



Annual Returns Report

2022-23

KARNATAKA STATE HIGHER EDUCATION COUNCIL (KSHEC)

ANNUAL RETURNS OF INFORMATION BY PRIVATE UNIVERSITIES IN THE STATE OF KARNATAKA (to be submitted in soft and hard copy form)

As per the State Private University Act, the Karnataka State Higher Education Council (KSHEC) shall conduct periodical inspection and send a Report to the State Government on the University regarding:

- (i) Standard of instruction for grant of Degree
- (ii) Quality of education
- (iii) Commercialization of Higher Education, and
- (iv) Contravention of provisions of the Act, if any


Towards meeting this requirement, the KSHEC has devised the following *Annual Returns of Information* Format to be filled in and submitted to it by each Private University on or before June 30 of each year. This will form the basis for the KSHEC inspection of the University on a triennial basis or earlier, as may be decided by the KSHEC.

| | | | |
|-------------------------------|---|----------------------|---|
| 1. GENERAL INFORMATION | | | |
| a | Name of the University | | M. S. Ramaiah University of Applied Sciences |
| b | Contact Details of the University | Postal Address | University House, Gnanagangothri Campus, New BEL Road, M S R Nagar, Bangalore Karnataka, 560054. |
| | | Phone | 080 4536 6666 |
| | | Fax | |
| | | Website | https://www.msruas.ac.in/ |
| c | Name and Address of the Registrar | Name | Dr. G. S. Venkatesh |
| | | Designation | Registrar |
| | | Postal Address | University House, Gnanagangothri Campus, New BEL Road, M S R Nagar, Bangalore Karnataka, 560054. |
| | | Phone | 080 4536 6645 |
| | | Mobile | 9986038124 |
| | | Fax | |
| | | Email ID | registrar@msruas.ac.in |
| d | Title of the University Act and Year of Establishment | | M. S. Ramaiah University of Applied Sciences Act 2012 was published vide notification no SAMVYASHAE 29 SHASANA 2012, Bangalore dated 09.07.2013 |
| e | Period of Annual returns | Academic year | 2022-23 |
| | | Date of filing | 05-01-2024 |
| f | Academic Activities at the University in Numbers | Constituent Colleges | 03 |
| | | Additional Campus(s) | -- |
| | | Faculties of study | 10 (List attached as Annexure 1a) |
| | | Departments | 84 (List attached as Annexure 1b) |
| | | Programmes of study | 127 List Enclosed in Annexure 2 |

| 2. OTHER INFORMATION ON THE UNIVERSITY | | | | | |
|---|--|--|---|--------------------------------|---------------------|
| a | List of Academic/Research programmes (Degrees awarded discipline-wise) | Newly launched in the year | | - | |
| | | Continuing in the year | | Details attached in Annexure 2 | |
| | | Closed in the year | | - | |
| b | Student Details indicating programme wise | Name of the Programme | | Details attached in Annexure 3 | |
| | | Admitted against intake capacity year-wise | | | |
| | | UG | PG | Research | Others |
| | | 1715 | 863 | 46 | |
| | | Male | Female | SC | ST |
| | | | | 169 | 45 |
| | | OBC | GM | Differently-abled | Others |
| | | 866 | 1498 | -- | -- |
| c | Teaching Staff Details | Regular/Permanent | | Temporary | Contract |
| | | 739 | | | |
| | | Professor | | Associate Professor | Assistant Professor |
| | | 147 | | 131 | 461 |
| | | Male | | Female | Others |
| | | 357 | | 382 | -- |
| d | Non-Teaching Staff Details | Regular/Permanent | | Temporary | Contract |
| | | 1385 | | -- | -- |
| | | Technical | | Administration | Others |
| | | 731 | | 654 | -- |
| | | Male | | Female | Others |
| | | 659 | | 724 | -- |
| e | Teaching Staff to Student ratio | UG | | PG | |
| | | 1: 20 | | 1: 15 | |
| | | Staff Student Ratio on par with apex bodies regulations wherever applicable and in the others as per UGC guidelines. | | | |
| f | Teaching Staff to Non-teaching staff ratio | | Teaching Staff: 739 Non-Teaching Staff: 1385 Ratio= 1: 1.8 | | |
| 3. DETAILS PERTAINING STANDARD OF INSTRUCTION FOR GRANT OF DEGREE | | | | | |
| a | % Theory Vs % Practical instruction in each programme of study | | Details attached in Annexure 4 | | |
| b | Breakup of In-semester and End-semester assessment | | Continuous Evaluation (CE) and Semester End Examination(SEE) weightage is distributed in the ratio of 50:50 for majority of programmes of study | | |
| c | # Faculty with PhD qualification | | 572 | | |

| | | |
|---|--|---|
| d | # Faculty publications such as refereed journals, conferences, books, book chapters, articles in the year | Journals: 407 Conference: 28 Books/Book Chapters: 152 (Details Attached in Annexure 5) |
| e | # patents filed / awarded in the year | Patents Filed: 25 Patents Awarded: 10 (Details Attached in Annexure 6) |
| f | # Students Graduating in UG programmes | 1215 |
| g | # Students Graduating in PG programmes | 625 |
| h | # students Graduating in Research Programmes | Ph.D.: 23 and M.S. by Research: 01 (Details Attached in Annexure 7)-from CoE |
| i | Indicate whether technology based learning is enabled in the University | University employs effective usage of technology for the teaching learning and assessment processes both Online and Offline. Effective online learning is implemented through RUAS ERP portal, MST and other web platforms. Modern teaching aids equipped with LCD projectors, digital boards, etc., and other related infrastructure are available |
| j | # students eligible for placement in each programme of study | (Details Attached in Annexure 8) |
| k | # students placed in each programme of study | |
| l | Maximum, Minimum and Average Compensations offered in the campus placement process | |
| m | # students qualified in Competitive Exams such as GATE, IAS, IES, IPS, GRE, and CAT | 69 |
| n | # students opted for higher studies | 424 |
| o | # student publications in the year | 305 |
| 4. STEPS BEING TAKEN TO ENSURE QUALITY OF HIGHER EDUCATION | | |
| a | Average entry level percentage of students in each programme of study | (Details Attached in Annexure 9) |
| b | # students admitted Vs No. of students graduated in each programme of study | (Details Attached in Annexure 10) |
| c | Sponsored research funding received in the year | Rs. 31,649,286 |
| d | Consultancy revenue generated in the year | Rs. 10,381,049 |
| e | Indicate Faculty Attrition during the year | 6% |
| f | Indicate student support programmes, such as tuition fee waiver and merit scholarships, introduced for improving quality | SC/ST: 241 students got scholarship and total amount received was Rs 1,92,61,941 OBC: 711 students got scholarship and total amount received was Rs 1,42,53,488 Centenary Scholarship was provided to 2603 students amounting to Rs 1,30,15,000 |
| g | Indicate whether outcome based education is used in the University | From the inception of the University OBE is implemented in all Programme of study with clear defined Programme Outcomes(PO), Programme Specific Outcomes(PSO) and Course Outcomes(CO). Continuous evaluations and End term examinations assessments are based on Revised Bloom's Taxonomy |

| | | |
|---|---|--|
| h | Average experience of Faculty in each department | 10.8 years |
| i | # Conferences, workshops, and seminars conducted in each department | Total: 28 (Details Attached in Annexure 11) |
| j | # Conferences, workshops, and seminars attended by the faculty in the year | Total: 220 (Details Attached in Annexure 12) |
| 5. STEPS BEING TAKEN TO AVOID COMMERCIALIZATION OF HIGHER EDUCATION | | |
| a | Fee fixed by the Fee Regulation Committee(FRC)for various programmes of study in the university and dates of FRC meetings during the year | Fee Regulation Committee was constituted by Govt. of Karnataka with Justice (Retd) N K Patil as the Chairman. 40% of the seats surrendered to the State Government for filling through KEA, the tuition fees prescribed by the State Government is being adhered as tuition fees at our University also. For the remaining 60% of the seats, as per the recommendations of the Fee Regulatory Committee which is further approved by the Board of Management(BoM), tuition fee is collected. The details of the recommendations of the FRC and approval of the BoG in it's 23 rd meeting for the year 2022-23 is enclosed as Annexure 13. |
| b | Total Fee collected from the students during the year | Rs. 2,055,111,879 |
| c | Total expenditure incurred during the year | Rs. 2,771,084,051 |
| d | Revenue earned from sponsored R&D, training and consultancy activities | Sponsored R&D : Rs. 31,649,286 Consultancy activities : Rs 10,381,049 Training : Rs. 1,245,644 |
| e | Whether any capitation fee charged to students for offering admissions? | No |
| f | Revenue generated from other activities | Rs. 882,563,898 |
| 6. STEPS BEING TAKEN TO FULFILL THE PROVISIONS OF THE UNIVERSITY ACT | | |
| a | Whether Officers of the University have been nominated / appointed as per the provisions of the Act | Yes |
| b | Whether Authorities of the University have been formed as per the provisions of the Act | Yes |
| c | Number of meetings and dates of the meetings of the various Authorities of the University during the year | Details Attached in Annexure 14 |
| d | Whether specified percentage of seats reserved for candidates from Karnataka State to be filled through common entrance examination conducted by the State Government as mandated in the Act? | Yes. As per the provisions of the Act, 40% of the seats are reserved to be filled through Common Entrance Examination (CET) conducted by KEA. |
| e | Indicate the composition of the Fee Regulation Committee and details of the meetings held during the year | As per Section 38 of the Act, Fee Regulation Committee is constituted by the State Govt. with the following members: 1. Retd. Supreme Court or High Court Judge as Chairman 2. Chancellor 3. Vice Chancellor 4. Principal Secretary or Secretary to |

| | | |
|--|--|--|
| | | Govt. in charge of Higher Education or his nominee 5. Principal Secretary or Secretary to Govt. in charge of Medical Education or his nominee 6. Two Academicians nominated by the Board of Governors including a women 7. Chartered Accountant of repute |
| f | Whether any development fee is collected from the students? | No |
| g | Contributions received from other sources towards development fund | Rs 1,05,00,000 (Alumni) |
| H | Interest Income received from Permanent Statutory Endowment Fund | Rs. 8,564,810 |
| 7. ANY OTHER INFORMATION IN SUPPORT OF THE ANNUAL RETURNS | | |
| a | Whether the scales of pay proposed by the Statutory Regulatory Authority adopted in the University for Teaching and Non-teaching staff | Yes |
| b | Contribution to extension including institutional social responsibility in the year | (Details Attached in Annexure 15) |
| c | Major achievements of the University in the year | (Details Attached in Annexure 16)-Annual Report for the year 2022-23 |
| d | Any other relevant information in support of Annual returns | Audited Report of the year 2022-23 is enclosed as Annexure 17 |
| Date: 5/1/24 | |  Signature of the Registrar with seal of the University |
| Place: Bangalore | | |
| | | |

Annexure – 1a

List of Programmes offered at M. S. Ramaiah University of Applied Sciences

| Name of the Faculty | UG | PG | Total |
|--|-----------|-----------|-------------|
| Faculty of Engineering and Technology (FET) | 11 | 13 | 24 |
| Faculty of Art and Design (FAD) | 3 | 2 | 5 |
| Faculty of Management and Commerce(FMC) | 2 | 2 | 4 |
| Faculty of Mathematical and Physical Sciences(FMPS) | 1 | 5 | 6 |
| Faculty of Life and Allied Health Sciences (FLAHS) | 7 | 6 | 13 |
| Faculty of Dental Sciences(FDS) | 1 | 9 | 10 |
| Faculty of Pharmacy(FPH) | 1 | 6 | 7 |
| School of Social Sciences(SSS) | 4 | 1 | 5 |
| Faculty of Hospitality Management and Catering Technology(FHMCT) | 1 | 0 | 1 |
| School of Law(SOL) | 2 | 0 | 2 |
| Ramaiah College of Physiotherapy(RCPT) | 1 | 5 | 6 |
| Ramaiah Institute of Nursing Education and Research(RINER) | 2 | 1 | 3 |
| Ramaiah Medical College(RMC) | 1 | 35 | 36 |
| Doctor of Philosophy (PhD) | - | - | 1* |
| Bachelor of Vocational Education (B.Voc) | 4 | - | 4 |
| Total | 41 | 85 | 127* |

Dr. G.S. Venkatesh
 Registrar



Annexure – 1b

Annexure 1b

| Faculty | Department |
|---------|---|
| FET | Department of Aerospace engineering |
| FET | Department of Civil Engineering |
| FET | Department of Compute Science Engineering |
| FET | Department of Electrical and Electronics Engineering |
| FET | Department of Electronics and Communication Engineering |
| FET | Department of Mechanical and Manufacturing Engineering |
| FAD | Department of Product Design |
| FAD | Department of Fashion Design |
| FMPS | Department of Physics |
| FMPS | Department of Chemistry |
| FMPS | Department of Mathematics & Statistics |
| FMC | Department of Management Studies |
| FMC | Department of Commerce |
| FLAHS | Department of Biotechnology |
| FLAHS | Department of Food Technology |
| FLAHS | Department of Allied Health Sciences |
| FPH | Department of Pharmacognosy |
| FPH | Department of Pharmaceutics |
| FPH | Department of Pharmacology |
| FPH | Department of Pharmaceutical Chemistry |
| FPH | Department of Pharmacy Practice |
| FDS | Department of Conservative Dentistry Endodontics |
| FDS | Department of Aesthetic Dentistry |
| FDS | Department of Oral and Maxillofacial Surgery |
| FDS | Department of Oral Medicine and Radiology |
| FDS | Department of Oral Pathology and Microbiology |
| FDS | Department of Orthodontics |
| FDS | Department of Pedodontics and Preventive Dentistry |
| FDS | Department of Periodontics |
| FDS | Department of Prosthodontics |
| FDS | Department of Public Health Dentistry |
| FHMCT | Department of Food and Beverage Productionnt |
| FHMCT | Department of Food and Beverage Service |
| FHMCT | Department of Front Office |
| FHMCT | Department of Housekeeping |
| FHMCT | Department of Management Studies - Hospitality |
| SSS | Department of Economics |
| SSS | Department of Public Policy |
| SSS | Department of Data Science |
| SSS | Department of Sociology |
| SSS | Department of Pyschology |
| SL | School of Law |
| RMC | Department of Anaesthesiology |
| RMC | Department of Anatomy |
| RMC | Department of Biochemistry |

Annexure 1b

| Faculty | Department |
|---------|--|
| RMC | Department of Cardiology |
| RMC | Department of Community Medicine |
| RMC | Department of Dermatology |
| RMC | Department of Emergency Medicine |
| RMC | Department of Endocrinology |
| RMC | Department of Otorhinolaryngology |
| RMC | Department of Forensic Medicine |
| RMC | Department of Gastroenterology |
| RMC | Department of General Medicine |
| RMC | Department of General Surgery |
| RMC | Department of Hospital Administration |
| RMC | Department of Medical Oncology |
| RMC | Department of Microbiology |
| RMC | Department of Nephrology |
| RMC | Department of Neurology |
| RMC | Department of Neurosurgery |
| RMC | Department of Endocrinology |
| RMC | Department of Ophthalmology |
| RMC | Department of Orthopedics |
| RMC | Department of Paediatric Surgery |
| RMC | Department of Paediatrics |
| RMC | Department of Pathology |
| RMC | Department of Pharmacology |
| RMC | Department of Physiology |
| RMC | Department of Plastic Surgery |
| RMC | Department of Psychiatry |
| RMC | Department of Radiation Oncology |
| RMC | Department of Radio Diagnosis |
| RMC | Department of Respiratory Medicine |
| RMC | Department of Surgical Oncology |
| RMC | Department of Urology |
| RMC | Department of Vascular Surgery |
| RINER | Department of COMMUNITY HEALTH NURSING |
| RINER | Department of MEDICAL SURGICAL NURSING |
| RINER | Department of MENTAL HEALTH NURSING |
| RINER | Department of NURSING FOUNDATION |
| RINER | Department of OBG NURSING |
| RINER | Department of PEDIATRIC NURSING |
| RCPT | Ramaiah College of Physiotherapy |

Annexure – 2

Annexure 2

Programme of study (2022-2023)

| S.No. | Faculty | Name of Department | Name of the programme offered in 2023-2024 |
|-------|---------|---|---|
| 1 | FMPS | Chemistry | M.Sc. (Industrial Chemistry) |
| 2 | FMPS | Chemistry | M.Sc. (Analytical Chemistry) |
| 3 | FMPS | Chemistry | M.Sc. (Organic Chemistry) |
| 4 | FMPS | Mathematics and Statistics | M.Sc. In Mathematics |
| 5 | FMPS | Physics | M.Sc. In Physics |
| 6 | FMPS | FMPS | B.Sc. Physics, Chemistry, Mathematics, Statistics, Computer Science & Electronics |
| 7 | FHMCT | Hotel Management | Bachelor of Hotel Management (BHM) |
| 8 | FET | Civil Engineering | B.Tech in Civil Engineering |
| 9 | FET | Civil Engineering | M.Tech in Construction Engineering and Management |
| 10 | FET | Civil Engineering | M.Tech in Transportation Engineering |
| 11 | FET | Civil Engineering | M.Tech in Structural Engineering |
| 12 | FET | Civil Engineering | M.Tech in Environmental Engineering and Management |
| 13 | FET | Mechanical Engineering | B.Tech in Mechanical Engineering |
| 14 | FET | Mechanical Engineering | B.tech in Robotics |
| 15 | FET | Electrical, Electronics and Communication Engineering | B.Tech. in Electrical and Electronics |
| 16 | FET | Electrical, Electronics and Communication Engineering | M.Tech. in Power Electronics and Drives |
| 17 | FET | Electrical, Electronics and Communication Engineering | B.Tech in Electronics and Communication Engineering |
| 18 | FET | Computer Science and Engineering | M Tech in VLSI and Nanotechnology |
| 19 | FET | Mechanical Engineering | M.Tech in Robotic Engineering |
| 20 | FET | Mechanical Engineering | M.Tech in Advanced Machinery Design |
| 21 | FET | Mechanical Engineering | M Tech in Manufacturing Technologies and Engineering Management |
| 22 | FET | Automotive and Aeronautical Engineering | M. Tech. in Aerospace Engineering |
| 23 | FET | Automotive and Aeronautical Engineering | M. Tech. in Automotive Engineering |
| 24 | FET | Automotive and Aeronautical Engineering | B. Tech. in Aerospace Engineering |
| 25 | FET | Automotive and Aeronautical Engineering | B. Tech. in Automotive Engineering |
| 26 | FET | Computer Science and Engineering | B. Tech in Computer Science and Engineering |

| S.No. | Faculty | Name of Department | Name of the programme offered in 2023-2024 |
|-------|---------------|----------------------------------|---|
| 27 | FET | Computer Science and Engineering | B. Tech in Artificial intelligence and Machine Learning |
| 28 | FET | Computer Science and Engineering | B. Tech in Information Science and Engineering |
| 29 | FET | Computer Science and Engineering | B.Tech. in Mathematics and Computing |
| 30 | FET | Computer Science and Engineering | M Tech in Artificial Intelligence and Machine Learning |
| 31 | FET | Computer Science and Engineering | M Tech in Data Science and Engineering |
| 32 | FLAHS | Allied Health Sciences | BSc (Hons) Medical Radiology and Imaging Technology |
| 33 | FLAHS | Allied Health Sciences | BSc (Hons) Dialysis Therapy Technology |
| 34 | FLAHS | Allied Health Sciences | BSc (Hons) Anestehsia and Operation Theatre Technology |
| 35 | FLAHS | Allied Health Sciences | BSc (Hons) Cardiac Care Technology |
| 36 | FLAHS | Allied Health Sciences | BSc (Hons) Optometry |
| 37 | FLAHS | Allied Health Sciences | Masters in Public Health |
| 38 | FLAHS | Allied Health Sciences | Masters in Hospital Administration |
| 39 | FLAHS | Biotechnology | B.Sc (Hons) in Biotechnology (NEP) |
| 40 | FLAHS | Biotechnology | M.Sc. In Biotechnology |
| 41 | FLAHS | Biotechnology | M.Sc in Molecular and Cellular Biology |
| 42 | FLAHS | Food Technology | B.Sc (Hons.) in Food Processing and Technology |
| 43 | FLAHS | Food Technology | M.Sc., Food Science and Technology |
| 44 | FLAHS | Food Technology | M.Sc. In Food Nutrition and Dietetics |
| 45 | FMC | Management Studies and Commerce | B.Com. (Hons) |
| 46 | FMC | Management Studies and Commerce | BBA |
| 47 | FMC | Management Studies and Commerce | MBA |
| 48 | FMC | Management Studies and Commerce | M Com |
| 49 | School of Law | Law | B.Sc. LL.B.(Hons.) |
| 50 | School of Law | Law | B.A. LL.B.(Hons.) |
| 51 | FAD | Industrial Design | B.Des Product Design |
| 52 | FAD | Industrial Design | M.Des Product Design |
| 53 | FAD | Fashion Design | B. Des Fashion Design |
| 54 | FAD | Fashion Design | M. Des Fashion Design |
| 55 | FAD | Industrial Design | B.Des in Interaction Design |
| 56 | SSS | Sociology | B.A. (Hons.) Sociology |
| 57 | SSS | Economics | B.Sc (Hons.) Economics |

| S.No. | Faculty | Name of Department | Name of the programme offered in 2023-2024 |
|-------|---------|---|---|
| 58 | SSS | Psychology | B.Sc (Hons.) Psychology |
| 59 | SSS | Data Sciences and Analytics | B.Sc (Hons.) Data Sciences and Analytics |
| 60 | SSS | Public Policy | Masters in Public Policy |
| 61 | FDS | FDS | BDS |
| 62 | FDS | Periodontology | MDS- Periodontology |
| 63 | FDS | Paediatric and Preventive Dentistry | MDS-Paediatric and Preventive Dentistry |
| 64 | FDS | Public Health Dentistry | MDS - Public Health Dentistry |
| 65 | FDS | Oral Medicine & Radiology | MDS-Oral Medicine & Radiology |
| 66 | FDS | Oral & Maxillofacial Surgery | MDS- Oral & maxillofacial surgery |
| 67 | FDS | Conservative Dentistry & Endodontics | MDS- Conservative Dentistry & Endodontics |
| 68 | FDS | Prosthodontics, Crown & Bridge | MDS- Prosthodontics, Crown & Bridge |
| 69 | FDS | Orthodontics | MDS- Orthodontics |
| 70 | FDS | Oral Pathology | MDS- Oral Pathology |
| 71 | FPH | Pharmacy | B.Pharm |
| 72 | FPH | Pharmacy | Pharm.D |
| 73 | FPH | Pharmacy | M. Pharm. In Pharmacognosy |
| 74 | FPH | Pharmacy | M. Pharm. In Pharmaceutical Chemistry |
| 75 | FPH | Pharmacy | M. Pharm. In Pharmaceutics |
| 76 | FPH | Pharmacy | M. Pharm. In Pharmacology |
| 77 | FPH | Pharmacy | M.Pharm in Pharmacy Practice |
| 78 | RINER | B.Sc. in Nursing | B.Sc. in Nursing |
| 79 | RINER | B.Sc. (Post Basic in Nursing) | B.Sc. (Post Basic in Nursing) |
| 80 | RINER | M.Sc. in Nursing | M.Sc. in Nursing |
| 81 | RCPT | Bachelor of Physiotherapy (BPT) | Bachelor of Physiotherapy (BPT) |
| 82 | RCPT | MPT in Musculoskeletal Sciences | MPT in Musculoskeletal Sciences |
| 83 | RCPT | MPT in Cardio Vascular & Pulmonary Sciences | MPT in Cardio Vascular & Pulmonary Sciences |
| 84 | RCPT | MPT in Neurological Sciences | MPT in Neurological Sciences |
| 85 | RCPT | MPT in Community Health | MPT in Community Health |
| 86 | RCPT | MPT in Paediatrics | MPT in Paediatrics |
| 87 | RMC | MBBS (Bachelor of Medicine Bachelor of Surgery) | MBBS (Bachelor of Medicine Bachelor of Surgery) |
| 88 | RMC | MD in Anatomy | MD in Anatomy |

| S.No. | Faculty | Name of Department | Name of the programme offered in 2023-2024 |
|-------|---------|----------------------------------|--|
| 89 | RMC | MD in Physiology | MD in Physiology |
| 90 | RMC | MD in Biochemistry | MD in Biochemistry |
| 91 | RMC | MD in Microbiology | MD in Microbiology |
| 92 | RMC | MD in Pathology | MD in Pathology |
| 93 | RMC | MD in Pharmacology | MD in Pharmacology |
| 94 | RMC | MD in Forensic Medicine | MD in Forensic Medicine |
| 95 | RMC | MD in Community Medicine | MD in Community Medicine |
| 96 | RMC | MD in General Medicine | MD in General Medicine |
| 97 | RMC | MS in General Surgery | MS in General Surgery |
| 98 | RMC | MS in Obstetrics and Gynaecology | MS in Obstetrics and Gynaecology |
| 99 | RMC | MD in Paediatrics | MD in Paediatrics |
| 100 | RMC | MS in Orthopaedics | MS in Orthopaedics |
| 101 | RMC | MD in Anaesthesiology | MD in Anaesthesiology |
| 102 | RMC | MD in Radiation Oncology | MD in Radiation Oncology |
| 103 | RMC | MS in Ophthalmology | MS in Ophthalmology |
| 104 | RMC | MD in Radio diagnosis | MD in Radio diagnosis |
| 105 | RMC | MD in Dermatology | MD in Dermatology |
| 106 | RMC | MS in Otorhinolaryngology | MS in Otorhinolaryngology |
| 107 | RMC | MD in Psychiatry | MD in Psychiatry |
| 108 | RMC | MD in Emergency Medicine | MD in Emergency Medicine |
| 109 | RMC | MD in Respiratory Medicine | MD in Respiratory Medicine |
| 110 | RMC | MD in Hospital Administration | MD in Hospital Administration |
| 111 | RMC | DM in Neurology | DM in Neurology |
| 112 | RMC | DM in Endocrinology | DM in Endocrinology |
| 113 | RMC | DM in Gastroenterology | DM in Gastroenterology |
| 114 | RMC | DM in Cardiology | DM in Cardiology |
| 115 | RMC | DM in Nephrology | DM in Nephrology |
| 116 | RMC | DM in Medical Oncology | DM in Medical Oncology |
| 117 | RMC | M.Ch. in Urology | M.Ch. in Urology |
| 118 | RMC | M.Ch. in Vascular Surgery | M.Ch. in Vascular Surgery |
| 119 | RMC | M.Ch. in Neuro Surgery | M.Ch. in Neuro Surgery |

| S.No. | Faculty | Name of Department | Name of the programme offered in 2023-2024 |
|-------|---------|---|--|
| 120 | RMC | M.Ch. in Plastic Surgery | M.Ch. in Plastic Surgery |
| 121 | RMC | M.Ch. in Paediatric Surgery | M.Ch. in Paediatric Surgery |
| 122 | RMC | M.Ch in Surgical Oncology | M.Ch in Surgical Oncology |
| 123 | FAD | B. Voc. in Product Design and Modelling | B. Voc. in Product Design and Modelling |
| 124 | FHMCT | B. Voc. in Culinary Operations | B. Voc. in Culinary Operations |
| 125 | FET | B. Voc. in Mechatronics | B. Voc. in Mechatronics |
| 126 | FET | B. Voc. in Post - Harvest Technology | B. Voc. in Post - Harvest Technology |
| 127 | | Doctor of Philosophy | Doctor of Philosophy |

Annexure – 3

Annexure 3

**Academic Year
2022-2023**

Extract of Sanctioned Intake and Admitted Students from 2022-2023

| Sl No | Programme Code | Programme Name | Number of Seats Sanctioned | Number of Student admitted |
|-------|----------------|--|----------------------------|----------------------------|
| 1 | 041 | M.Des. in Product Design | 10 | 10 |
| 2 | 045 | M.Des. in Fashion Design | 10 | 7 |
| 3 | 065 | MDS in Oral Medicine, Diagnosis & Radiology | 3 | 2 |
| 4 | 066 | MDS in Periodontology | 5 | 5 |
| 5 | 067 | MDS in Oral & Maxillofacial Surgery | 6 | 6 |
| 6 | 068 | MDS in Conservative Dentistry and Endodontics | 5 | 5 |
| 7 | 069 | MDS in Orthodontics | 5 | 5 |
| 8 | 070 | MDS - Oral Pathology | 3 | 1 |
| 9 | 071 | MDS-Public Health Dentistry | 2 | 1 |
| 10 | 072 | MDS in Pedodontics | 6 | 6 |
| 11 | 073 | MDS in Prosthodontics | 5 | 5 |
| 12 | 021 | M.Tech. in Automotive Engineering | 6 | 0 |
| 13 | 124 | M.Tech. in Aerospace Engineering | 12 | 9 |
| 14 | 028 | M.Tech. in Advanced Machinery Design | 6 | 0 |
| 15 | 121 | M.Tech. in Manufacturing Technologies and Engineering Management | 12 | 0 |
| 16 | 074 | M.Tech. in Robotic Engineering | 6 | 6 |
| 17 | 114 | M.Tech. in Structural Engineering | 12 | 9 |
| 18 | 040 | M.Tech. in Construction Engineering and Management | 18 | 9 |
| 19 | 078 | M.Tech. in Transportation Engineering | 12 | 4 |
| 20 | 125 | M.Tech. in Environmental Engineering and Management | 12 | 4 |



**RAMAIAH
UNIVERSITY**
OF APPLIED SCIENCES

| | | | | |
|----|-----|---|-----|-----|
| 21 | 120 | M.Tech. in VLSI and NanoTechnology | 12 | 1 |
| 22 | 117 | M.Tech. in Power Electronics and Drives | 6 | 0 |
| 23 | 115 | M.Tech. in Data Science and Engineering | 18 | 13 |
| 24 | 126 | M.Tech. in Artificial Intelligence and Machine Learning | 18 | 12 |
| 25 | 091 | M.Sc in Bio-Technology | 30 | 27 |
| 26 | 093 | M.Sc in Food Science and Technology | 30 | 30 |
| 27 | 106 | M.Sc in Food Nutrition & Dietetics | 30 | 29 |
| 28 | 092 | M.Sc in Molecular and Cellular Biology | 30 | 26 |
| 29 | 097 | Master of Public Health | 30 | 24 |
| 30 | 086 | Master of Hospital Administration (MHA) | 30 | 28 |
| 31 | 101 | MBA | 240 | 240 |
| 32 | 104 | Master of Science - Physics | 15 | 13 |
| 33 | 105 | Master of Science - Chemistry | 30 | 30 |
| 34 | 076 | Master of Science -Applied Maths | 15 | 8 |
| 35 | 056 | M. Pharm - Pharmacognosy | 15 | 10 |
| 36 | 057 | M. Pharm - Pharmaceutical Chemistry | 15 | 14 |
| 37 | 058 | M. Pharm - Pharmaceutics | 15 | 15 |
| 38 | 059 | M. Pharm - Pharmacology | 15 | 15 |
| 39 | 062 | M. Pharm - Pharmacy Practice | 9 | 9 |
| 40 | 103 | MA in Public Policy | 60 | 5 |
| 41 | 162 | MPT-Cardiovascular and Pulmonary Sciences | 3 | 3 |
| 42 | 163 | MPT-Community Health | 4 | 4 |
| 43 | 164 | MPT-Musculoskeletal Sciences | 5 | 5 |
| 44 | 165 | MPT-Neurological Sciences | 5 | 5 |
| 45 | 166 | MPT-Paediatric Health | 3 | 2 |

D
Director Admissions

M.S. Ramaiah University of Applied Sciences
University House, Gnanagangothri Campus
New BEL Road, MSR Nagar, Bangalore-560 054

R
Registrar

M.S.Ramaiah University of Applied Sciences
Bangalore - 560 054



**RAMAIAH
UNIVERSITY**
OF APPLIED SCIENCES

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|----|-----|-------------------------------|----|----|
| 46 | 167 | M.Sc. In Nursing | 35 | 14 |
| 47 | 127 | MD Anatomy | 4 | 0 |
| 48 | 128 | MD Physiology | 4 | 0 |
| 49 | 129 | MD Biochemistry | 4 | 0 |
| 50 | 130 | MD Pathology | 8 | 8 |
| 51 | 131 | MD Pharmacology | 4 | 2 |
| 52 | 132 | MD Microbiology | 3 | 0 |
| 53 | 133 | MD Community Medicine | 3 | 1 |
| 54 | 134 | MD Forensic Medicine | 3 | 0 |
| 55 | 135 | MD General Medicine | 20 | 20 |
| 56 | 136 | MD Anesthesiology | 15 | 15 |
| 57 | 137 | MD Paediatrics | 18 | 18 |
| 58 | 138 | MD Radio diagnosis | 14 | 14 |
| 59 | 139 | MD Radiation Oncology | 5 | 5 |
| 60 | 140 | MD Dermatology | 6 | 6 |
| 61 | 141 | MD Emergency Medicine | 4 | 4 |
| 62 | 142 | MD Psychiatry | 2 | 2 |
| 63 | 143 | MD Respiratory Medicine | 4 | 4 |
| 64 | 144 | MD Hospital Administration | 2 | 2 |
| 65 | 145 | MS General Surgery | 12 | 12 |
| 66 | 146 | MS Obstetrics and Gynaecology | 12 | 12 |
| 67 | 147 | MS Ophthalmology | 6 | 6 |
| 68 | 148 | MS Orthopedics | 12 | 12 |
| 69 | 149 | MS Otorhinolaryngology | 4 | 4 |
| 70 | 150 | DM Neurology | 4 | 4 |
| 71 | 151 | DM Endocrinology | 5 | 5 |
| 72 | 152 | DM Gastroenterology | 3 | 3 |
| 73 | 153 | DM Cardiology | 4 | 4 |
| 74 | 154 | DM Nephrology | 5 | 5 |
| 75 | 155 | DM Medical Oncology | 5 | 5 |
| 76 | 156 | M.Ch. Urology | 6 | 6 |

Director Admissions

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| | | | | |
|-----|-----|---|-----|-----|
| 77 | 157 | M.Ch. Neuro Surgery | 4 | 3 |
| 78 | 158 | M.Ch. Vascular Surgery | 5 | 2 |
| 79 | 159 | M.Ch. Plastic Surgery | 4 | 1 |
| 80 | 160 | M.Ch. Paediatric Surgery | 3 | 0 |
| 81 | 161 | M.Ch. Surgical Oncology | 2 | 2 |
| 82 | 006 | B.Des. in Product Design | 30 | 14 |
| 83 | 014 | B.Des. in Fashion Design | 20 | 15 |
| 84 | 020 | B.Des.in Interaction Design | 30 | 17 |
| 85 | 011 | BDS | 60 | 60 |
| 86 | 012 | B.Tech. in Aerospace Engineering | 60 | 56 |
| 87 | 013 | B.Tech. in Automotive Engineering | 30 | 13 |
| 88 | 001 | B.Tech. in Civil Engineering | 30 | 14 |
| 89 | 002 | B.Tech. in Computer Science and Engineering | 180 | 180 |
| 90 | 003 | B.Tech. in Electrical and Electronics Engineering | 60 | 30 |
| 91 | 004 | B.Tech. in Electronics and Communication Engineering | 60 | 60 |
| 92 | 005 | B.Tech. in Mechanical Engineering | 60 | 15 |
| 93 | 409 | B.Tech. in Robotics | 30 | 30 |
| 94 | 410 | B.Tech. in Artificial Intelligence and Machine Learning | 60 | 60 |
| 95 | 411 | B.Tech. in Information Science and Engineering | 60 | 60 |
| 96 | 412 | B.Tech. in Mathematics and Computing | 30 | 26 |
| 97 | 008 | BHM | 120 | 74 |
| 98 | 018 | B.Sc. (Hons) in Biotechnology | 60 | 56 |
| 99 | 019 | B.Sc. (Hons) in Food Processing and Technology | 60 | 41 |
| 100 | 401 | B.Sc Medical Radiology And Imaging Technology | 30 | 17 |
| 101 | 402 | B.Sc Dialysis Therapy Technology | 30 | 9 |
| 102 | 403 | B.Sc Operation Theater | 30 | 24 |

T.A.
Director Admissions

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| | | Technology | | |
|-----|-----|--|-------------|-------------|
| 103 | 404 | B.Sc Optometry | 30 | 12 |
| 104 | 406 | B.Sc Cardiac Care Technology | 30 | 30 |
| 105 | 017 | BBA | 120 | 120 |
| 106 | 016 | B.Com (Hons) | 60 | 60 |
| 107 | 015 | B.Sc.(Hons) [PCMSCE] | 60 | 22 |
| 108 | 009 | B.Pharm | 100 | 96 |
| 109 | 010 | Pharm.D | 30 | 29 |
| 110 | 417 | B.Sc. (Hons). LLB | 60 | 16 |
| 111 | 418 | B.A.(Hons).LLB | 60 | 53 |
| 112 | 416 | B.Sc.(Hons) Psychology | 60 | 60 |
| 113 | 413 | B.Sc.(Hons) Economics | 60 | 10 |
| 114 | 415 | B.Sc.(Hons) Data Science and Analytics | 60 | 59 |
| 115 | 438 | Bachelor of Physiotherapy | 40 | 40 |
| 116 | 440 | B.Sc. Nursing | 100 | 72 |
| 117 | 441 | Post B.Sc. Nursing | 30 | 17 |
| 118 | 438 | MBBS | 150 | 148 |
| 119 | 510 | B.Voc(Product Design and Modelling) | 30 | 0 |
| 120 | 516 | B.Voc(Mechatronics) | 30 | 0 |
| 121 | 507 | B.Voc(Culinary Operations) | 30 | 0 |
| 122 | 522 | B.Voc(Post Harvest Technology) | 30 | 0 |
| | | Total | 3393 | 2578 |

T. A

Director Admissions

M.S. Ramaiah University of Applied Sciences
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New BEL Road, MSR Nagar, Bangalore-560 054


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Bangalore - 560 054

Annexure – 4

Annexure 4

% Theory Vs % Practical instruction in each programme of study (2022-2023)

| S.No. | Faculty | Name of Department | Name of the programme offered in 2023-2024 | % of theory courses | % of practical courses |
|-------|---------|---|---|---------------------|------------------------|
| 1 | FMPS | Chemistry | M.Sc. (Industrial Chemistry) | 57.5 | 42.5 |
| 2 | FMPS | Chemistry | M.Sc. (Analytical Chemistry) | 57.5 | 42.5 |
| 3 | FMPS | Chemistry | M.Sc. (Organic Chemistry) | 57.5 | 42.5 |
| 4 | FMPS | Mathematics and Statistics | M.Sc. In Mathematics | 90 | 10 |
| 5 | FMPS | Physics | M.Sc. In Physics | 62.5 | 37.5 |
| 6 | FMPS | FMPS | B.Sc. Physics, Chemistry, Mathematics, Statistics, Computer Science & Electronics | 65.25 | 34.75 |
| 7 | FHMCT | Hotel Management | Bachelor of Hotel Management (BHM) | 44 | 56 |
| 8 | FET | Civil Engineering | B.Tech in Civil Engineering | 72.5 | 27.5 |
| 9 | FET | Civil Engineering | M.Tech in Construction Engineering and Management | 44 | 56 |
| 10 | FET | Civil Engineering | M.Tech in Transportation Engineering | 45 | 55 |
| 11 | FET | Civil Engineering | M.Tech in Structural Engineering | 70 | 30 |
| 12 | FET | Civil Engineering | M.Tech in Environmental Engineering and Management | 55 | 45 |
| 13 | FET | Mechanical Engineering | B.Tech in Mechanical Engineering | 60 | 40 |
| 14 | FET | Mechanical Engineering | B.tech in Robotics | 60 | 40 |
| 15 | FET | Electrical, Electronics and Communication Engineering | B.Tech. in Electrical and Electronics | 70 | 30 |
| 16 | FET | Electrical, Electronics and Communication Engineering | M.Tech. in Power Electronics and Drives | 70 | 30 |
| 17 | FET | Electrical, Electronics and Communication Engineering | B.Tech in Electronics and Communication Engineering | 84 | 26 |
| 18 | FET | Computer Science and Engineering | M Tech in VLSI and Nanotechnology | 55 | 45 |
| 19 | FET | Mechanical Engineering | M.Tech in Robotic Engineering | 55 | 45 |
| 20 | FET | Mechanical Engineering | M.Tech in Advanced Machinery Design | 55 | 45 |
| 21 | FET | Mechanical Engineering | M Tech in Manufacturing Technologies and Engineering Management | 55 | 45 |
| 22 | FET | Automotive and Aeronautical Engineering | M. Tech. in Aerospace Engineering | 72 | 28 |
| 23 | FET | Automotive and Aeronautical Engineering | M. Tech. in Automotive Engineering | 72 | 28 |
| 24 | FET | Automotive and Aeronautical Engineering | B. Tech. in Aerospace Engineering | 66 | 34 |
| 25 | FET | Automotive and Aeronautical Engineering | B. Tech. in Automotive Engineering | 66 | 34 |

Annexure 4

% Theory Vs % Practical instruction in each programme of study (2022-2023)

| S.No. | Faculty | Name of Department | Name of the programme offered in 2023-2024 | % of theory courses | % of practical courses |
|-------|---------------|----------------------------------|---|---------------------|------------------------|
| 26 | FET | Computer Science and Engineering | B. Tech in Computer Science and Engineering | 74 | 26 |
| 27 | FET | Computer Science and Engineering | B. Tech in Artificial intelligence and Machine Learning | 73 | 27 |
| 28 | FET | Computer Science and Engineering | B. Tech in Information Science and Engineering | 71 | 29 |
| 29 | FET | Computer Science and Engineering | B.Tech. in Mathematics and Computing | 76 | 24 |
| 30 | FET | Computer Science and Engineering | M Tech in Artificial Intelligence and Machine Learning | 60 | 40 |
| 31 | FET | Computer Science and Engineering | M Tech in Data Science and Engineering | 63 | 37 |
| 32 | FLAHS | Allied Health Sciences | BSc (Hons) Medical Radiology and Imaging Technology | 67.4 | 32.6 |
| 33 | FLAHS | Allied Health Sciences | BSc (Hons) Dialysis Therapy Technology | 70.4 | 29.6 |
| 34 | FLAHS | Allied Health Sciences | BSc (Hons) Anesthesia and Operation Theatre Technology | 64.4 | 35.6 |
| 35 | FLAHS | Allied Health Sciences | BSc (Hons) Cardiac Care Technology | 67.4 | 32.6 |
| 36 | FLAHS | Allied Health Sciences | BSc (Hons) Optometry | 71.4 | 28.6 |
| 37 | FLAHS | Allied Health Sciences | Masters in Public Health | 79.8 | 20.2 |
| 38 | FLAHS | Allied Health Sciences | Masters in Hospital Administration | 58.9 | 41.1 |
| 39 | FLAHS | Biotechnology | B.Sc (Hons) in Biotechnology (NEP) | 65 | 35 |
| 40 | FLAHS | Biotechnology | M.Sc. In Biotechnology | 43.33 | 56.66 |
| 41 | FLAHS | Biotechnology | M.Sc in Molecular and Cellular Biology | 43.33 | 56.66 |
| 42 | FLAHS | Food Technology | B.Sc (Hons.) in Food Processing and Technology | 73.5 | 26.5 |
| 43 | FLAHS | Food Technology | M.Sc., Food Science and Technology | 48.8 | 51.2 |
| 44 | FLAHS | Food Technology | M.Sc. In Food Nutrition and Dietetics | 45.9 | 54.1 |
| 45 | FMC | Management Studies and Commerce | B.Com. (Hons) | 56 | 44 |
| 46 | FMC | Management Studies and Commerce | BBA | 77 | 23 |
| 47 | FMC | Management Studies and Commerce | MBA | 70 | 30 |
| 48 | FMC | Management Studies and Commerce | M Com | 80 | 20 |
| 49 | School of Law | Law | B.Sc. LL.B.(Hons.) | 87.5 | 12.5 |
| 50 | School of Law | Law | B.A. LL.B.(Hons.) | 100 | 0 |
| 51 | FAD | Industrial Design | B.Des Product Design | 23.5 | 76.5 |
| 52 | FAD | Industrial Design | M.Des Product Design | 14 | 86 |

Annexure 4

% Theory Vs % Practical instruction in each programme of study (2022-2023)

| S.No. | Faculty | Name of Department | Name of the programme offered in 2023-2024 | % of theory courses | % of practical courses |
|-------|---------|--------------------------------------|--|---------------------|------------------------|
| 53 | FAD | Fashion Design | B. Des Fashion Design | 40 | 60 |
| 54 | FAD | Fashion Design | M. Des Fashion Design | 40 | 60 |
| 55 | FAD | Industrial Design | B.Des in Interaction Design | 23.5 | 76.5 |
| 56 | SSS | Sociology | B.A. (Hons.) Sociology | 90 | 10 |
| 57 | SSS | Economics | B.Sc (Hons.) Economics | 90 | 10 |
| 58 | SSS | Psychology | B.Sc (Hons.) Psychology | 80 | 20 |
| 59 | SSS | Data Sciences and Analytics | B.Sc (Hons.) Data Sciences and Analytics | 80 | 20 |
| 60 | SSS | Public Policy | Masters in Public Policy | 80 | 20 |
| 61 | FDS | FDS | BDS | 23 | 77 |
| 62 | FDS | Periodontology | MDS- Periodontology | 20 | 80 |
| 63 | FDS | Paediatric and Preventive Dentistry | MDS-Paediatric and Preventive Dentistry | 20 | 80 |
| 64 | FDS | Public Health Dentistry | MDS - Public Health Dentistry | 20 | 80 |
| 65 | FDS | Oral Medicine & Radiology | MDS-Oral Medicine & Radiology | 20 | 80 |
| 66 | FDS | Oral & Maxillofacial Surgery | MDS- Oral & maxillofacial surgery | 20 | 80 |
| 67 | FDS | Conservative Dentistry & Endodontics | MDS- Conservative Dentistry & Endodontics | 20 | 80 |
| 68 | FDS | Prosthodontics, Crown & Bridge | MDS- Prosthodontics, Crown & Bridge | 20 | 80 |
| 69 | FDS | Orthodontics | MDS- Orthodontics | 20 | 80 |
| 70 | FDS | Oral Pathology | MDS- Oral Pathology | 20 | 80 |
| 71 | FPH | Pharmacy | B.Pharm | 65 | 35 |
| 72 | FPH | Pharmacy | Pharm.D | 49 | 51 |
| 73 | FPH | Pharmacy | M. Pharm. In Pharmacognosy | 48 | 52 |
| 74 | FPH | Pharmacy | M. Pharm. In Pharmaceutical Chemistry | 48 | 52 |
| 75 | FPH | Pharmacy | M. Pharm. In Pharmaceutics | 48 | 52 |
| 76 | FPH | Pharmacy | M. Pharm. In Pharmacology | 48 | 52 |
| 77 | FPH | Pharmacy | M.Pharm in Pharmacy Practice | 48 | 52 |
| 78 | RINER | B.Sc. in Nursing | B.Sc. in Nursing | 33 | 67 |
| 79 | RINER | B.Sc. (Post Basic in Nursing) | B.Sc. (Post Basic in Nursing) | 26 | 74 |

Annexure 4

% Theory Vs % Practical instruction in each programme of study (2022-2023)

| S.No. | Faculty | Name of Department | Name of the programme offered in 2023-2024 | % of theory courses | % of practical courses |
|-------|---------|---|---|---------------------|------------------------|
| 80 | RINER | M.Sc. in Nursing | M.Sc. in Nursing | 34 | 66 |
| 81 | RCPT | Bachelor of Physiotherapy (BPT) | Bachelor of Physiotherapy (BPT) | 40 | 60 |
| 82 | RCPT | MPT in Musculoskeletal Sciences | MPT in Musculoskeletal Sciences | 20 | 80 |
| 83 | RCPT | MPT in Cardio Vascular & Pulmonary Sciences | MPT in Cardio Vascular & Pulmonary Sciences | 20 | 80 |
| 84 | RCPT | MPT in Neurological Sciences | MPT in Neurological Sciences | 20 | 80 |
| 85 | RCPT | MPT in Community Health | MPT in Community Health | 20 | 80 |
| 86 | RCPT | MPT in Paediatrics | MPT in Paediatrics | 20 | 80 |
| 87 | RMC | MBBS (Bachelor of Medicine Bachelor of Surgery) | MBBS (Bachelor of Medicine Bachelor of Surgery) | 40 | 60 |
| 88 | RMC | MD in Anatomy | MD in Anatomy | 20 | 80 |
| 89 | RMC | MD in Physiology | MD in Physiology | 20 | 80 |
| 90 | RMC | MD in Biochemistry | MD in Biochemistry | 20 | 80 |
| 91 | RMC | MD in Microbiology | MD in Microbiology | 20 | 80 |
| 92 | RMC | MD in Pathology | MD in Pathology | 20 | 80 |
| 93 | RMC | MD in Pharmacology | MD in Pharmacology | 20 | 80 |
| 94 | RMC | MD in Forensic Medicine | MD in Forensic Medicine | 20 | 80 |
| 95 | RMC | MD in Community Medicine | MD in Community Medicine | 20 | 80 |
| 96 | RMC | MD in General Medicine | MD in General Medicine | 20 | 80 |
| 97 | RMC | MS in General Surgery | MS in General Surgery | 20 | 80 |
| 98 | RMC | MS in Obstetrics and Gynaecology | MS in Obstetrics and Gynaecology | 20 | 80 |
| 99 | RMC | MD in Paediatrics | MD in Paediatrics | 20 | 80 |
| 100 | RMC | MS in Orthopaedics | MS in Orthopaedics | 20 | 80 |
| 101 | RMC | MD in Anaesthesiology | MD in Anaesthesiology | 20 | 80 |
| 102 | RMC | MD in Radiation Oncology | MD in Radiation Oncology | 18 | 82 |
| 103 | RMC | MS in Ophthalmology | MS in Ophthalmology | 20 | 80 |
| 104 | RMC | MD in Radio diagnosis | MD in Radio diagnosis | 20 | 80 |
| 105 | RMC | MD in Dermatology | MD in Dermatology | 20 | 80 |
| 106 | RMC | MS in Otorhinolaryngology | MS in Otorhinolaryngology | 18 | 82 |

Annexure 4

% Theory Vs % Practical instruction in each programme of study (2022-2023)

| S.No. | Faculty | Name of Department | Name of the programme offered in 2023-2024 | % of theory courses | % of practical courses |
|-------|---------|---|--|---------------------|------------------------|
| 107 | RMC | MD in Psychiatry | MD in Psychiatry | 20 | 80 |
| 108 | RMC | MD in Emergency Medicine | MD in Emergency Medicine | 20 | 80 |
| 109 | RMC | MD in Respiratory Medicine | MD in Respiratory Medicine | 20 | 80 |
| 110 | RMC | MD in Hospital Administration | MD in Hospital Administration | 14 | 86 |
| 111 | RMC | DM in Neurology | DM in Neurology | 20 | 80 |
| 112 | RMC | DM in Endocrinology | DM in Endocrinology | 20 | 80 |
| 113 | RMC | DM in Gastroenterology | DM in Gastroenterology | 20 | 80 |
| 114 | RMC | DM in Cardiology | DM in Cardiology | 20 | 80 |
| 115 | RMC | DM in Nephrology | DM in Nephrology | 20 | 80 |
| 116 | RMC | DM in Medical Oncology | DM in Medical Oncology | 20 | 80 |
| 117 | RMC | M.Ch. in Urology | M.Ch. in Urology | 20 | 80 |
| 118 | RMC | M.Ch. in Vascular Surgery | M.Ch. in Vascular Surgery | 20 | 80 |
| 119 | RMC | M.Ch. in Neuro Surgery | M.Ch. in Neuro Surgery | 20 | 80 |
| 120 | RMC | M.Ch. in Plastic Surgery | M.Ch. in Plastic Surgery | 20 | 80 |
| 121 | RMC | M.Ch. in Paediatric Surgery | M.Ch. in Paediatric Surgery | 20 | 80 |
| 122 | RMC | M.Ch in Surgical Oncology | M.Ch in Surgical Oncology | 20 | 80 |
| 123 | FAD | B. Voc. in Product Design and Modelling | B. Voc. in Product Design and Modelling | 40 | 60 |
| 124 | FHMCT | B. Voc. in Culinary Operations | B. Voc. in Culinary Operations | 46.15 | 53.85 |
| 125 | FET | B. Voc. in Mechatronics | B. Voc. in Mechatronics | 30 | 70 |
| 126 | FET | B. Voc. in Post - Harvest Technology | B. Voc. in Post - Harvest Technology | 30 | 70 |
| 127 | | Doctor of Philosophy | Doctor of Philosophy | 20 | 80 |

Annexure – 5

Annexure 5

| Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Uid |
|---|---|---|---------------------|---------------------|--|--|-----------------------------------|
| Manickavasagam Krishnan., V Sailaja., Jayanth B., K Deepa | 2022 Ieee Delhi Section Conference (delcon) | Intermediate Administrative System For Load Side Management In Different Kinds Of Load Present In A Cluster Of Micro Grid | 2022 | 978---1-6654-5884-9 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG-05/19/2022 06:56:52.134 PM |
| Sunil Sangve., Manish Bali., Anuradha Yenkar., Narendra Babu Chindanur | 2019 Ieee Pune Section International Conference (punecon) | Oacd-sa: Online Aspect Category Detection For Sentiment Analysis Using Unsupervised Learning | 2022 | 978---1-7281-1925-0 | Yes | IEEE | 018RSG-05/19/2022 07:15:10.581 PM |
| Narendra Babu Chindanur., Anuradha Yenkar., Sunil Sangve | 2019 Ieee Pune Section International Conference (punecon) | R-sa: A Rule-based Expert System For Sentiment Analysis | 2022 | 978---1-7281-1925-0 | Yes | IEEE | 018RSG-05/19/2022 07:54:08.899 PM |
| K G Sagar., P M Suresh., R Suresh | Materials Today: Proceedings | Wear Behavior Of Aluminum Alloy Reinforced With Beryl Metal Matrix Composites Using Taguchi Method | 2022 | 2214-7853 | Yes | ELSEVIER SCIENCE BV | 018RSG-05/19/2022 08:13:07.516 PM |
| Jyothi A.p., Shankar A., Narayan A.j.r., Bhavya K., Reddy S.v.v.s.m.s., Yashwanth A. | Proceedings Of 2022 Ieee International Conference On Current Development In Engineering And Technology, Ccet 2022 | Ai Methodologies In Upcoming Modern Warfare Systems | 2022 | 978---1665454-155 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG0523-004 |
| Bhattacharya D., Dutta D., Sharma N.k., Chetupalli S.r., Mote P., Ganapathy S., Chandrakiran C., Nori S., Suhail K.k., Gonuguntla S., Alagesan M. | Proceedings Of The Annual Conference Of The International Speech Communication Association, Interspeech | Analyzing The Impact Of Sars-cov-2 Variants On Respiratory Sound Signals | 2022 | 2308-457X | Yes | International Speech Communication Association | 018RSG0523-005 |
| Yalawar J.p., Suchita R., Vadde A., Manickavasagam K., Bekwad P. | 2022 22nd National Power Systems Conference, Npsc 2022 | Assessment Of Efficiency For Refurbished 3&ovbar Squirrel Cage Induction Motor Using No-load Field Data | 2022 | 978---1665462-020 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG0523-017 |
| Supriya M.s., Shankar S.p., Mohan Reddy S.s., Geethanjali R., Sathvika S., Sona Shetty R. | 4th International Conference On Circuits, Control, Communication And Computing, I4c 2022 | Classification Of Ventricular Arrhythmia Using Machine Learning And Deep Learning Techniques | 2022 | 979-8350397-475 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG0523-036 |
| Sunkara R., Singh A.k., Kadambi G.r. | 2023 International Conference On Machine Intelligence For Geoanalytics And Remote Sensing, Migars 2023 | Class Information-based Principal Component Analysis Algorithm For Improved Hyperspectral Image Classification | 2022 | 979-8350345-421 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG0523-037 |

Annexure 5

| Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Uid |
|---|--|---|---------------------|---------------------|--|--|-----------------------------------|
| Bhattacharya D., Dutta D., Sharma N.k., Chetupalli S.r., Mote P., Ganapathy S., Chandrakiran C., Nori S., Suhail K.k., Gonuguntla S., Alagesan M. | Proceedings Of The Annual Conference Of The International Speech Communication Association, Interspeech | Coswara: A Website Application Enabling Covid-19 Screening By Analysing Respiratory Sound Samples And Health Symptoms | 2022 | 2308-457X | Yes | International Speech Communication Association | 018RSG0523-057 |
| Navana B.r., Eldho R., Bhat A., Solomon Selva M., Vishnu Raju M., Manohar N. | Proceedings Of The 2022 3rd International Conference On Communication, Computing And Industry 4.0, C2i4 2022 | Design And Development Of An Iot Based Smart Helmet For Two Wheelers | 2022 | 978---1665474-979 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG0523-061 |
| Sharadhi A.k., Gururaj V., Shankar S.p., Supriya M.s., Bharadwaj A. | 4th International Conference On Circuits, Control, Communication And Computing, I4c 2022 | Electrocardiogram Based Cardiovascular Disease Detection With Ensemble Learning Classifier | 2022 | 979-8350397-475 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG0523-078 |
| Sarthak K., Singh K., Bhavya K., Gali S. | Materials Today: Proceedings | Glazing As A Bonding System For Zirconia Dental Ceramics | 2022 | 2214-7853 | Yes | Elsevier Ltd | 018RSG0523-094 |
| Subha R., Nayana B.r., Selvadass M. | 4th International Conference On Circuits, Control, Communication And Computing, I4c 2022 | Hybrid Machine Learning Model Using Particle Swarm Optimization For Effectual Diagnosis Of Alzheimer's Disease From Handwriting | 2022 | 979-8350397-475 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG0523-100 |
| Kalwa V., Ullegaddi M.m., Kittali P., Thottempudi B. | Materials Today: Proceedings | Ordinary Least Square Regression Technique For Predicting Wear Rate Of En8 Carbon Steel | 2022 | 2214-7853 | Yes | Elsevier Ltd | 018RSG0523-133 |
| Hari Krishna S.m., Jahnvi K., Abdulla A., Sumanth H., Gaur A., Tejaswini V. | 2022 International Conference On Futuristic Technologies, Incoft 2022 | Reservation System For Charging Electric Vehicles | 2022 | 978---1665450-461 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG0523-153 |
| Shreyansh Mishra., Sumeet Gupta., Shantanu Gupta., Malathi Sathish., Ugra Mohan Roy., Sana Kadambot S., Utkarsh Tiwari | Proceedings :women In Optics And Photonics In India | Optimization Of Integrated Optic Micro Ring Resonator Gas Sensor Using Machine Learning Technique | 2022 | - | Yes | - | 018RSG-06/08/2023 10:59:37.394 AM |
| Rashmi Gupta., Ugra Mohan Roy | Proceedings : Women In Optics And Photonics In India | Simulation Studies Of 77-ghz Optoelectronic-oscillator-based Microwave Photonic Radar | 2022 | - | Yes | - | 018RSG-06/08/2023 11:58:46.807 AM |
| Nida Farheen., Subarna Chatterjee | Advances In Intelligent Systems And Computing | Speech Based Emotion Detection Using R | 2022 | 978---9-8133-6880-4 | Yes | Springer Science and Business Media LLC | 018RSG-06/15/2021 04:21:07.226 PM |
| Nida Farheen., Subarna Chatterjee | Advances In Intelligent Systems And Computing | Machine Learning Approach For Audio Surveillance Using R | 2022 | 978---9-8133-6880-4 | Yes | Springer Science and Business Media LLC | 018RSG-06/15/2021 04:30:58.269 PM |

Annexure 5

| Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Uid |
|--|---|--|---------------------|---------------------|--|--|-----------------------------------|
| Shankargouda Patil., Prabhudeva., N Nithesh Kumar., Swathy Nair., Prajwal Kogodu Thirthappa | 2022 6th International Conference On Trends In Electronics And Informatics (icoei) | Design And Development Of Smart Portable Gadget For Mobility | 2022 | 978---1-6654-8329-2 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG-06/15/2022 06:38:24.452 PM |
| S H Manjunath., Dayananda Bannur Subbanna., R Thejaraju., K B Girisha | Lecture Notes In Mechanical Engineering | Numerical Analysis Of Turbulent Heat Exchanger Tube Using Novel Para-winglet Tape | 2022 | 978---9-8116-0158-3 | Yes | Springer Science and Business Media Deutschland GmbH | 018RSG-06/16/2021 10:16:09.364 AM |
| Sachin Satyanarayana., Sowmyashree., Anusha Vadde | Lecture Notes In Electrical Engineering | Comparative Analysis Of Modified Firefly Algorithm With Firefly Algorithm Mppt For Pv Module Under Partial Shaded Condition | 2022 | 978---9-8116-0748-6 | Yes | Springer Science and Business Media Deutschland GmbH | 018RSG-06/16/2021 10:22:32.401 AM |
| Nagaraja Rao Sulake., Indira Megharavalli Shankarappa., Kiran Kumar Bodaguru Muniraju | Lecture Notes In Electrical Engineering | Performance Evaluation Of Solar Pv Using Multiple Level Voltage Gain Boost Converter With C-I-c Cell | 2022 | 978---9-8116-0748-6 | Yes | Springer Science and Business Media Deutschland GmbH | 018RSG-06/16/2021 10:27:51.814 AM |
| Sharadhi A K., Deepak Varadam., Sahana Prabhu Shankar., Keerti R Umadi., Mushkan Kumar., Vybhavi Gururaj | 2022 International Conference On Decision Aid Sciences And Applications (dasa) | Comprehensive Survey Of Different Machine Learning Algorithms Used For Software Defect Prediction | 2022 | 978---1-6654-9502-8 | Yes | IEEE | 018RSG-06/16/2022 01:58:18.489 PM |
| M Sarvesh., Balappa Basalingappa Ukamanal | Lecture Notes In Mechanical Engineering | Design And Development Of Arachis Hypogaea (peanut) Decortication Machine | 2022 | 978---981-19-7708-4 | Yes | - | 018RSG-06/19/2023 04:42:17.225 PM |
| Anuradha Yenikar., Narendra Babu Chindanur | 2023 International Conference On Advancement In Computation & Computer Technologies | Spread Analysis And Prediction Of Covid-19 In India Using Machine Learning | 2022 | 979-8-3503-9649-2 | Yes | - | 018RSG-06/19/2023 04:48:14.298 PM |
| Kodirampura Jayaramappa Mallikarjunaiah., Sushma Athokpam., Brian Jeevan Fernandes., K P Ramesh | Materials Today: Proceedings | Effect Of The Zinc Substitution On The Physical And Optical Properties Of Tellurium Vanadate Glasses | 2022 | 2214-7853 | Yes | - | 018RSG-06/19/2023 05:11:38.753 PM |
| J K Kishore., Gayatri Malhotra., Punithavathi Duraiswamy | Lecture Notes In Networks And Systems | Ga Evolved Configuration Data For Embryonic Architecture With Built-in Self-test | 2022 | 978---3-031-27439-8 | Yes | - | 018RSG-06/19/2023 06:50:47.033 PM |
| H M Shashanka., Anantharamaiah Pendaranahalli Nadikeraiah., M Satish | Materials Today: Proceedings | Unravelling The Role Of Zirconium-substitution On The Magnetic Properties Of Nickel Ferrite Processed From Nanocrystalline Powders | 2022 | 2214-7853 | Yes | - | 018RSG-06/22/2023 01:29:06.009 PM |

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|--|---|---|---------------------|---------------------|--|--|--------------------------------------|
| S Kalpana., Thippeswamy Niranjana Prabhu., Anantharamaiah Pendaranahalli Nadikeraiah | Materials Today: Proceedings | Nanostructured ZnO.1co2.9o4 Material: Synthesis, Characterization And Its Applications For Energy Storage And Electrocatlytic Dye Degradation | 2022 | 2214-7853 | Yes | - | 018RSG-06/22/2023 01:39:41.270 PM |
| Bhoomika Prasad., M Ananth Padmanabha., Parv Goyal., Jayahar Sivasubramanian | international Space Planes And Hypersonic Systems And Technologies Conferences | Correction: [aerodynamic Shape Optimization Of A Hypersonic Missile Geometry] | 2022 | - | Yes | - | 018RSG-07/17/2023 06:49:09.527 PM |
| Subramanyam Thupalle., Madhusudhan Zalki., V Satish Kumar., S Amalanathan | Aip Conference Proceedings | Efficiency Of Indian Banks With Non-performing Assets As Undesirable Outputs | 2022 | 0094-243X | Yes | - | 018RSG-07/17/2023 07:14:30.561 PM |
| Naveen Kumar Thotakanama., Manickavasagam Krishnan., Manikandan Shanmugam | 2023 Ieee Ias Global Conference On Emerging Technologies | Power Control In Solar Battery Charging Station Using Fuzzy Decision Support System For Electric Vehicles | 2022 | 979-8-3503-3179-0 | Yes | - | 018RSG-07/18/2023 10:02:26.638 AM |
| Anusha Vadde., T G Keerthi., Y Gouthami., Meghana Tuppad Vishwanath., K M Sahana | Materials Today: Proceedings | Investigation Of Magnetic Flux Density On Conducting And Non-conducting Cylindrical Surface Using Magnetic Sensor | 2022 | 2214-7853 | Yes | Elsevier Ltd | 018RSG-07/21/2022 03:49:04.236 PM |
| Renuvenkataswamy Sunkara., Arvind Kumar Singh., Govind R Kadambi., Prameela Kumari N | 2022 Ieee International Conference On Distributed Computing And Electrical Circuits And Electronics (icdcece) | Hyperspectral Image Classification Using Digital Signature Comparison Based Classifier | 2022 | 978---1-6654-8317-9 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG-07/21/2022 08:04:58.763 PM |
| Prajwal Kogodu Thirthappa., Nikita Tenginakai | 2021 5th International Conference On Trends In Electronics And Informatics (icoei) | Pid Controller Based Two Wheeled Self Balancing Robot | 2022 | 978---1-6654-4687-7 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG-07/22/2021 12:14:44.214 PM |
| Ugra Mohan Roy., Abdul Imran Rasheed., Anil Raju Wadeyar | 2021 2nd International Conference For Emerging Technology (incet) | Design And Simulation Of Optical Fiber Communication Link By Ethernet Protocol Using Fpga | 2022 | 978---1-7281-7030-5 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG-07/22/2021 12:19:10.296 PM |
| Rinki Sharma., Nithin Rao Rajkumar | 2021 2nd International Conference For Emerging Technology (incet) | Survey Of Content Naming Schemes In Vehicular Named Data Network | 2022 | 978---1-7281-7030-5 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG-07/22/2021 12:22:50.851 PM |

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|--|---|--|---------------------|---------------------|--|--|-----------------------------------|
| Nirmal Pakhira., Ugra Mohan Roy | 2021 2nd International Conference For Emerging Technology (incet) | Analytical Analysis Of Figure Of Merit, Nonlinearity And Self-phase Modulation (spm) For The Generation Of 110ghz Opto-electronic Oscillator (oeo) | 2022 | 978---1-7281-7030-5 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018R5G-07/22/2021 12:27:02.212 PM |
| Ugra Mohan Roy., Susmita Kolavi | 2021 2nd International Conference For Emerging Technology (incet) | Design And Simulation Of Soa Based Optical Nand Gate For Photonics Fpga | 2022 | 978---1-7281-7030-5 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018R5G-07/22/2021 12:31:48.989 PM |
| Ugra Mohan Roy., Anz Muralidharan., Abdul Imran Rasheed | 2021 2nd International Conference For Emerging Technology (incet) | Design And Simulation Of Micro-ring Resonator Based Optical Comparator | 2022 | 978---1-7281-7030-5 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018R5G-07/22/2021 12:35:44.220 PM |
| Manoj Hegde., Nagaraja Rao Sulake., Indira Megharavalli Shankarappa | Lecture Notes In Electrical Engineering | Modified Cascaded Reversing Voltage Multilevel Inverter Using Optimal Switching Angle Technique For Photovoltaic Applications | 2022 | 978---9-8115-4691-4 | Yes | Springer | 018R5G-07/30/2020 02:44:10.283 PM |
| Suresh Rangappa., U S Mallik., Shivaramu Lakshmappa., N Praveen., A G Shivasiddaramaiah., S Prashantha | Aip Conference Proceedings | Synthesis And Evaluation Of Machining Characteristics Of Cu-al-mn Ternary Shape Memory Alloys Using Cnc Wire Electric Discharge Machining | 2022 | 0094-243X | Yes | American Institute of Physics Inc. | 018R5G-08/03/2020 10:23:29.481 AM |
| S Rajaraajeswari., Pethuru Raj., R S Saundharya Thejaswini | Advances In Intelligent Systems And Computing | A Power-efficient Security Device Leveraging Deep Learning (dl)-inspired Facial Recognition | 2022 | 978---9-8115-5284-7 | Yes | Springer | 018R5G-08/05/2020 03:05:35.324 PM |
| Manickavasagam Krishnan., Govind R Kadambi., Shweta S Hooli., Anusha Vadde | Lecture Notes In Electrical Engineering | Measurement Of Torque Using Leakage Flux For Induction Motors In Electric Vehicles By Non-invasive Method | 2022 | 978---9-8115-4691-4 | Yes | Springer | 018R5G-08/05/2020 03:12:53.633 PM |
| Manash Sharma., Subarna Chatterjee | Communications In Computer And Information Science | Identification And Prediction Of Alzheimer Based On Biomarkers Using 'machine Learning' | 2022 | 978---9-8115-6317-1 | Yes | Springer | 018R5G-08/10/2020 07:03:19.971 PM |
| Deveswaran Rajamanickam., Bharath Srinivasan., G Yashavanth., S Shanmuganathan., Mohammad Azamthulla., Sneha Ann Abraham | Materials Today: Proceedings | Honey Based Hydrogel As Delivery System For Wound Healing | 2022 | - | Yes | ELSEVIER | 018R5G-08/17/2021 06:32:22.984 PM |

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|---|---|--|---------------------|---------------------|--|--|-----------------------------------|
| Kiran Kumar Bodaguru Muniraju., Nagaraja Rao Sulake., Swathy Nair | Lecture Notes In Electrical Engineering | Three-level Modified Capacitor-assisted Extended Boost Z-source Multilevel Inverter For Photovoltaic Applications | 2022 | 978---9-8116-1475-0 | Yes | Springer Science and Business Media Deutschland GmbH | 018RSG-08/17/2021 06:39:53.889 PM |
| Abhishek Manjunath., Nayana N Patil | Iop Conference Series: Materials Science And Engineering | Effect Of Sustainable Materials On Embodied Energy, Carbon Footprint And Cost For A Proposed Conventional Apartment | 2022 | 1757-8981 | Yes | IOP Publishing | 018RSG-08/17/2021 06:53:30.042 PM |
| Akshayakumar Veeresh Hanagodimath., S Prajwal., Nayana N Patil | Iop Conference Series: Materials Science And Engineering | Implementation Of Sustainable Materials In An Existing Residential Building And Comparison | 2022 | 1757-8981 | Yes | IOP Publishing | 018RSG-08/17/2021 07:00:00.113 PM |
| Manjunath Mahadev Ullegaddi., Balappa Basalingappa Ukamanal., Mahendra Babu Neelakantanahally Channaiah | Lecture Notes In Mechanical Engineering | Design And Development Of Reaper For Harvesting Maize | 2022 | 978---9-8116-0549-9 | Yes | SPRINGER-VERLAG SINGAPORE PTE LTD | 018RSG-08/17/2021 07:04:34.069 PM |
| Pritam Bhat., Mahesh Kashinath Varpe | Lecture Notes In Mechanical Engineering | A Simplified Thermal Model To Predict Temperature Profile And Heat Generation Of Cylindrical Lithium-ion Cells | 2022 | 978---9-8119-2093-6 | Yes | Springer Science and Business Media Deutschland GmbH | 018RSG-08/17/2022 04:23:10.253 PM |
| Jeevan Sai., R Sohan., Shashank Vadlamani., S Likith | Iop Conference Series: Materials Science And Engineering | Linear, Nonlinear And Post Buckling Analysis Of A Stiffened Panel With Cutouts | 2022 | 1757-8981 | Yes | IOP Publishing | 018RSG-08/17/2022 05:56:09.009 PM |
| Aditi Paul., Rikitha Shetty., Saniha Alva., Nandesh O N., Pallaviram Sure | 2022 3rd International Conference For Emerging Technology (incet) | A Usrp Based Uhf Wireless Sensor Node And Fusion Centre For Aquaponics System Monitoring | 2022 | 978---1-6654-9500-4 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG-08/17/2022 06:25:36.359 PM |
| Babashankar Alva Mithalike., Harshitha Gowda Bangalore Hanumanthe., Marilyn Tereza Rodrigues | Materials Today: Proceedings | Comparison Of Stress Distribution Of Different Retention Systems On A Distal Extension Cast Partial Denture- A 3-dimensional Finite Element Analysis | 2022 | - | Yes | Elsevier BV | 018RSG-08/18/2021 10:24:39.627 AM |
| Sohail Khazi., Anusha Vadde., Manickavasagam Krishnan., Jagadeesha., Venkat Narayanan., B M Lokesh., Swapan Sarkar., Govind R Kadambi | Lecture Notes In Electrical Engineering | Analyzation Of Temperature Rise In Induction Motor For Electric Vehicles | 2022 | 978---9-8116-1475-0 | Yes | Springer Science and Business Media Deutschland GmbH | 018RSG-08/18/2021 10:50:03.334 AM |

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|---|---|---|---------------------|---------------------|--|--|-----------------------------------|
| Akarsh M S., Roopesh N., Narendra Babu Chindanur | 2021 International Conference On Information Technology (icit) | An Optimal Data Entry Method, Using Web Scraping And Text Recognition | 2022 | 978---1-6654-2871-2 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG-08/18/2021 11:03:18.129 AM |
| Sandhya Kadamboor Veethil., Thomas Christy Bobby., Sumedha Sanjiv Kulkarni., M Vijaya Madhavi | Lecture Notes In Electrical Engineering | A Simple Image Processing Technique For Non-invasive Blood Glucose Monitoring | 2022 | 978---9-8115-8220-2 | Yes | Springer Science and Business Media Deutschland GmbH | 018RSG-08/18/2021 11:54:40.158 AM |
| Vanukuri Gowthami., Santoshi Kumari Mahesh., Harshitha K Reddy., Chandan S Kulkarni | Global Transitions Proceedings | Debunking Health Fake News With Domain Specific Pre-trained Model | 2022 | 2666-285X | Yes | Elsevier BV | 018RSG-08/18/2021 12:19:37.813 PM |
| Punithavathi Duraiswamy., T Sunil Kumar | Lecture Notes In Mechanical Engineering | Optimization Of Kalman Filter For Target Tracking Applications | 2022 | 978---9-8115-5431-5 | Yes | Springer Science and Business Media Deutschland GmbH | 018RSG-09/01/2020 06:47:40.673 PM |
| Sriram Atheya Thulasiram., Narahari Krishnamurthy Hunsur | Lecture Notes In Mechanical Engineering | Study Of Wing Flutter At Preliminary Stages Of Design | 2022 | 978---9-8115-5431-5 | Yes | Springer Science and Business Media Deutschland GmbH | 018RSG-09/01/2020 06:52:43.125 PM |
| Nagaraja Rao Sulake., Praveenkumar Varanasi., Veerabhadra | Lecture Notes In Electrical Engineering | An Enhanced Boost Z-source Inverter Topology For Electrical Vehicle Applications | 2022 | 978---9-8116-1475-0 | Yes | Springer Science and Business Media Deutschland GmbH | 018RSG-09/16/2021 03:42:19.802 PM |
| Pushpalatha Chikkahanumantharayappa | Abstracts Of International Conferences And Meetings | Effect Of Theobromine Based Dental Varnish On The Enamel Surface Microhardness-an In Vitro Study | 2022 | - | Yes | Zenodo | 018RSG-09/16/2021 05:21:49.292 PM |
| Darshan Ramesh., Sindhu Abraham., Megha Krishnappa., Bharath Srinivasan | Materials Today: Proceedings | Sterile Thermoresponsive Formulations For Emergency Management Of Burns | 2022 | 2214-7853 | Yes | Materials Science | 018RSG-09/20/2022 02:59:39.403 PM |
| Swathy Nair., Prajwal Kogodu Thirthappa., Nagaraja Rao Sulake., Kiran Kumar Bodaguru Muniraju | Lecture Notes In Electrical Engineering | Performance Analysis Of A High Gain Quasi Z-source Network Based Cascaded H-bridge Multi-level Inverter | 2022 | 978---9-8119-2280-0 | Yes | Springer Science and Business Media LLC | 018RSG-09/20/2022 03:03:13.821 PM |
| B Divyashree., Veerabhadra., Nagaraja Rao Sulake | Lecture Notes In Electrical Engineering | An Assessment Of Criss-cross Multilevel Inverter With Fault Tolerance For Electric Vehicle Applications | 2022 | 978---9-8119-2280-0 | Yes | Springer Science and Business Media LLC | 018RSG-09/20/2022 03:08:49.658 PM |
| Santoshi Kumari Mahesh., Pushphavathi Thotadara Parameshwarappa | Lecture Notes On Data Engineering And Communications Technologies | Question Answering And Text Generation Using Bert And Gpt-2 Model | 2022 | 978---9-8119-3014-0 | Yes | Springer Science and Business Media LLC | 018RSG-09/20/2022 03:11:37.129 PM |

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|--|---|--|---------------------|-----------------------|--|--|-----------------------------------|
| Sridhar R V L N., Chandana R., Malathi Sathish., Sriram K V., Shashank Pandey., Prashanth C U., Umesh S B., Elumalai S | 2022 Ieee International Conference On Electronics, Computing And Communication Technologies (conecct) | An Automatic Peak Finding And Fitting Aspects Of Laser Induced Plasma Spectra Acquired In High Vacuum: Tradeoff Simulations And Statistics | 2022 | 978---1-6654-978--2-4 | Yes | Institute of Electrical and Electronics Engineers (IEEE) | 018RSG-09/21/2022 10:50:41.858 AM |
| Nandyala Dhani Gangadhar., Govind R Kadambi | 2022 Ieee International Conference On Electronics, Computing And Communication Technologies (conecct) | Complete Solution Of A Markov Modulated Tandem Fluid Queueing Model Of A Voice Network | 2022 | 978---1-6654-978--2-4 | Yes | Institute of Electrical and Electronics Engineers (IEEE) | 018RSG-09/21/2022 10:56:12.570 AM |
| Viswanath Krishna Reddy., Soumya Jyoti Raychaudhuri | 2020 Ieee International Conference On Electronics, Computing And Communication Technologies (conecct) | Analysis Of Character Dimensions In Vehicle Number Plates | 2022 | 978---1-7281-6829-6 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG-09/24/2020 03:42:29.511 PM |
| B A Madhushree., Nandyala Dhani Gangadhar., K S Prafulla Kumari | 2020 Ieee International Conference On Electronics, Computing And Communication Technologies (conecct) | Modelling And Mining Brain Network Data For Diagnosis Of Neurodegenerative Diseases | 2022 | 978---1-7281-6829-6 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG-09/24/2020 03:51:09.656 PM |
| Sagar D., Unni A. | 2022 Ieee 7th International Conference For Convergence In Technology, I2ct 2022 | A Study On Instability And Parameter Drift In Electric Vehicle Battery Packs | 2022 | 978---1665421683 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG0922-010 |
| Ramanathan A., Christy Bobby T. | Communications In Computer And Information Science | Classification Of Corpus Callosum Layer In Mid-sagittal Mri Images Using Machine Learning Techniques For Autism Disorder | 2022 | 978---9813364622 | Yes | Springer Science and Business Media Deutschland GmbH | 018RSG0922-015 |
| Sudha B., Praveen L.s., Vadde A. | Materials Today: Proceedings | Classification Of Faults In Distribution Transformer Using Machine Learning | 2022 | 2214-7853 | Yes | Elsevier Ltd | 018RSG0922-016 |
| Anil Kumar S., Mahendra Babu N.c. | Lecture Notes In Mechanical Engineering | Cold Expansion Of Elongated Hole: A Realistic Finite Element Simulation | 2022 | 978---9811511882 | Yes | Springer Science and Business Media Deutschland GmbH | 018RSG0922-017 |
| Ghosh T., Deveswaran R., Bharath S. | Materials Today: Proceedings | Copper Crosslinked Carboxymethyl Chitosan-gelatin Scaffolds: A Potential Antibacterial And Cytocompatible Material For Biomedical Applications | 2022 | 2214-7853 | Yes | Elsevier Ltd | 018RSG0922-018 |

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|--|--|--|---------------------|------------------|--|--|----------------|
| Ullegaddi M.m., Mahandra Babu N.c., Faisal A.r., Mohammad M., Shreenidhi M.s., Anjum S. | Materials Today: Proceedings | Design And Development Of Compact Foxtail Millet Deshelling Machine | 2022 | 2214-7853 | Yes | Elsevier Ltd | 018RSG0922-023 |
| Rahul Raj S., Anirudh N., Jorapur C., Babitha R., Singh A., Patil N.n., Mudakavi J.r., Prabhu T.n. | Lecture Notes In Civil Engineering | Development Of Carbon Dioxide Absorbing Concrete For Urban Pavements—an Experimental Study | 2022 | 978---9811918612 | Yes | Springer Science and Business Media Deutschland GmbH | 018RSG0922-024 |
| Joy J., Rahul V., Sagar D. | 2022 IEEE 7th International Conference For Convergence In Technology, I2ct 2022 | Dynamic Vehicular Diagnostic Tool For Identifying Random Errors & Real-time Solution Providers Using Android Based Multi-variant End User Profiles | 2022 | 978---1665421683 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG0922-025 |
| Karthik Swaroop Kumar S., Patil N.n. | Materials Today: Proceedings | Evaluation Of Strength, Durability Characteristics Of Flyash, Ggbfs And Alccofine Based Self-compacting Geopolymer Concrete | 2022 | 2214-7853 | Yes | Elsevier Ltd | 018RSG0922-029 |
| Nishanth L., Patil D.n.n. | Materials Today: Proceedings | Experimental Evaluation On Workability And Strength Characteristics Of Self-consolidating Geopolymer Concrete Based On Ggbfs, Flyash And Alccofine | 2022 | 2214-7853 | Yes | Elsevier Ltd | 018RSG0922-030 |
| Mathew A., Daiv K., Goud P.r., Talreja P., Vatte S.s.r. | Proceedings - 2021 International Conference On Computing Sciences, Iccs 2021 | Face Spoof Detection Using Gray Level Co-occurrence Matrix And Discrete Wavelet Transform Feature Extractor | 2022 | 978---1665494458 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG0922-031 |
| Syndor D., Aileen J. | Proceedings On Engineering Sciences | Hospital Furniture: Expectations Of Patients Toward Furniture In Healthcare Setting | 2022 | 2620-2832 | Yes | Faculty of Engineering, University of Kragujevac | 018RSG0922-036 |
| Pawar S., Shedge S., Panigrahi N., Jyoti A.p., Thorave P., Sayyad S. | 2022 International Conference On Machine Learning, Big Data, Cloud And Parallel Computing, Com-it-con 2022 | Leaf Disease Detection Of Multiple Plants Using Deep Learning | 2022 | 978---1665496025 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG0922-040 |

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|--|---|--|---------------------|---------------------|--|---|-----------------------------------|
| Murthy S.s., Patil N.n. | Materials Today: Proceedings | Mechanical And Durability Characteristics Of Flyash And Ggbfs Based Polypropylene Fibre Reinforced Geopolymer Concrete | 2022 | 2214-7853 | Yes | Elsevier Ltd | 018RSG0922-041 |
| Jalali A., Arjun Manoj K.p., Amulya N., Siddiqua A., Singh A.k., Hari Krishna S.m. | 2022 Ieee 7th International Conference For Convergence In Technology, I2ct 2022 | Mobile Application For Personalized Food Recommendation | 2022 | 978---1665421683 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG0922-042 |
| Angadi P.g., Siva Kota Reddy P., Shivaprasanna G.s., Somashekhara G. | Proceedings Of The Jangjeon Mathematical Society | On Weakly Symmetric Generalized (k,μ)-space Forms | 2022 | 1598-7264 | Yes | Jangjeon Research Institute for Mathematical Sciences and Physics | 018RSG0922-048 |
| Mathew A., Antony A., Mahadeshwar Y., Khan T., Kulkarni A. | Materials Today: Proceedings | Plant Disease Detection Using Glcm Feature Extractor And Voting Classification Approach | 2022 | 2214-7853 | Yes | Elsevier Ltd | 018RSG0922-050 |
| Somashekhara G., Siva Kota Reddy P., Shivashankara K., Pavani N. | Proceedings Of The Jangjeon Mathematical Society | Slant Sub-manifolds Of Generalized Sasakian-space-forms | 2022 | 1598-7264 | Yes | Jangjeon Research Institute for Mathematical Sciences and Physics | 018RSG0922-056 |
| Hari Krishna S.m., Sharma A., Srivastava A., Stephen A.a., Shreeya C.y., Chaitanya Priya K.j., Dhanush Jain M. | 2022 Ieee 7th International Conference For Convergence In Technology, I2ct 2022 | Trip Planner And Recommender Using Flutter And Tensor Flow | 2022 | 978---1665421683 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG0922-061 |
| Manish Bali., P V R Murthy | Advances In Intelligent Systems And Computing | Bio-molecular Event Extraction Using Classifier Ensemble-of-ensemble Technique | 2022 | 978---9-8115-5618-0 | Yes | Springer Science and Business Media Deutschland GmbH | 018RSG-10/12/2020 12:00:13.276 PM |
| P Anbazhagan., Ashish Verma., R Babitha | Lecture Notes In Civil Engineering | Study Of Techno-legal Aspects Of Accident Site Investigation—a Case Study From Bengaluru | 2022 | 978---9-8119-4203-7 | Yes | - | 018RSG-10/17/2022 11:24:07.306 AM |
| Sreenivas Sai Phanindra Padala., Divakar Laxmana Naik., P Vijay Kumar | Lecture Notes In Civil Engineering | Buffer Sizing In Construction Scheduling Using Critical Chain Project Management | 2022 | 978---9-8119-4039-2 | Yes | - | 018RSG-10/17/2022 11:33:39.836 AM |
| Tanmoy Ghosh., V P Apoorva., U K Manisha., B V Basavraj., B Divya., S P Swathy., Ankita Paul | Materials Today: Proceedings | Isolation, Phytochemical Elucidation, And Wound Healing Potential Of Chitosan-based Film Loaded With Tagetes Erecta | 2022 | 2214-7853 | Yes | - | 018RSG-10/17/2022 12:33:20.017 PM |
| Panchaksharayya S Hiremath., S Arun Kumar., Preethi Biradar., Manjunath Somashekar., Kalyan Ram Bhimavaram | Online Engineering And Society 4.0 | Remote Labs For Communications | 2022 | 978---3-0308-2529-4 | Yes | SPRINGER INTERNATIONAL PUBLISHING AG | 018RSG-10/20/2021 01:38:56.689 PM |

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|---|--|--|---------------------|---------------------|--|--|-----------------------------------|
| Parinita Bora., Subarna Chatterjee | Algorithms For Intelligent Systems | A Review On Deep Learning Framework For Alzheimer's Disease Detection From Mri | 2022 | 978---9-8116-3801-5 | Yes | Springer Science and Business Media LLC | 018RSG-10/20/2021 03:27:14.710 PM |
| Navin K Ipe., Subarna Chatterjee | Algorithms For Intelligent Systems | Haar Features And Jeet Optimization For Detecting Human Faces In Images | 2022 | 978---9-8133-4892-9 | Yes | Springer Science and Business Media LLC | 018RSG-10/20/2021 10:43:45.409 AM |
| Siddique Sha | Spast Abstracts | An Overview On Smart Polymers As The Backbone To Hard Tissue Formation | 2022 | - | Yes | Institute of Physics | 018RSG-10/20/2021 11:20:46.043 AM |
| Sudhir Kumar Patnaik., Narendra Babu Chindanur | 2021 6th International Conference On Computer Science And Engineering (ubmk) | Information Retrieval From Web With Faster R-cnn Deep Learning Networks: A New Perspective | 2022 | 978---1-6654-2909-2 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG-10/20/2021 12:04:34.266 PM |
| Malathi Sathish., M Adarsha | Lecture Notes In Electrical Engineering | Effective Utilization Of Channel Spacing In Elastic Optical Network For 400 Gb/s Transmission | 2022 | 978---9-8116-4624-9 | Yes | Springer Science and Business Media Deutschland GmbH | 018RSG-10/20/2021 12:10:15.748 PM |
| N Chinmayi., Sunil Kumar Yelekere Chinna., Manikanta Swamy Murahari | Aip Conference Proceedings | Synthesis Of 3, 4-dihydropyrimidin-2(1h)-one Derivatives And Evaluation Of Their Antibacterial Activity | 2022 | 0094-243X | Yes | American Institute of Physics Inc. | 018RSG-10/23/2020 01:03:12.766 PM |
| Pushpalatha Chikkahanumantharayappa., K G Niharika., Deveswaran Rajamanickam | Aip Conference Proceedings | Assessment Of Biocompatibility Of Cranberry And Grape Seed Extract As An Intracanal Medicament | 2022 | 0094-243X | Yes | American Institute of Physics Inc. | 018RSG-10/23/2020 01:09:22.047 PM |
| Deveswaran Rajamanickam., Kavita Komandur., Pushpalatha Chikkahanumantharayappa | Aip Conference Proceedings | Formulation Of A Ginger Extract Liquid Bandage And In-vitro Assessment Of Physical And Chemical Characteristics | 2022 | 0094-243X | Yes | American Institute of Physics Inc. | 018RSG-10/23/2020 01:15:30.939 PM |
| K Prashantha., B J Rashmi | Aip Conference Proceedings | Rotational Molding Of Thermoplastic Polyurethane | 2022 | 0094-243X | Yes | American Institute of Physics Inc. | 018RSG-10/23/2020 01:23:12.819 PM |
| Saloni Bharadwaj., Ashmitha Kishan Shetty | Aip Conference Proceedings | Umbilical Cord Blood Serum Extract As An Antimicrobial Biomaterial On Streptococcus Mutans And Lactobacillus Acidophilus | 2022 | 0094-243X | Yes | American Institute of Physics Inc. | 018RSG-10/23/2020 01:30:46.495 PM |

Annexure 5

| Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Uid |
|---|-----------------------------|---|---------------------|-------------|--|------------------------------------|-----------------------------------|
| K Srikari., Ravishankar Krishna., Harshitha Gowda Bangalore Hanumanthe | Aip Conference Proceedings | Assessment Of Inorganic And Organic Components In Demineralized Tooth Graft Material | 2022 | 0094-243X | Yes | American Institute of Physics Inc. | 018RSG-10/23/2020 01:41:15.768 PM |
| Kalpana Sharma., Vikas Manohar Shelar., U Meghana., Raveendra Melavanki., P Bhavya., S Vijayanthimala., B Suma | Aip Conference Proceedings | Role Of Solvent Polarity On Fluorescence Quenching Of 3moce In Binary Solvent Mixtures | 2022 | 0094-243X | Yes | American Institute of Physics Inc. | 018RSG-10/23/2020 01:51:45.139 PM |
| G R Nikhila., Sheetal Batakurki., B C Yallur | Aip Conference Proceedings | Synthesis, Characterization And Antioxidant Studies Of Benzo[4, 5]imidazo[2, 1-b]thiazole Derivatives | 2022 | 0094-243X | Yes | American Institute of Physics Inc. | 018RSG-10/23/2020 02:03:55.391 PM |
| R Damini., Premakumar Halanur Basavarajaiah., G P Darshan., H Nagabhushana | Aip Conference Proceedings | Structural And Photoluminescence Of Sm ³⁺ Doped La ₂ O ₃ Nanophosphor | 2022 | 0094-243X | Yes | American Institute of Physics Inc. | 018RSG-10/23/2020 02:10:57.984 PM |
| Anantharamaiah Pendaranahalli Nadikeraiah., Sanjukta Mondal., Ojas Raman., S Kalpana., Thippeswamy Niranjana Prabhu | Aip Conference Proceedings | Studies On Electrocatalytic Degradation Of Malachite Green Dye Using Zn _{0.5} Co _{2.5} O ₄ /n-doped Rgo Nanocomposite Coated Stainless Steel Electrode | 2022 | 0094-243X | Yes | American Institute of Physics Inc. | 018RSG-10/23/2020 02:17:49.079 PM |
| Harshitha Gowda Bangalore Hanumanthe., Deveswaran Rajamanickam., Sweekriti Mishra., Sanobar Khan., Anoop Sharma | Aip Conference Proceedings | Assessment Of The Effectiveness And Biocompatibility Of Hydrogel Patch Incorporated With Drug On Denture Induced Traumatic Ulcers | 2022 | 0094-243X | Yes | American Institute of Physics Inc. | 018RSG-10/23/2020 02:24:11.843 PM |
| Pushpalatha Chikkahanumantharayappa., Ananditha Stephen., Deveswaran Rajamanickam | Aip Conference Proceedings | Assessment Of Antioxidant Activity Of An Intracanal Medicament Containing Grape Seed Extract | 2022 | 0094-243X | Yes | American Institute of Physics Inc. | 018RSG-10/23/2020 12:21:48.950 PM |
| Nayana N Patil., Rajashekhar Swamy Harakabhavi Mutt., Manisha | Aip Conference Proceedings | Seismic Analysis Of Multistoreyed Building And Retrofitting Using Different Bracing Systems | 2022 | 0094-243X | Yes | American Institute of Physics Inc. | 018RSG-10/23/2020 12:27:00.353 PM |
| Deveswaran Rajamanickam., Pushpalatha Chikkahanumantharayappa., Swaroop Hegde | Aip Conference Proceedings | Biocompatibility And Sustained Drug Release Prolife Of Novel Cocoa Polyphenol Varnish | 2022 | 0094-243X | Yes | American Institute of Physics Inc. | 018RSG-10/23/2020 12:32:14.625 PM |

Annexure 5

| Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Uid |
|--|---|--|---------------------|---------------------|--|--|-----------------------------------|
| B Suvidha., Deveswaran Rajamanickam., Tatikonda Supriya., Ashmitha Kishan Shetty., Saloni Bharadwaj., S D Bhumika., Mygapula Shalini | Aip Conference Proceedings | Characterization Of Egg Shell Powder And Its Potential Role In Biomineralisation Intended For Vital Pulp Therapy | 2022 | 0094-243X | Yes | American Institute of Physics Inc. | 018RSG-10/23/2020 12:43:38.515 PM |
| Pushpalatha Chikkahanumantharayappa., Deveswaran Rajamanickam., Shreya Johari | Aip Conference Proceedings | Formulation And Antimicrobial Assessment Of Intracanal Medicament Containing Oregano Essential Oil | 2022 | 0094-243X | Yes | American Institute of Physics Inc. | 018RSG-10/23/2020 12:57:05.409 PM |
| Abhyudya Bajpai., Abhinav Mishra., Anubhav Mishra., Anuroop Mishra | 2020 International Conference On Smart Electronics And Communication (icosec) | Implementation Of Blockchain For Fair Polling System | 2022 | 978---1-7281-5462-6 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG-10/28/2020 07:09:18.777 PM |
| Anubhav Mishra., Abhinav Mishra., Anuroop Mishra., Abhyudya Bajpai | 2020 International Conference On Smart Electronics And Communication (icosec) | Autonomous Defence Vehicle For Precise Targeting And Mission Accomplishment – A Survey Of Various Technologies | 2022 | 978---1-7281-5462-6 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG-10/28/2020 07:31:04.916 PM |
| Bhavya P., Melavanki R., Narayanappa C.k., Kusanur R., Meghana U., Suma B. | Macromolecular Symposia | Binding Interaction Between Boronic Acid Derivatives With Monosaccharaides: Effect Of Structural Change Of Monosaccharaides Upon Binding Using S–v Plots | 2022 | 1022-1360 | Yes | WILEY-V C H VERLAG GMBH | 018RSG1020-005 |
| Rangapur I., Prasad B.k.s., Suresh R. | Procedia Computer Science | Design And Development Of Spherical Spy Robot For Surveillance Operation | 2022 | 1877-0509 | Yes | Elsevier B.V. | 018RSG1020-010 |
| Gandhi S.u., Prasad B.k.s. | Procedia Computer Science | Modelling And Intelligent Control Of Micro Pmbldc For Surgical Robotic Applications | 2022 | 1877-0509 | Yes | Elsevier B.V. | 018RSG1020-026 |
| Bhavya K., Somashekhara G. | Journal Of Physics: Conference Series | On Pseudo-slant Sub-manifolds Of Generalised Sasakian Space Form | 2022 | 1742-6588 | Yes | Institute of Physics Publishing | 018RSG1020-028 |
| Shivaprasanna G.s., Haque M.s., Somashekhara G. | Journal Of Physics: Conference Series | H-ricci Soliton On F-kenmotsu Manifolds. | 2022 | 1742-6588 | Yes | Institute of Physics Publishing | 018RSG1020-043 |
| Angadi P.g., Shivaprasanna G.s., Somashekhara G. | Journal Of Physics: Conference Series | H-ricci Solitons In A-para Kenmotsu Manifolds | 2022 | 1742-6588 | Yes | Institute of Physics Publishing | 018RSG1020-044 |

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| Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Uid |
|--|---|--|---------------------|-----------------------|--|--|-----------------------------------|
| M Preethish Kumar., P H Raghavendra., R S Saundharya Thejaswini., Kaavya Venugopal., J Niveditha., Pallaviram Sure | 2020 Ieee 3rd 5g World Forum (5gwf) | Wideband Spectrum Sensing Using Sub-nyquist Sampling Approaches | 2022 | 978---1-7281-7300-9 | Yes | IEEE | 018RSG-11/03/2020 01:39:19.218 PM |
| Nithin Rao Rajkumar., Rinki Sharma | 2021 Ieee Madras Section Conference (mascon) | Analysis Of Interest And Data Packet Behaviour In Vehicular Named Data Network | 2022 | 978---1-6654-4736-2 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG-11/18/2021 06:56:01.167 PM |
| Anusha Vadde., Ranjith Pawar Govinda Rao., Satish Kumar K V., Praveen Lakkur Srinivas Reddy | 2022 Ieee International Conference On Electronics, Computing And Communication Technologies (conecct) | Development Of Intelligent Cradle For Infant Monitoring System | 2022 | 978---1-6654-978--2-4 | Yes | - | 018RSG-11/18/2022 02:37:08.068 PM |
| Sumedha S K., Sandhya Kadamboor Veethil | Conference On Drug Design And Discovery Technologies | Estimation Of Salivary Glucose By Various Paper-based Colourimetric Methods | 2022 | 978---1-83916-078-3 | Yes | - | 018RSG-11/18/2022 03:31:20.563 PM |
| Bharkhavy K V | Spast Abstracts | Antimicrobial Activity Of Silver Nanoparticles: An In-vitro Study | 2022 | - | Yes | Institute of Physics | 018RSG-11/19/2021 10:46:46.387 AM |
| Eshwar Reddy Hosakote Narayana., N Anirudh., Sreenivas Sai Phanindra Padala | Lecture Notes In Civil Engineering | Development Of Ann-based Risk Prediction Model In Construction Projects | 2022 | 978---9-8119-5076-6 | Yes | - | 018RSG-11/21/2022 04:05:29.955 PM |
| N Balaji., D Beula., Indira Megharavalli Shankarappa | Lecture Notes In Electrical Engineering | Simulation Of Modular Fly-back Current-fed Push-pull Dc-dc Converter For High Voltage Low Current Applications | 2022 | 978---9-8119-4974-6 | Yes | - | 018RSG-11/21/2022 04:20:26.690 PM |
| Somashekar Manjunath., Prathap Halasuru Manjunath | Lecture Notes In Networks And Systems | A Novel Approach For Financial Markets Forecasting Using Deep Learning With Long Short Term Networks | 2022 | 978---3-0311-7090-4 | Yes | - | 018RSG-11/21/2022 04:30:56.948 PM |
| Sravani Kaveti., Nayana N Patil., Debasish Kar., L Nishanth., Nivedita Kumbar | Materials Today: Proceedings | Influence Of E-coli On Workability And Strength Characteristics Of Self-consolidating Geopolymer Concrete Based On Ggbfs, Flyash And Alccofine | 2022 | 2214-7853 | Yes | - | 018RSG-11/22/2022 04:29:30.791 PM |
| Ashika A Sharma., Manish Haveri., Akshayakumar Veeresh Hanagodimath | Lecture Notes In Civil Engineering | Structural Evaluation And Retrofitting Of A Commercial Building | 2022 | 978---9-8119-5076-6 | Yes | - | 018RSG-11/22/2022 04:39:04.887 PM |

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| Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Uid |
|---|---|--|---------------------|---------------------|--|--|-----------------------------------|
| Harsha A R., Pranupa Siddegowda., Kiran Kumar Bodaguru Muniraju., Nagaraja Rao Sulake., Indira Megharavalli Shankarappa | International Conference On Smart Technologies In Computing, Electrical And Electronics | Arduino Based V/f Drive For A Three Phase Induction Motor Using Single Phase Supply | 2022 | 978---1-7281-7213-2 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG-11/25/2020 01:15:25.706 PM |
| Premakumar Halanur Basavarajaiah., E Veena., H Nagabhushana., G P Darshan., D Kavyashree | Aip Conference Proceedings | Structural And Luminescence Properties Of Highly Efficient Ag/ceo2 Nanomaterial Synthesized Via Hydrothermal Route | 2022 | 0094-243X | Yes | AMER INST PHYSICS | 018RSG-12/03/2020 10:25:23.376 AM |
| Srikanth S., Prabhudeva., Shankaragouda R Patil., N Nitesh Kumar., Shama Ravichandran | 2021 Fourth International Conference On Electrical, Computer And Communication Technologies (icecct) | Feedback Controller Design For A Dc-dc Buck Converter | 2022 | 978---1-6654-4751-5 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG-12/14/2021 01:25:59.820 PM |
| Rajasekhar Nannapaneni., Subarna Chatterjee | Algorithms For Intelligent Systems | Human Emotion Recognition Through Facial Expressions | 2022 | 978---9-8133-4892-9 | Yes | Springer Science and Business Media LLC | 018RSG-12/14/2021 01:31:04.910 PM |
| Ganesh U Navadeep., B C Vanishree., K Soujanya., Shwetha Hiremath., N.j Thanusha., Kiran Kumar Bodaguru Muniraju | 2021 International Conference On Recent Trends On Electronics, Information, Communication & Technology (rteict) | A Solar Powered Kiosk For Contactless Body Temperature Sensor And Hand Sanitizer Dispenser To Monitor And Control Covid-19 Disease | 2022 | 978---1-6654-0254-5 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG-12/14/2021 01:43:33.468 PM |
| Sachin Satyanarayana., Aslesh Kumar Avadhanula., Anusha Vadde | 2021 International Conference On Recent Trends On Electronics, Information, Communication & Technology (rteict) | Finite Element Analysis And Mathematical Modelling Of Rosen Piezoelectric Transformer: A Review | 2022 | 978---1-6654-0254-5 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG-12/14/2021 01:47:58.254 PM |
| Sushant Govindraj., Dhruv Shindhe S., S N Omkar | 2021 IEEE International Conference On Electronics, Computing And Communication Technologies (conecct) | Real-time Violence Activity Detection Using Deep Neural Networks In A Cctv Camera | 2022 | 978---1-6654-2850-7 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG-12/14/2021 01:55:52.188 PM |
| B R Karthikeyan., Shobha S | 2021 IEEE International Conference On Electronics, Computing And Communication Technologies (conecct) | Feature Selection On Mri Data For Improved Classification Of Alzheimer Disease | 2022 | 978---1-6654-2850-7 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG-12/14/2021 01:59:46.534 PM |
| J K Kishore., Gayatri Malhotra., Punithavathi Duraiswamy | 2021 IEEE International Conference On Electronics, Computing And Communication Technologies (conecct) | Evolving Embryonic Cell For Combinational Circuits Using Cartesian Genetic Programming | 2022 | 978---1-6654-2850-7 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG-12/14/2021 02:06:38.831 PM |

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| Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Uid |
|--|--|--|---------------------|---------------------|--|--|-----------------------------------|
| Prashanth C Upadhy., Yashas R Sannalike., K V Sriram., Malathi Sathish., S B Umesh., Saibala Sundram., S Elumalai., R V L N Sridhar., Thomas Christy Bobby | 2021 IEEE International Conference On Electronics, Computing And Communication Technologies (conecct) | Denoising And Baseline Correction Prospects Of Laser Induced Plasma Spectra Acquired Under Low Pressure Conditions: Comparison Of Algorithms And Optimization Perspectives | 2022 | 978---1-6654-2850-7 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG-12/14/2021 02:13:30.886 PM |
| Krishna R., Punithavathi Duraiswamy | 2021 IEEE International Conference On Electronics, Computing And Communication Technologies (conecct) | A Technique Of Designing Low Leakage Latch-type Sense Amplifier In Nanometer Technology | 2022 | 978---1-6654-2850-7 | Yes | Institute of Electrical and Electronics Engineers Inc. | 018RSG-12/14/2021 02:21:24.099 PM |
| R Sudarshan., S K Srivatsa., K N Chaitra., Mohan Kumar Kitthalli Nagamangala | Lecture Notes In Electrical Engineering | A Software Defect Avoidance Technique For E-commerce Website Development | 2022 | 978---9-8116-1341-8 | Yes | Springer Science and Business Media Deutschland GmbH | 018RSG-12/14/2021 02:55:08.795 PM |
| Shashank S Kashikar., Arun Ravindra., Srinivas R., Vivian D'souza., Vishnu Sriram., Shashank R., Manjunath Mahadev Ullegaddi | Materials Today: Proceedings | Design And Development Of Suspension System For Power Generation | 2022 | 2214-7853 | Yes | ELSEVIER | 018RSG-12/14/2021 03:59:11.116 PM |
| Vinay Kumar., Prajwal Kogodu Thirthappa., Naveen Kumar Thotakanama | Journal Of Physics: Conference Series | A Novel Current Sensor Less Mppt Based Approach For Pv Applications Using Pso Technique | 2022 | 1742-6588 | Yes | IOP Publishing Ltd | 018RSG-12/14/2021 12:39:40.477 PM |
| Kodirampura Jayaramappa Mallikarjunaiah., G Chandrashekarai., V C Veeranna Gowda., A Jayasheelan., C Narayana Reddy | Journal Of Physics: Conference Series | Correlation Among The Oxide Ion Polarizability, Optical Basicity And Interaction Parameter In Gd3+ Ions Doped Oxyhalide Borate Glasses | 2022 | 1742-6588 | Yes | IOP Publishing Ltd | 018RSG-12/14/2021 12:45:08.761 PM |
| A Sivathanu Pillai., M Murali Krishnan., A T Sriram., Syed Abdul Lateef | Journal Of Physics: Conference Series | Design Of Magnetic Circuit For Stationary Plasma Thruster | 2023 | 1742-6588 | Yes | IOP Publishing Ltd | 018RSG-12/14/2021 12:50:13.696 PM |
| Sharath Kumar K M., Uday Kumar Jagannathan | Proceedings Of The 2nd Indian International Conference On Industrial Engineering And Operations Management | Application For Stochastic Net Present Value (npv) Estimation And Sensitivity Analysis | 2023 | - | Yes | - | 018RSG-12/16/2022 01:06:20.377 PM |
| Suresh Narayanarao., Prabhat Srivastava., Chandrakala Doddaballapur Prabhakar | Proceedings Of The 2nd Indian International Conference On Industrial Engineering And Operations Management | Garch Model For Determining Covid-19 Pandemic Effect On Hospitality Stock Returns | 2023 | - | Yes | - | 018RSG-12/16/2022 01:09:05.725 PM |

Annexure 5

| Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Uid |
|--|--|---|---------------------|-------------|--|-----------------------|--------------------------------------|
| Sai Anudeep., Gnaneswaran Devakumar., Sai Rahul., Sandesha., Bhargav S., Grandhim Rajesh Sai Karthik., Janardhan M K., Sachin Ramappa Hosalli., Akshay Kumar G R., Santosh V Hurakadli., Swaroop S | Proceedings Of The 4th European International Conference On Industrial Engineering And Operations Management | Assessment Of Neighborhood Environmental Quality And Its Impact On Health And Lifestyle Of Residents In Bengaluru | 2023 | - | Yes | - | 018RSG-12/16/2022 01:13:33.933 PM |
| Tilak P., Gagana P., Manasvi N M., Varsha S., Amruth N., Tanushree N., Chandra Sen Mazumdar., Soorya Thejas G R., Sanjana S Biradar., Sanjeev L D | Proceedings Of The 2nd Indian International Conference On Industrial Engineering And Operations Management | A Study On The Effects Of Covid-19 On The Lives Of Migratory Labourers | 2023 | - | Yes | - | 018RSG-12/16/2022 01:17:43.015 PM |
| K S Punith Kumar., Rashmi R., Heena Parveen | Proceedings Of The 2nd Indian International Conference On Industrial Engineering And Operations Management | Work Life Balance Of Parents With Special Need Children | 2023 | - | Yes | - | 018RSG-12/16/2022 01:21:00.720 PM |
| Suchitha T R., Darshan., Sanjana A., Tejas M., Shreelakshmi R Kiran., Vivek B Shetty., M Shanmukha., Gambali Vinith., Usha N., Layani., Suhas S | Proceedings Of The 2nd Indian International Conference On Industrial Engineering And Operations Management | First Aid Medicine Vending Machine For Accident Zones Of Bangalore City- An Analysis | 2023 | - | Yes | - | 018RSG-12/16/2022 01:25:26.955 PM |
| Suresh Narayanarao., Vanishree K., Triveni S | Proceedings Of The 2nd Indian International Conference On Industrial Engineering And Operations Management | Impact Of PmfbyS On Insurance Companies In Karnataka With Special Reference During Covid-19 | 2023 | - | Yes | - | 018RSG-12/16/2022 03:59:50.703 PM |
| Vishal Mankari., Vanishree K | Proceedings Of The 2nd Indian International Conference On Industrial Engineering And Operations Management | Impact Of Covid-19 On Individual Investors On Equity Mutual Funds With Reference To Sbi Bank, Bangalore, Karnataka | 2023 | - | Yes | - | 018RSG-12/16/2022 04:02:47.779 PM |
| Prathviraj Vernekar., Rakshitha N R., Unni Krishnan R., Shakeel K., Jushwanth Yadav M N., Arun Bhat., Nisha Francis., Poorvi V., Sakshi Phaugat., Nischita T V., Lohith H | Proceedings Of The 2nd Indian International Conference On Industrial Engineering And Operations Management | A Study To Mitigate Remote Learning And Teaching Challenges Among Rural And Urban Students And Teachers In Karnatak | 2023 | - | Yes | - | 018RSG-12/16/2022 04:07:44.672 PM |
| Anup Jayaram., Vinay K., Yashasvi G V., Sharath Kumar K M | Proceedings Of The 2nd Indian International Conference On Industrial Engineering And Operations Management | An Acceptance Study On Vehicle Scrappage Policy - 2021 Pertaining To Personal Car Owners In Bengaluru | 2023 | - | Yes | - | 018RSG-12/16/2022 04:10:15.787 PM |
| Nikhil G., Shadan S., Shashanka K S., Prem F., Ranjith R J P., Ghosh T., Prajwal M., Anil K R., Basappa Veerabhadraiah Basavaraj | Proceedings Of The 2nd Indian International Conference On Industrial Engineering And Operations Management | Consumer's Preference Towards Drugs - Generic V/s Branded Drugs - A Cross-sectional Study | 2023 | - | Yes | - | 018RSG-12/16/2022 04:15:54.336 PM |
| Darshan K., Jahnvi A N., Ruchitha K P., Srinivasa V., Shilpa Ramesh Guledgudda | Proceedings Of The 2nd Indian International Conference On Industrial Engineering And Operations Management | A Study On Impact Of Covid-19 On Elderly Population | 2023 | - | Yes | - | 018RSG-12/16/2022 04:18:22.172 PM |

Annexure 5

| Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Uid |
|---|--|--|---------------------|---------------------|--|-----------------------|-----------------------------------|
| Vanishree K., Suresh Narayanarao | Proceedings Of The 2nd Indian International Conference On Industrial Engineering And Operations Management | A Study On The Effect Of The Pradhan Mantri Fasal Bima Yojana Scheme In Karnataka | 2023 | - | Yes | - | 018RSG-12/16/2022 04:20:52.966 PM |
| Suraksha Shetty., Ashmitha Kishan Shetty., Serene Joy., Manasa Biligowda Latha | Materials Today: Proceedings | 1h Nmr Based Study Of Cord Blood Platelet Rich Plasma Conjugated With N Isopropyl Acrylamide-gold Nano Particles | 2023 | 2214-7853 | Yes | - | 018RSG-12/16/2022 04:44:11.295 PM |
| R Suresh., Praveen Kittali., Shama Ravichandran., T S Aswin Kumar., Sidharth N Pisharody | Aip Conference Proceedings | Design And Analysis Of A Weeding Robot | 2023 | 0094-243X | Yes | - | 018RSG-12/16/2022 12:58:01.780 PM |
| Arvind Kumar Singh., Renuvenkataswamy Sunkara., Govind R Kadambi | 2022 12th Workshop On Hyperspectral Imaging And Signal Processing: Evolution In Remote Sensing (whispers) | Wrapper Based Principal Component Selection For Hyperspectral Image Classification | 2023 | 978---1-6654-7070-4 | Yes | - | 018RSG-12/20/2022 03:24:55.164 PM |
| Khush Garg., Karanpreet Singh Ratra., Poonam Bhadergade., Rajeev Prasad Peddathumkepalii., Nidhi Shetty | Proceedings Of The 2nd Indian International Conference On Industrial Engineering And Operations Management | A Study On The Effect Of Covid-19 On The Livelihood Of The Reelers And Weavers Of Sericulture Industry In Southern Karnataka | 2023 | - | Yes | - | 018RSG-12/20/2022 10:51:36.295 AM |
| Ajay R., Praphul Kumar K ., Cheshire H., Vishwanath Kumar H M | Proceedings Of The 2nd Indian International Conference On Industrial Engineering And Operations Management | A Study On Hydroponic Farming In Indian Agriculture | 2023 | - | Yes | - | 018RSG-12/20/2022 11:20:46.011 AM |
| Shwetha Kamath., Tanmoy Ghosh., Juturu Thimmasetty., N Shashank Nayak | The 2nd International Online Conference On Crystals Session Crystal Engineering | Cocrystals Of Modafinil-nicotinic Acid:a Novel Cocrystal For Enhanced Bioavailability | 2023 | - | Yes | MDPI AG | 018RSG-12/26/2020 11:21:20.639 AM |
| Debasish Kar., Sagartirtha Sarkar | Genetics Fundamentals Notes | Genetics Fundamentals Notes | 2023 | 978-9-8116-7040-4 | Yes | springer | 018RSG-07/27/2023 05:54:13.801 PM |
| S J Dhoble., A R Kadam., G P Darshan., Sharma, S.c., H Nagabhushuna | Paradigms Of Titanate Centered Energy Materials | Paradigms Of Titanate Centered Energy Materials | 2023 | 978-1-0009-1675-1 | Yes | - | 018RSG-09/25/2023 07:22:59.128 PM |
| F Al-turjman., M Kumar., T Stephan., A Bhardwaj | Evolving Role Of Ai And Iomt In The Healthcare Market | Evolving Role Of Ai And Iomt In The Healthcare Market | 2023 | 978-3-0308-2079-4 | Yes | springer | 018RSG-09/25/2023 08:44:48.128 PM |
| Sriramaneni N., Selvan C | Understanding And Managing Hyperthyroidism | Organ System Manifestations Of Hyperthyroidism | 2023 | 979-8-8869-7636-6 | Yes | - | 018RSG-07/27/2023 05:03:31.594 PM |
| Jyothi A P., Usha S | Streaming Analytics: Concepts, Architectures, Platforms, Use Cases And Applications | Fog And Edge Computing Paradigms For Emergency Vehicle Movement In Smart City | 2023 | 978-1-8395-3417-1 | Yes | - | 018RSG-07/27/2023 06:06:40.610 PM |

Annexure 5

| Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Uid |
|---|--|---|---------------------|-------------------|--|-----------------------|-----------------------------------|
| Kavya N., Sriraam N., Usha N., Hiremath B., Suresh A., Sharath D | Research Anthology On Improving Medical Imaging Techniques For Analysis And Intervention | Breast Cancer Lesion Detection From Cranial-caudal View Of Mammogram Images Using Statistical And Texture Features Extraction | 2023 | 978-1-6684-7544-7 | Yes | - | 018RSG-07/28/2023 12:02:54.676 PM |
| Kavya N., Sriraam N., Usha N., Hiremath B., Anusha Suresh., Sharath D | Research Anthology On Medical Informatics In Breast And Cervical Cancer | Breast Cancer Lesion Detection From Cranial-caudal View Of Mammogram Images Using Statistical And Texture Features Extraction | 2023 | 978-1-6684-7136-4 | Yes | - | 018RSG-07/28/2023 12:09:14.090 PM |
| Rhea Conchita Gonsalves., Ekta Tripathi., Prashanthi Karyala., Vivek Kumar | Handbook Of Oxidative Stress In Cancer: Therapeutic Aspects: Volume 1 | Targeting Signaling Pathways In Cancer Stem Cells For Therapy Of Cancer | 2023 | 978-9-8116-5421-3 | Yes | - | 018RSG-07/28/2023 12:18:47.489 PM |
| Manur Gururajachar Janaki., Nitin James Peters., Yogesh Kumar Sarin | Wilms' Tumor | Radiotherapy | 2023 | 978-9-8119-3427-8 | Yes | - | 018RSG-07/28/2023 12:24:07.810 PM |
| Jyothy G Vijayan., Thippeswamy Niranjana Prabhu | Modern Nanotechnology Volume 1: Environmental Sustainability And Remediation | Cellulose-based Gels: Synthesis, Properties And Applications | 2023 | 978-3-031-31110-9 | Yes | - | 018RSG-08/16/2023 04:18:43.175 PM |
| Madhushree Hegde., Akshatha Chandrashekar., Mouna Nataraja., Jineesh A Gopi., Thippeswamy Niranjana Prabhu., Jyotishkumar Parameswaranpillai | Polymer Crystallization: Methods, Characterization And Applications | Crystallization In Pcl - based Blends And Composites | 2023 | 978-3-527-35081-0 | Yes | - | 018RSG-08/16/2023 07:18:13.622 PM |
| O Archana., Lokesh Ravi | Multifunctional Microbial Biosurfactants | Methods Of Screening And Applications Of Biosurfactants Produced By Actinomycetes | 2023 | 978-3-031-31229-8 | Yes | - | 018RSG-08/17/2023 03:11:34.416 PM |
| G R Shree Kumari., Lokesh Ravi | Multifunctional Microbial Biosurfactants | Methods Of Screening And Applications Of Biosurfactants Produced By Cyanobacteria | 2023 | 978-3-031-31229-8 | Yes | - | 018RSG-08/17/2023 03:23:55.513 PM |
| T Ghosh., Bhargavi Koneru., Prasun Banerjee | Materials Research Foundations | Artificial Intelligence For Energy Conversion | 2023 | 978-1-6449-0253-0 | Yes | - | 018RSG-08/21/2023 01:17:02.058 PM |
| Sweetey Jamgade., Puja Mondal | Resilient And Sustainable Destinations After Disaster | Responsible Sustainable Tourism Product Planning And Design For Recovery | 2023 | 978-1-80382-022-4 | Yes | - | 018RSG-08/21/2023 03:14:48.402 PM |
| Dominic Augustine., Sandhya Kadamboor Veethil., Jithu Jerin James., Sowmya Samudrala Venkatesiah., Pushpalatha Chikkahanumantharayappa., Saraswathy Ganesan Rajalakshmi., Arshiya Shakir., Reshma Dhodwad | Nanovaccinology | Drug Delivery And Therapeutics For The Treatment Of Infectious Diseases | 2023 | 978-3-031-35394-9 | Yes | - | 018RSG-08/30/2023 10:22:07.565 AM |

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| Pushpalatha Chikkahanumantharayappa., Sowmya Samudrala Venkatesiah., Dominic Augustine., Chhaya Kumar., K V Bharkavy., S Jithya., V S Gayathri., Arshiya Shakir., Reshma Dhodwad | Nanovaccinology | Nanoparticle As An Effective Tool For The Diagnosis Of Diseases And Vaccinology | 2023 | 978-3-031-35394-9 | Yes | - | 018RSG-08/30/2023 10:28:24.058 AM |
| Jyothy G Vijayan | Nanovaccinology | Gold Nanoparticle Preparation For Antibodies And Optimization Against Infections | 2023 | 978-3-031-35394-9 | Yes | - | 018RSG-08/30/2023 10:32:09.874 AM |
| Sowmya Samudrala Venkatesiah., Pushpalatha Chikkahanumantharayappa., Dominic Augustine., Ishitha Singh., Arshiya Shakir., Reshma Dhodwad | Nanovaccinology | Benefits Of Molecular Medicine From Self-assembled Nanostructured Materials | 2023 | 978-3-031-35394-9 | Yes | - | 018RSG-08/30/2023 10:36:32.596 AM |
| Ashley F Krauser., Subitchan Ponnarasu., Mark P Schury | Statpearls [internet] | Holt-oram Syndrome | 2023 | - | Yes | - | 018RSG-09/21/2023 07:27:13.472 PM |
| Jamal Alam., Subitchan Ponnarasu., Matthew Varacallo | Statpearls | Thumb Spica Splinting | 2023 | - | Yes | - | 018RSG-09/21/2023 07:42:36.813 PM |
| G S Jyothi., Cipta Pramana., Ariawan Soejoenoes., Radhika Chetan | Labour And Delivery | Occipito Posterior Position | 2023 | 978-981-19-6144-1 | Yes | - | 018RSG-09/23/2023 11:18:41.846 AM |
| S K Mukherjee., A Sarkar., S Mukherjee., J Kumar., A Jha | 5g, Artificial Intelligence, And Next Generation Internet Of Things: Digital Innovation For Green And Sustainable Economies | An Empirical Study On The Impact Of Social Media Promotion Of Branded Drugs On The Health Behavior Of Indian Patients | 2023 | 978-1-6684-8636-8 | Yes | - | 018RSG-09/25/2023 03:27:59.349 PM |
| S Subramanyam., Ashoka Babu Vecham Lakshminarayana., V S Basha., K N Jayaveera | Phytochemistry And Pharmacology Of Medicinal Plants, 2-volume Set | Bioactive Molecules And Pharmacology Studies Of Ecobolium Viride (forssk.) Alston | 2023 | 978-1-0033-3487-3 | Yes | - | 018RSG-09/25/2023 03:58:23.844 PM |
| Sahana Prabhu Shankar., Deepak Varadam., A Bharadwaj., S Dayananda., S Agrawal., A Jha., V Surya Tejas | Cases On Enhancing Business Sustainability Through Knowledge Management Systems | Enhancing Devops Using Intelligent Techniques: Application Of Artificial Intelligence And Machine Learning Techniques To Devops | 2023 | 978-1-6684-5861-7 | Yes | - | 018RSG-09/25/2023 06:50:56.552 PM |
| R Chaudhary., N Siva Rama Lingham., T Stephan | Evolving Role Of Ai And Iomt In The Healthcare Market | Artificial Intelligence And Blockchain: The Future Of Healthcare | 2023 | 978-3-0308-2079-4 | Yes | - | 018RSG-09/25/2023 08:24:02.808 PM |
| P Kumar., R Chauhan., A Shankar., T Stephan | Evolving Role Of Ai And Iomt In The Healthcare Market | Role Of Artificial Intelligence For Skin Cancer Detection | 2023 | 978-3-0308-2079-4 | Yes | - | 018RSG-09/25/2023 08:34:14.157 PM |
| A Singh., J G Vijayan., K G Moodley | Handbook Of Nanocelluloses: Classification, Properties, Fabrication, And Emerging Applications | Surface Functionalizations Of Nanocellulose For Wastewater Treatment | 2023 | 978-3-0308-9621-8 | Yes | - | 018RSG-09/25/2023 08:52:37.162 PM |

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| Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Uid |
|--|--|--|---------------------|-------------------|--|-----------------------|-----------------------------------|
| Shobha Ramanjani., Nagaraja Rao Sulake., Praveenkumar Varanasi | 2022 Ieee North Karnataka Subsection Flagship International Conference, Nkcon 2022 | Topology Evaluation Of Impedance Source Inverter For Solar Based Ev Applications | 2023 | 978-1-6654-5342-4 | Yes | - | 018RSG-07/27/2023 05:33:10.919 PM |
| Venkatnikhil A., Shama Ravichandran., Naveen Kumar | 2022 Ieee North Karnataka Subsection Flagship International Conference, Nkcon 2022 | Rover Robot For Solar Panel Cleaning And Monitoring | 2023 | 978-1-6654-5342-4 | Yes | - | 018RSG-07/27/2023 05:37:01.399 PM |
| Tejus S Navadagi., Tippanna., Pushpalatha M., Namana N., Varun Dwarakanath | 2022 Ieee North Karnataka Subsection Flagship International Conference, Nkcon 2022 | Hexagonal Complimentary Split Ring Resonator Loaded Wideband Substrate Integrated Waveguide Bandpass Filter For S-band | 2023 | 978-1-6654-5342-4 | Yes | - | 018RSG-07/27/2023 05:41:34.196 PM |
| Vijaykumar Udayakumar Vaddi., Suresh Rangappa., Kiran Kumar Bodaguru Muniraju | 2022 Ieee North Karnataka Subsection Flagship International Conference, Nkcon 2022 | Design And Development Of A Quadrupe Robot For Edutainment | 2023 | 978-1-6654-5342-4 | Yes | - | 018RSG-07/27/2023 05:44:42.253 PM |
| Dhanalekshmi Prasad Yedurkar., Shilpa Metkar., Nandan Yardi., Thompson Stephan | Ieee Transactions On Industrial Informatics | An Iot Based Novel Hybrid Seizure Detection Approach For Epileptic Monitoring | 2023 | - | Yes | - | 018RSG-07/27/2023 05:49:40.979 PM |
| Lankesh V., Shama Ravichandran., Suresh Rangappa | 2023 3rd International Conference On Advances In Electrical, Computing, Communication And Sustainable Technologies, Icaect 2023 | Design And Development Of A People Counting System | 2023 | 978-1-6654-9400-7 | Yes | - | 018RSG-07/27/2023 06:30:33.279 PM |
| Hari Krishna S M., Geethanjali R., Dhanya Maruti Naik., Hemashree N., Bhabya Bhabya | 2023 Ieee 8th International Conference For Convergence In Technology, I2ct 2023 | Flutter Based Mobile Application For Electric Vehicle Charging Reservation | 2023 | 979-8-3503-3401-2 | Yes | - | 018RSG-07/28/2023 11:19:03.689 AM |
| Tushar Patil., Lichingngamba Tensubam., Nivedan Yakolli., Divya Biligere Shivanna | Communications In Computer And Information Science | An Ensemble Deep Learning Algorithm To Predict Pm2.5 Concentration Levels In Bengaluru's Atmosphere | 2023 | 978-3-031-37939-0 | Yes | - | 018RSG-08/17/2023 01:51:41.444 PM |
| Meghna Verma., Ann Das., Sneha Rikhi | Lecture Notes In Civil Engineering | Analysing Factors Influencing Usage Of Metro Services In Bengaluru, India | 2023 | 978-981-99-3446-1 | Yes | - | 018RSG-08/17/2023 02:05:13.300 PM |
| Supriya M S., Vineet Kushalappa K., Sanjay J R., Sheetal K Patnasetty., Shruti Bajpai., Shubhra Ojha | 2023 International Conference On Advances In Electronics, Communication, Computing And Intelligent Information Systems (icaecis) | Classification Of Cardiac Arrhythmia Using Machine Learning Algorithms | 2023 | 979-8-3503-4806-4 | Yes | - | 018RSG-08/17/2023 04:14:58.495 PM |
| Kavya M Surapuramath., Manas Badanikai., Sujith Rajan B., U Akash., Varun Dwarakanath | 2023 International Conference On Advances In Electronics, Communication, Computing And Intelligent Information Systems (icaecis) | S-band Bandwidth Enhanced Fss Loaded Circular Patch Antenna For Space Bourne Applications | 2023 | 979-8-3503-4806-4 | Yes | - | 018RSG-08/17/2023 04:26:50.351 PM |

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| Jyothi A P., Vinayak N Badiger., Vinyas Shivakumar | 2023 International Conference On Advances In Electronics, Communication, Computing And Intelligent Information Systems (icaecis) | Security In Social Networks And Media | 2023 | 979-8-3503-4806-4 | Yes | - | 018RSG-08/17/2023 04:37:51.532 PM |
| Supriya Mallanayakankatte Shankaregowda., Sheetal K Patnasetty., K Vineet Kushalappa., Shruti Bajpai., J R Sanjay., Shubhra Ojha | 2023 Ieee International Conference On Electronics, Computing And Communication Technologies (conecct) | Cardiac Arrhythmia Detection Using Ensemble Machine Learning Techniques | 2023 | 979-8-3503-3439-5 | Yes | - | 018RSG-09/19/2023 11:41:24.643 AM |
| B Saumya., Prathamesh S Kumble., Sara Mohan George., Vishruth Rao., B N Prateek., J V Mahendra | 2023 World Conference On Communication & Computing (wconf) | Smart Shoes For Parkinson's Patients | 2023 | 979-8-3503-1120-4 | Yes | - | 018RSG-09/19/2023 11:56:44.702 AM |
| Supriya Mallanayakankatte Shankaregowda., G S Vinayak., Vinod Ramesh Patgar., Vandan Mahajan | 2023 Ieee International Conference On Electronics, Computing And Communication Technologies (conecct) | House Price Prediction System Using Machine Learning Algorithms And Visualization | 2023 | 979-8-3503-3439-5 | Yes | - | 018RSG-09/19/2023 12:06:00.001 PM |
| Rishaab Pavan., N Sriraam., Br Purnima., Dr Rakshith., Nupur Ravindran., Ng Prajwala., Gayathri HJ Devi | 2021 Ieee International Conference On Electronics, Computing And Communication Technologies (conecct) | A Pilot Study On Wearable Nasal Patch Sensor For Assessment Of Breathing Parameters | 2023 | 978-1-6654-2850-7 | Yes | - | 018RSG-09/22/2023 08:54:50.075 PM |
| Nandakishor Mutalik Desai., Sanjay H S., Adarsh Kumar Sinha., Vishnu Prasad R., Keerthana Kunnikullayya | 2021 Ieee International Conference On Electronics, Computing And Communication Technologies (conecct) | Automated Assessment Of The Electrocardiogram Aided Pulse Transit Time In Healthy Individuals - A Pilot Study | 2023 | 978-1-6654-2850-7 | Yes | - | 018RSG-09/22/2023 09:03:54.877 PM |
| Natarajan Sriraam., S Raghu., Yasin Temel., Shyam Vasudevarao., A S Hedge., Jv Mahendra., Pieter L Kubben | 2019 2nd International Conference On Signal Processing And Communication (icspc) | Automated Detection Of Epileptic Seizures Using Dwt Based Features And Svm Classifier | 2023 | 978-1-7281-1850-5 | Yes | - | 018RSG-09/22/2023 09:18:36.401 PM |
| N Usha., N Sriraam., N Kavya., D Sharath., Ravi Prabha., Bharathi Hiremath., B Venkataraman., M Menaka | 2019 2nd International Conference On Signal Processing And Communication (icspc) | Feature Selection And Classification For Analysis Of Breast Thermograms | 2023 | 978-1-7281-1850-5 | Yes | - | 018RSG-09/22/2023 09:30:36.809 PM |
| S Tejaswini., N Sriraam., G C M Pradeep | 2018 3rd International Conference On Circuits, Control, Communication And Computing (i4c) | Cloud-based Framework For Pain Scale Assessment In Nicu- A Primitive Study With Infant Cries | 2023 | 978-1-5386-8488-7 | Yes | - | 018RSG-09/22/2023 09:38:49.340 PM |
| Natarajan Sriraam., Sudip Gupta., Tejaswini S., Pradeep Gcm | 2021 3rd International Conference On Electrical, Control And Instrumentation Engineering (icecie) | Wrist Based Wireless Vital Monitoring System For Continuous Assessment Of Pre-term Neonates In Nicu Environment | 2023 | 978-1-6654-4967-0 | Yes | - | 018RSG-09/22/2023 09:51:54.406 PM |
| N Sriraam., Avvaru Srinivasulu., V S Prakash., Sarthak Sahoo | 2019 2nd International Conference On Signal Processing And Communication (icspc) | A Smart Textile Electrode Belt For Ecg Recordings - A Pilot Study With Indian Population | 2023 | 978-1-7281-1850-5 | Yes | - | 018RSG-09/22/2023 10:08:08.778 PM |

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|--|--|--|---------------------|-------------------|--|-----------------------|-----------------------------------|
| Tejaswini S Natarajan Sriraam., Pradeep G C M | 2019 1st International Conference On Advanced Technologies In Intelligent Control, Environment, Computing & Communication Engineering (icatiece) | Pre-term Neonates Cry Pattern Recognition Using Bark Frequency Cepstral Coefficients | 2023 | 978-1-7281-1266-4 | Yes | - | 018RSG-09/22/2023 10:15:31.250 PM |
| L Janardhan., Suresh Rangappa., K Chandrappa., H R Basavaraju., Betsy Varghese | Aip Conference Proceedings | Effect Of Alloying Elements And Heat Treatment On Microstructure, Metallurgical And Machinability Properties Of Duplex Stainless Steels - A Review | 2023 | - | Yes | - | 018RSG-09/23/2023 10:17:36.340 AM |
| B R Nayana., Raju N R Y., A S Velidi | IEEE International Conference On Advances In Electronics, Communication, Computing And Intelligent Information Systems, Icaecis 2023 - Proceedings | Low-cost Smart Glasses For People With Visual Impairments | 2023 | 979-835034805-7 | Yes | - | 018RSG-09/25/2023 09:02:20.443 PM |
| DEEPAK VARADAM., SAHANA PRABHU SHANKAR., Aryan Bharadwaj., Tanvi Saxena., Sarthak Agrawal., Shraddha Dayananda | AI and Blockchain Applications in Industrial Robotics | Enhancing Industrial Robotics Performance and Security With AI and Blockchain Technologies | 2023 | 979-8369-30-659-8 | Yes | - | 018RSG-01/02/2024 11:15:47.749 AM |
| Sriramaneni N., Selvan C | Understanding and Managing Hyperthyroidism | Organ system manifestations of hyperthyroidism | 2023 | 979-8-8869-7636-6 | Yes | - | 018RSG-07/27/2023 05:03:31.594 PM |
| Lankesh V., Shama Ravichandran., Suresh Rangappa | 2023 3rd International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies, ICAECT 2023 | Design and Development of a People Counting System | 2023 | 978-1-6654-9400-7 | Yes | - | 018RSG-07/27/2023 06:30:33.279 PM |
| Hari Krishna S M., Geethanjali R., Dhanya Maruti Naik., Hemashree N., Bhabya Bhabya | 2023 IEEE 8th International Conference for Convergence in Technology, I2CT 2023 | Flutter Based Mobile Application for Electric Vehicle Charging Reservation | 2023 | 979-8-3503-3401-2 | Yes | - | 018RSG-07/28/2023 11:19:03.689 AM |
| Jyothy G Vijayan., Thippeswamy Niranjana Prabhu | Modern Nanotechnology Volume 1: Environmental Sustainability and Remediation | Cellulose-Based Gels: Synthesis, Properties and Applications | 2023 | 978-3-031-31110-9 | Yes | - | 018RSG-08/16/2023 04:18:43.175 PM |
| Jineesh A Gopi., Madhushree Hegde., Akshatha Chandrashekar., Mouna Nataraja., Thippeswamy Niranjana Prabhu., Jyotishkumar Parameswaranpillai | Polymer Crystallization: Methods, Characterization and Applications | Crystallization in PCL - Based Blends and Composites | 2023 | 978-3-527-35081-0 | Yes | - | 018RSG-08/16/2023 07:18:13.622 PM |
| O Archana., Lokesh Ravi | Multifunctional Microbial Biosurfactants | Methods of Screening and Applications of Biosurfactants Produced by Actinomycetes | 2023 | 978-3-031-31229-8 | Yes | - | 018RSG-08/17/2023 03:11:34.416 PM |
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| Kavya M Surapuramath., Manas Badanikai., Sujith Rajan B., U Akash., Varun Dwarakanath | 2023 International Conference on Advances in Electronics, Communication, Computing and Intelligent Information Systems (ICAECIS) | S-Band Bandwidth Enhanced FSS Loaded Circular Patch Antenna for Space Bourne Applications | 2023 | 979-8-3503-4806-4 | Yes | - | 018RSG-08/17/2023 04:26:50.351 PM |
| Jyothi A P., Vinayak N Badiger., Vinyas Shivakumar | 2023 International Conference on Advances in Electronics, Communication, Computing and Intelligent Information Systems (ICAECIS) | Security in Social Networks and Media | 2023 | 979-8-3503-4806-4 | Yes | - | 018RSG-08/17/2023 04:37:51.532 PM |
| T Ghosh., Bhargavi Koneru., Prasun Banerjee | Materials research foundations | Artificial Intelligence for Energy Conversion | 2023 | 978-1-6449-0253-0 | Yes | - | 018RSG-08/21/2023 01:17:02.058 PM |
| Sweetey Jamgade., Puja Mondal | Resilient and Sustainable Destinations After Disaster | Responsible Sustainable Tourism Product Planning and Design for Recovery | 2023 | 978-1-80382-022-4 | Yes | - | 018RSG-08/21/2023 03:14:48.402 PM |
| Dominic Augustine., Sandhya Kadamboor Veethil., Jithu Jerin James., Sowmya Samudrala Venkatesiah., Pushpalatha Chikkahanumantharayappa., Saraswathy Ganesan Rajalakshmi., Arshiya Shakir., Reshma Dhodwad | Nanovaccinology | Drug Delivery and Therapeutics for the Treatment of Infectious Diseases | 2023 | 978-3-031-35394-9 | Yes | - | 018RSG-08/30/2023 10:22:07.565 AM |
| Pushpalatha Chikkahanumantharayappa., Sowmya Samudrala Venkatesiah., Dominic Augustine., Chhaya Kumar., K V Bharkavy., S Jithya., V S Gayathri., Arshiya Shakir., Reshma Dhodwad | Nanovaccinology | Nanoparticle as an Effective Tool for the Diagnosis of Diseases and Vaccinology | 2023 | 978-3-031-35394-9 | Yes | - | 018RSG-08/30/2023 10:28:24.058 AM |
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| Supriya Mallanayakankatte Shankaregowda., Sheetal K Patnasetty., K Vineet Kushalappa., Shruti Bajpai., J R Sanjay., Shubhra Ojha | 2023 IEEE International Conference on Electronics, Computing and Communication Technologies (CONECCT) | Cardiac Arrhythmia Detection using Ensemble Machine Learning Techniques | 2023 | 979-8-3503-3439-5 | Yes | - | 018RSG-09/19/2023 11:41:24.643 AM |
| B Saumya., Prathamesh S Kumble., J V Mahendra., Sara Mohan George., Vishruth Rao., B N Prateek | 2023 World Conference on Communication & Computing (WCONF) | Smart shoes for Parkinson's Patients | 2023 | 979-8-3503-1120-4 | Yes | - | 018RSG-09/19/2023 11:56:44.702 AM |

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| Supriya Mallanayakankatte Shankaregowda., G S Vinayak., Vinod Ramesh Patgar., Vandan Mahajan | 2023 IEEE International Conference on Electronics, Computing and Communication Technologies (CONECCT) | House Price Prediction System using Machine Learning Algorithms and Visualization | 2023 | 979-8-3503-3439-5 | Yes | - | 018RSG-09/19/2023 12:06:00.001 PM |
| Mark P Schury., Ashley F Krauser., Subitchan Ponnarasu | StatPearls [Internet] | Holt-Oram Syndrome | 2023 | | Yes | - | 018RSG-09/21/2023 07:27:13.472 PM |
| Jamal Alam., Subitchan Ponnarasu., Matthew Varacallo | StatPearls | Thumb Spica Splinting | 2023 | | Yes | - | 018RSG-09/21/2023 07:42:36.813 PM |
| L Janardhan., Suresh Rangappa., K Chandrappa., H R Basavaraju., Betsy Varghese | AIP Conference Proceedings | Effect of alloying elements and heat treatment on microstructure, metallurgical and machinability properties of duplex stainless steels - A review | 2023 | | Yes | - | 018RSG-09/23/2023 10:17:36.340 AM |
| G S Jyothi., Cipta Pramana., Ariawan Soejoenoes., Radhika Chetan | Labour and Delivery | Occipito Posterior Position | 2023 | 978-981-19-6144-1 | Yes | - | 018RSG-09/23/2023 11:18:41.846 AM |
| S K Mukherjee., A Sarkar., S Mukherjee., J Kumar., A Jha | 5G, Artificial Intelligence, and Next Generation Internet of Things: Digital Innovation for Green and Sustainable Economies | An empirical study on the impact of social media promotion of branded drugs on the health behavior of Indian patients | 2023 | 978-1-6684-8636-8 | Yes | - | 018RSG-09/25/2023 03:27:59.349 PM |
| V S Basha., S Subramanyam., Ashoka Babu Vecham Lakshminarayana., K N Jayaveera | Phytochemistry and Pharmacology of Medicinal Plants, 2-volume set | Bioactive molecules and pharmacology studies of <i>Ecbolium viride</i> (forssk.) Alston | 2023 | 978-1-0033-3487-3 | Yes | - | 018RSG-09/25/2023 03:58:23.844 PM |
| Sahana Prabhu Shankar., Deepak Varadam., A Bharadwaj., S Dayananda., S Agrawal., A Jha., V Surya Tejas | Cases on Enhancing Business Sustainability Through Knowledge Management Systems | Enhancing DevOps Using Intelligent Techniques: Application of Artificial Intelligence and Machine Learning Techniques to DevOps | 2023 | 978-1-6684-5861-7 | Yes | - | 018RSG-09/25/2023 06:50:56.552 PM |
| A R Kadam., S J Dhoble., G P Darshan., Sharma, S.c., H Nagabhushuna | Paradigms of Titanate Centered Energy Materials | Paradigms of Titanate Centered Energy Materials | 2023 | 978-1-0009-1675-1 | Yes | - | 018RSG-09/25/2023 07:22:59.128 PM |
| B R Nayana., Raju N R Y., A S Velidi | IEEE International Conference on Advances in Electronics, Communication, Computing and Intelligent Information Systems, ICAECIS 2023 - Proceedings | Low-cost Smart Glasses for People with Visual Impairments | 2023 | 979-835034805-7 | Yes | - | 018RSG-09/25/2023 09:02:20.443 PM |
| Magapu Sai Baba | Risk, Reliability and Safety Engineering | Human Reliability Programme in Industries of National Importance | 2023 | 978-981-99-5004-1 | Yes | - | 018RSG-10/07/2023 06:08:51.408 PM |

Annexure 5

| Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Uid |
|--|---|--|---------------------|-------------------|--|-----------------------|--------------------------------------|
| Ajith Kumar K., Shree Kumari G R., Lokesh Ravi | Methods and Protocols in Food Science | Next-Generation Sequence Analysis of Postbiotics in Fermented Dairy Food | 2023 | 978-1-0716-3420-2 | Yes | - | 018RSG-10/07/2023 06:18:39.169 PM |
| Adheena K T., Lokesh Ravi | Methods and Protocols in Food Science | Immunomodulatory Activity of Postbiotics in Chicks | 2023 | 978-1-0716-3420-2 | Yes | - | 018RSG-10/07/2023 06:24:36.991 PM |
| Malabika Purkayastha., Chandra Sen Mazumdar | Emergent Research on Business and Society: An India-Centric Perspective | CAN ASSORTMENT AND CUSTOMER SERVICE BE DETERMINANTS OF CUSTOMER LOYALTY? AN EMPIRICAL STUDY OF THE ONLINE GROCERY INDUSTRY | 2023 | 978-1-8013-5051-8 | Yes | - | 018RSG-10/17/2023 11:17:35.541 AM |
| Stephen Mekwan., Lokesh Ravi | Methods and Protocols in Food Science | Biopreservation of Dairy Products Through Postbiotics | 2023 | 978-1-0716-3420-2 | Yes | - | 018RSG-10/17/2023 11:40:01.379 AM |
| G Sathvik., Lokesh Ravi | Methods and Protocols in Food Science | Anti-Allergy Activity of Postbiotics | 2023 | 978-1-0716-3420-2 | Yes | - | 018RSG-10/17/2023 11:45:59.930 AM |
| Megha J K., Lokesh Ravi | Methods and Protocols in Food Science | Anti-inflammatory Activity of Postbiotics | 2023 | 978-1-0716-3420-2 | Yes | - | 018RSG-10/17/2023 11:52:37.982 AM |
| Megha J K., Lokesh Ravi | Methods and Protocols in Food Science | Anti-inflammatory Activity of Postbiotics | 2023 | 978-1-0716-3420-2 | Yes | - | 018RSG-10/17/2023 11:52:38.523 AM |
| Sanyo Sabu., David Elisha Henry | Microalgal Biomass for Bioenergy Applications | Biofuels from diatoms: A sustainable bioenergy source in post-fossil fuel era | 2023 | 978-0-443-13927-7 | Yes | - | 018RSG-10/18/2023 11:42:53.034 AM |
| Madhu P Raj., Jyothi K C., Shailaja Shetty., Ashok Kumar | 23 rd Karnataka Chapter of Anatomists Conference | Transverse Process of Atlas as a Surgical Landmark for Various Head and Neck Surgeries – A CT Assisted Study | 2023 | | Yes | - | 018RSG-11/09/2023 10:38:36.655 AM |
| Thanush P., Ashwini C Appaji | 23 rd Karnataka Chapter of Anatomists Conference | Collagen and Elastic Fiber Frequency in Tortuous Arteries by Microscopy | 2023 | | Yes | - | 018RSG-11/09/2023 10:43:05.523 AM |
| Kedar U K., Anupama K., Shailaja Shetty | 23 rd Karnataka Chapter of Anatomists Conference | Morphometric variations of coronary ostia in adult human heart: cadaveric study | 2023 | | Yes | - | 018RSG-11/09/2023 10:59:37.295 AM |
| Radhika Pm., Manasa S., Shailaja Shetty | 23 rd Karnataka Chapter of Anatomists Conference | Morphometric analysis of Lower Thoracic And Lumbar Vertebrae pedicles using Computed Tomography | 2023 | | Yes | - | 018RSG-11/09/2023 11:06:28.965 AM |

Annexure 5

| Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Uid |
|---|---|--|---------------------|-----------------------------------|--|-----------------------|--------------------------------------|
| Deepak Varadam., Yash Agrawal., Sumit Singh Rathore., Sugali Yashwanth Naik., Yash Verma., Vishal Pareta | 2023 International Conference on Network, Multimedia and Information Technology (NMITCON) | Design and Development of Offline Navigation System (ONS) Using the Smart Phone Sensors | 2023 | 979-8-3503-0082-6 | Yes | - | 018R5G-11/09/2023 12:19:30.180 PM |
| Sahana Prabhu Shankar., Divyansh Pushp., Nemi Makadia., Raghav Dubey., Anusha Nayak., Shilpa Shashikant Chaudhari | 2023 International Conference on Network, Multimedia and Information Technology (NMITCON) | Software Defect Predictor and Classifier Tool Using Machine Learning Techniques | 2023 | 979-8-3503-0082-6 | Yes | - | 018R5G-11/09/2023 12:30:35.196 PM |
| Deepika Sharma R., Raghuram S., Chandana S., suma K V., Reshme N., Archana Pradeep Patil | 2023 International Conference on Network, Multimedia and Information Technology, NMITCON 2023 | Electrohysterogram System with Remote Assistance for Pregnant Women | 2023 | 979-8-3503-0082-6 | Yes | - | 018R5G-11/13/2023 05:03:47.669 PM |
| Tejesh C A | The Airway Manual: Practical approach to Airway Management | Controversies in Airway Management | 2023 | 9789811947476; 9789811947469 | Yes | - | 018R5G-11/13/2023 05:41:01.993 PM |
| Tejesh C A | The Airway Manual: Practical approach to Airway Management | Lung Isolation Devices | 2023 | 9789811947476; 9789811947469 | Yes | - | 018R5G-11/13/2023 05:45:29.159 PM |
| Archana H R., Surendra H H., Jyothi A P., lalitha S., Madhusudhan K N | Applied Artificial Intelligence: A Biomedical Perspective | A Review on Wireless BAN to Measure the Respiration Rate Using SoC Architecture | 2023 | 9781000896169; 9781032349145 | Yes | - | 018R5G-11/13/2023 06:14:33.021 PM |
| Neeraj Wadhawan., Om P Kharbanda., Karthik Sennimalai | Integrated Clinical Orthodontics | Orthodontic Diagnosis and Treatment Planning | 2023 | 9781119870081; 9781119870050 | Yes | - | 018R5G-11/13/2023 10:45:15.632 AM |
| Ganesaraman Kalyanasundaram | ASIAN SOCIETY FOR INNOVATION AND POLICY | Value Ascertainment Through Business Model Canvas | 2023 | 978-6-2998-6930-6 | Yes | - | 018R5G-11/16/2023 05:08:58.332 PM |
| Usha Janardhan Chakatechal., Srikantha Dath Tottalagere Nagaraja., Ganesaraman Kalyanasundaram | Asian Society for Innovation and Policy (ASIP) | Emergence Or Non-Emergence of Tech Start-Ups In India. What Are The Distinctive Features? | 2023 | 978-6-2998-6930-6 | Yes | - | 018R5G-11/16/2023 05:18:46.003 PM |
| Gajender Singh., Sugimani Marndi., Sanjeet Kumar | Medico Bio-wealth of India | Pterospermum xylocarpum (Gaertn.) Oken: a medicinal tree of India | 2023 | 978-81-967170-2-5 | Yes | - | 018R5G-11/21/2023 12:37:39.348 PM |
| Indira R., Shanthi G | Gender, Environment and Sustainable Development: Challenges and Responses from India | Interrogating Relocation of Forest-Dependent Communities from a Gender Lens | 2023 | 978-1032628394; 978-1032628417 | Yes | - | 018R5G-11/28/2023 03:08:32.888 PM |
| Nishanth L., NAYANA N PATIL., Ganesh N A | E3S Web of Conferences | Mechanical, Durability and Embodied Energy Analysis of Geopolymer Concrete with Fly Ash, GGBFS and Glass Fiber | 2023 | | Yes | - | 018R5G-12/12/2023 02:31:36.387 PM |

Annexure 5

| Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Uid |
|---|---|---|---------------------|-------------------|--|-----------------------|-----------------------------------|
| Jyothy G Vijayan | Foundation and Growth of Macromolecular Science | Zein-Based Composites: Synthesis, Characterization Properties, and Applications | 2023 | | Yes | - | 018RSG-12/15/2023 11:26:07.304 AM |
| Amandeep Singh., Jyothy G Vijayan | Application of Nanotechnology for Resource Recovery from Wastewater | Biosorbents for Wastewater Treatment | 2024 | 978-1-032-00913-1 | Yes | - | 018RSG-12/15/2023 12:05:31.845 PM |
| KIRAN KUMAR BODAGURU MUNIRAJU., Akshata Fansekar., N SANDEEP NAGARAJA | 2023 7th International Conference on Computation System and Information Technology for Sustainable Solutions (CSITSS) | Design and Development of PLC Based Shear Knife for Automatic Sheet Metal Cutting | 2023 | 979-8-3503-4314-4 | Yes | - | 018RSG-12/18/2023 10:38:48.587 AM |
| KIRAN KUMAR BODAGURU MUNIRAJU., Likhitha K., Siva Muthu., Shravani V., Kruthika S H | 2023 7th International Conference on Computation System and Information Technology for Sustainable Solutions (CSITSS) | Design and Development of Hybrid Solar-Wind Tree | 2023 | 979-8-3503-4314-4 | Yes | - | 018RSG-12/18/2023 10:42:52.672 AM |
| KIRAN KUMAR BODAGURU MUNIRAJU., Likhitha K., Kruthika S H., Shravani V., Siva Muthu | 2023 7th International Conference on Computation System and Information Technology for Sustainable Solutions (CSITSS) | Design and Development of a Low-Cost Portable Solar Water Pumping System Based on Mirror Reflection | 2023 | 979-8-3503-4314-4 | Yes | - | 018RSG-12/18/2023 10:46:29.246 AM |
| Keerti R Umadi., Adoni Aishwarya., Jyothi E Narendramath., Sandu Sai Divyasree., Inchara S M., PADMA PRIYA DHARISHINI PARAMAN | 2023 7th International Conference on Computation System and Information Technology for Sustainable Solutions (CSITSS) | Smart Residence Assistance Based on Emotion | 2023 | 979-8-3503-4314-4 | Yes | - | 018RSG-12/18/2023 10:51:01.591 AM |
| SUDHA BASAVACHARI., ANUSHA VADDE | 2023 7th International Conference on Computation System and Information Technology for Sustainable Solutions (CSITSS) | Analyzation of The Performance of High Power Density BLDC Motor in Electric Vehicles | 2023 | 979-8-3503-4314-4 | Yes | - | 018RSG-12/18/2023 10:53:27.429 AM |
| Brian Aldrin Lopez., SHASHANK VADLAMANI | 68th International Congress of Indian Society Of Theoretical and Applied Mechanics, NIT Warangal | Effects of spew fillet on the static and buckling properties of adhesively bonded stiffened panels | 2023 | | Yes | - | 018RSG-12/18/2023 11:34:19.906 AM |
| Jithu Jerin James., PARASURAMAN PAVADAI., SANDHYA KADAMBOOR VEETHIL | Current Trends in Drug Discovery, Development and Delivery (CTD4-2022) | Screening of Placental Proteins Against Proteases for their Potential Use in Osteoarthritis: A Computational Approach | 2023 | 978-1-83767-083-3 | Yes | - | 018RSG-12/20/2023 03:50:55.494 PM |
| Shannon D Almeida., Akash Kumar Pandey., Mohamed Muthahir., Prakash Pai., S M Prakruthi., Shivaraj Gouravakkanvara., Rishita Gosh., A Damodar Nayak., PARASURAMAN PAVADAI | Current Trends in Drug Discovery, Development and Delivery (CTD4-2022) | Drug Repurposing for Primary Lateral Sclerosis: A Molecular Dynamic Study | 2023 | 978-1-83767-083-3 | Yes | - | 018RSG-12/20/2023 04:08:02.613 PM |

Annexure 5

| Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Uid |
|---|--|---|---------------------|-------------------|--|-----------------------|-----------------------------------|
| Manisha Devi., ANBU JAYARAMAN., PARASURAMAN PAVADAI., K Selvaraj., DAMODAR NAYAK AMBUJA | Current Trends in Drug Discovery, Development and Delivery (CTD4-2022) | Hit Identification from Ganoderma Lucidum to Treat Polycystic Ovarian Syndrome: An In-Silico Approach | 2023 | 978-1-83767-083-3 | Yes | - | 018RSG-12/20/2023 04:22:51.320 PM |
| JUDY JAYS., PARASURAMAN PAVADAI., J Saravanan | Current Trends in Drug Discovery, Development and Delivery (CTD4-2022) | Screening of Some Novel Isoxazoles Against C. Albicans for their Potential Use as antifungals: A Computational Approach | 2023 | 978-1-83767-083-3 | Yes | - | 018RSG-12/20/2023 04:36:28.842 PM |
| Amrita Rana., SINDHU ABRAHAM., SHARON CAROLINE FURTADO., K Megha., ANBU JAYARAMAN | Current Trends in Drug Discovery, Development and Delivery (CTD4-2022) | In Vivo Skin Irritation Potential of a Topical Gel Loaded with Tea Tree Oil Nanosponges | 2023 | 978-1-83767-083-3 | Yes | - | 018RSG-12/20/2023 04:40:53.434 PM |
| MKL Surekha., SHARON CAROLINE FURTADO., SINDHU ABRAHAM., SHWETHA KRISHNA MURTHY | Current Trends in Drug Discovery, Development and Delivery (CTD4-2022) | Nanoformulated Epigallocatechin Gallate for its Potential Management of Oral Squamous Cell Carcinoma | 2023 | 978-1-83767-083-3 | Yes | - | 018RSG-12/20/2023 04:44:59.331 PM |
| Harshini Anand., B Sushmitha., Ritrick Dey., M Akhilan., S Shiva., AR Mahesh | Current Trends in Drug Discovery, Development and Delivery (CTD4-2022) | In-Silico Evaluation of Phytochemicals as Potential Antiepileptic Drugs | 2023 | 978-1-83767-083-3 | Yes | - | 018RSG-12/20/2023 04:59:16.968 PM |
| SHWETHA KRISHNA MURTHY., BASAPPA VEERABHADRAIAH BASAVARAJ | Current Trends in Drug Discovery, Development and Delivery (CTD4-2022) | Optimization of Vanillin Crosslinked Chitosan/Polycarbophil Superporous Hydrogel Hybrids Containing Tablets for Regulated Drug Delivery | 2023 | 978-1-83767-083-3 | Yes | - | 018RSG-12/20/2023 05:04:19.065 PM |
| Shree Kumari G R., Ranjitha Dhevi V Sundar., Ajith Kumar K., Lokesh Ravi | Protocols for Cyanobacteria Sampling and Detection of Cyanotoxin | Identification of Toxic Blooms of Cyanobacteria in Estuarine Habitat | 2023 | 978-981-99-4513-9 | Yes | - | 018RSG-12/21/2023 11:40:38.430 AM |
| Archana O., Lokesh Ravi | Protocols for Cyanobacteria Sampling and Detection of Cyanotoxin | Isolation of Toxin Producing Cyanobacteria from Aquatic Samples with Cyindrospermopsis sp. | 2023 | 978-981-99-4513-9 | Yes | - | 018RSG-12/21/2023 11:45:02.663 AM |
| Yashaswini DM., Sathvik G., Lokesh Ravi | Protocols for Cyanobacteria Sampling and Detection of Cyanotoxin | Molecular Imprinting Polymer (MIP) in the Detection of Microcystin-LR | 2023 | 978-981-99-4513-9 | Yes | - | 018RSG-12/21/2023 11:49:34.312 AM |

Annexure 5

| Name of the teacher | Title of the book published | Title of the chapters published | Year of publication | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher | Uid |
|--|--|--|---------------------|-------------------|--|-----------------------|-----------------------------------|
| Ajith Kumar K., Shree Kumari G R., Lokesh Ravi | Protocols for Cyanobacteria Sampling and Detection of Cyanotoxin | Detection of Cyanotoxin in Algal Food and Feed Supplements Using UHPLC-MS/MS | 2023 | 978-981-99-4513-9 | Yes | - | 018RSG-12/21/2023 11:54:21.003 AM |
| VIJAYBHANU PERUMALSAMY., HARISH KUMAR DONTI RAMACHANDRA., Sarasija Suresh | Current Trends in Drug Discovery, Development and Delivery (CTD4-2022) | Pharmacokinetic Profile of Novel Curcumin-Metformin Conjugate in Rats by LC-MS/MS | 2023 | 978-1-83767-109-0 | Yes | - | 018RSG-12/21/2023 12:05:24.110 PM |
| Sakshi R Varshney., V Z Misbah Rehman., Lokesh Ravi | Protocols for Cyanobacteria Sampling and Detection of Cyanotoxin | In Vitro Assay for Determining Cyanotoxin Using Serological Methods | 2023 | 978-981-99-4513-9 | Yes | - | 018RSG-12/23/2023 06:17:33.094 PM |
| Anu Sharon., Lokesh Ravi | Protocols for Cyanobacteria Sampling and Detection of Cyanotoxin | Analysis of Cyanobacterial Species Composition and Variation Analysis Among Toxic Blooms | 2023 | 978-981-99-4513-9 | Yes | - | 018RSG-12/23/2023 06:21:08.343 PM |
| PUSHPALATHA CHIKKAHANUMANTHARAYAPPA., SOWMYA SAMUDRALA VENKATESIAH., DOMINIC AUGUSTINE., Arshiya Shakir., Vysmaya Dhareshwara., Amulya Rai., Vivek Padmanabhan., Ishitha Singh | Emerging Environmental Applications of Nanozymes | Nanozyme-Based Strategies for Environmental Pathogen Detection | 2023 | 979-8-88697-552-9 | Yes | - | 018RSG-12/27/2023 05:33:16.465 PM |
| Stany B., Shatakshi Mishra., Lokesh Ravi | Protocols for Cyanobacteria Sampling and Detection of Cyanotoxin | Detection of Guanitoxin from Aquatic Samples by HPLC/MS | 2023 | 978-981-99-4513-9 | Yes | - | 018RSG-12/27/2023 06:46:28.719 PM |

Annexure – 6

ANNEXURE 6

List of Patents Filed 2022-2023

| Sl. No. | Name of the Faculty/student author of the patent | Patent Number | Date | Patent Awarding Agency |
|---------|--|---------------|-----------|------------------------|
| 1 | Method, System and Apparatus for Early Detection of Breast Cancer Using Multi modal Images and Decision Fusion | 202341004838 | 25-Jan-23 | India |
| 2 | Exoskeleton Arm for Rehabilitation | 202341004837 | 25-Jan-23 | India |
| 3 | Vertical Coil-Magnet Stack Electromagnetic Energy Harvester | 202341004839 | 25-Jan-23 | India |
| 4 | Emission Reduction Using Metallic Sintered Filters | 202341004840 | 25-Jan-23 | India |
| 5 | Bathroom Commode for Arthritis Patients and Old Age People | 202341005278 | 27-Jan-23 | India |
| 6 | Mulberry Leaves Separation and Chopping Machine | 202341005353 | 27-Jan-23 | India |
| 7 | Intranasal In-Situ Gelling Drug Delivery System Targeting Brain for Treatment of Motion Sickness | 202341005280 | 27-Jan-23 | India |
| 8 | Gel Based Delivery System Containing Lignin and Tannin for Wound Healing | 202341005355 | 27-Jan-23 | India |
| 9 | Nanostructured Lipid Carrier Based Gel of Tamanu Oil for Management of Psoriasis | 202341005274 | 27-Jan-23 | India |
| 10 | Rutin in Situ Gel for Conjunctivitis | 202341005275 | 27-Jan-23 | India |
| 11 | Oral Suspension of Diosmin Microparticle for the Treatment of Angina Pectoris | 202341005351 | 27-Jan-23 | India |
| 12 | Rutin Entangled Folic Acid Conjugated Carboxyl Functionalized Multi -Walled Carbon Nanotubes Against Breast Cancer | 202341005276 | 27-Jan-23 | India |
| 13 | Novel Composition for Oral Care and Other Applications | 202341005360 | 27-Jan-23 | India |
| 14 | Topical Formulation Loaded with Pomegranate Seed Oil for the Treatment of Psoriasis | 202341005352 | 27-Jan-23 | India |
| 15 | Enriched Topical Formulation for Hair Re-growth and Vitality | 202341004836 | 27-Jan-23 | India |
| 16 | A pH Sensitive, Psyllium based Superporous Hydrogels for Smart Drug Delivery | 202341005272 | 27-Jan-23 | India |
| 17 | Disinfectant Tablet for Promotion of Public Health | 202341005279 | 27-Jan-23 | India |
| 18 | Drug loaded Nano sponge | 202341005281 | 27-Jan-23 | India |
| 19 | A Local Drug Delivery System for Endodontic Disinfection | 202341005273 | 27-Jan-23 | India |
| 20 | A Novel Tissue Expander for Maxillofacial Regions | 202341005356 | 27-Jan-23 | India |
| 21 | Proanthocyanidin Based Dentifrice for Patients with Chronic Periodontitis and type 2 Diabetes Mellitus | 202341005359 | 27-Jan-23 | India |
| 22 | Versatile Device for Intra-oral and Extra-oral Measurements | 202341005357 | 27-Jan-23 | India |
| 23 | A Portable Electrolytic Device for Rapid Decalcification of Oral Hard Tissue | 202341005358 | 27-Jan-23 | India |
| 24 | An Oral Muco-Adhesive Patch Incorporating Amla Bark and Fruit Extract for Wound Healing in Oral Ulcers | 202341005277 | 27-Jan-23 | India |
| 25 | Mucoadhesive Aceclofenac Microspheres for Post-Operative Pain Relief in Surgically Impacted Molar Sites | 202341005354 | 27-Jan-23 | India |

ANNEXURE 6

List of Patents Awarded 2022-2023

| Sl. No. | Name of the Faculty/student author of the patent | Patent Number | Date | Patent Awarding Agency |
|---------|---|---------------------|------------|------------------------|
| 1 | Nandyala Dhani Gangadhar, M. S. Supriya | 418499 | 18/01/2023 | Indian |
| 2 | Kaustubh Uday Nabar, Govind R Kadambi | 422996 | 24/02/2023 | Indian |
| 3 | Dhrubojyoti Mukherjee, Kamnoore Devanand Jagannath, Damodar Nayak, Parsuraman P | 429773 | 24/4/2023 | Indian |
| 4 | S.R. Shankpal | 433458 | 31/05/2023 | Indian |
| 5 | Shrinivasan S, Chethana R, Sindhu Abraham | 433784 | 06-06-2023 | Indian |
| 6 | Rohit Manjunath Pattan, Monish Gowda M.H, Narasimha Murthy K.R | 441847 | 31/07/2023 | Indian |
| 7 | Pushpalatha C, Srikari S, Deveswaran Rajamanickam | 441872 | 31/07/2023 | Indian |
| 8 | Lohit, H. S., Bala Vignesh and Ruthwik, S. Rao | 325295-001, 18/2022 | 06-05-2022 | Indian |
| 9 | Karthik PM, Arjun N, Santhosh MP, AKshayraj N, Nikhil A, Harshitha D, V. Mallikarjun Reddy, HK Narahari, AT Sriram, M. Sivapragasam | 337574-001, 27/2023 | 07-07-2023 | Indian |
| 10 | Dr. Rajiv Mishra, Dr. Vikas Singh, Dr. Ankita Sharma, Vanishree, Vinita Kumari, Dr. Mohan Prasad Sharma, Sanjay Advani | 6296819 | 23/07/2023 | UK Design Patent |

Annexure – 7

Annexure 7

M.S.Ramaiah University of Applied Science

List of Ph. D., Awarded

| Sl No | Batch | Faculty | Programme | Department | Name | Reg No |
|-------|-------|---------|-----------|--|---------------------------------|---------------|
| 1 | 2017 | FHMCT | Ph.D | Department of Food and Beverage Service | MS. M. THASHNEEM THAQSEEN BHANU | 17HCDP703001 |
| 2 | 2018 | FET | Ph.D | Department of Computer Science and Engineering | MR. SUDHIR KUMAR PATNAIK | 18ETDP720006 |
| 3 | 2014 | FDS | Ph.D | Department of Public Health Dentistry | DR.SHWETHA K M | 14DSDS083008 |
| 4 | 2015 | FDS | Ph.D | Department of Pedodontics and Preventive Dentistry | DR. G DHANANJAYA | 15DSDS095002 |
| 5 | 2015 | FET | Ph.D | Department of Civil Engineering | MR. CHETHAN GOWDA R K | 15ETET091002 |
| 6 | 2014 | FMPS | Ph.D | Department of Chemistry | MS.CHANDRIKA K C | 14SHSH080001 |
| 7 | 2016 | FET | Ph.D | Department of Civil Engineering | MS. PIRATHIBA S | 16ETDP7090001 |
| 8 | 2014 | FDS | Ph.D | Department of Oral and Maxillofacial Surgery | DR. RAJANIKANTH B R | 14DSDS083006 |
| 9 | 2015 | FET | Ph.D | Department of Electrical Engineering | DR. SENTHIL KUMAR | 15ETET079005 |
| 10 | 2016 | FDS | Ph.D | Department of Periodontology | DR. ASHWINI S | 16DSDP722001 |
| 11 | 2016 | FET | Ph.D | Department of Electrical and Electronics | MR. KIRAN KUMAR B M | 16ETDP720005 |
| 12 | 2017 | FPH | Ph.D | Department of Pharmacy Practice | DR. GNS HEMASREE | 17PHDP713002 |
| 13 | 2014 | FET | Ph.D | Department of Computer Science and Engineering | DR. N D GANGADHAR | 14ETET091005 |
| 14 | 2014 | FPH | Ph.D | Department of Pharmacology | DR. SATHIYA R | 14PHPH082005 |
| 15 | 2019 | FMC | M.Phil. | Department of Management Studies | MS. NISHA FRANCIS | 19MCRP854001 |
| 16 | 2020 | FET | M.Sc Re | Department of Electrical and Electronics | Ms. Savitha M | 20ETRP901001 |

Annexure – 8

Annexure 8

| 2023 Year Batch | | |
|--|--------------------|---------------------|
| Name of the faculty | Number of students | No. of offers recvd |
| Faculty of Engineering & Technology | 376 | 201 |
| Faculty of Art & Design | 43 | 13 |
| Faculty of Management & Commerce | 365 | 144 |
| MBA | 209 | 118 |
| BBA | 97 | 18 |
| BCom | 53 | 6 |
| MCom | 6 | 2 |
| Faculty of Mathematics & Physical Sciences | 114 | 17 |
| BSc | 61 | 6 |
| MSc | 53 | 11 |
| Faculty of Life & Allied Health Sciences | 358 | 46 |
| BSc | 192 | 13 |
| MSc | 109 | 18 |
| MHA | 28 | 8 |
| MPH | 29 | 7 |
| Faculty of Pharmacy | 166 | 33 |
| B Pharm | 86 | 19 |
| M Pharm | 46 | 8 |
| Pharm D | 34 | 6 |
| Faculty of Hospitality Management & Catering Tec | 68 | 27 |
| | | |
| Total | 1490 | 481 |

Salary Details in the year 2023

| Faculty | Min CTC | Highest CTC | Average CTC |
|---------|----------|-------------|-------------|
| FET | 3.5 LPA | 22.75 LPA | 5.7 LPA |
| FMC | 2.5 LPA | 8.0 LPA | 4.1 LPA |
| FPH | 2.85 LPA | 5.0 LPA | 3.58 LPA |
| FHMCT | 2.4 LPA | 24.57 LPA | 12.22 LPA |

Annexure – 9

Annexure 9

| RANK DETAILS-RUAS/KCET RANK OF 2020-2021 ADMISSIONS | | | |
|---|----------------------|--------------|---------|
| COURSE | CLASS XII EXAM SCORE | | |
| FET | HIGHEST SCORE | LOWEST SCORE | Average |
| B.Tech | | | |
| AEROSPACE ENGINEERING | 98 | 46.6 | 72.3 |
| AUTOMOTIVE ENGINEERING | 93 | 50 | 71.5 |
| CIVIL ENGINEERING | 85 | 51 | 68 |
| COMPUTER SCIENCE AND ENGINEERING | 96 | 50 | 73 |
| ELECTRICAL AND ELECTRONICS ENGINEERING | 89 | 55 | 72 |
| ELECTRONICS AND COMMUNICATION ENGINEERING | 97 | 50.7 | 73.85 |
| MECHANICAL ENGINEERING | 90 | 49 | 69.5 |
| ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING | 96 | 60 | 78 |
| INFORMATION SCIENCE AND ENGINEERING | 92 | 54 | 73 |
| MATHEMATICS AND COMPUTING | 92 | 48 | 70 |
| ROBOTICS | 89 | 65 | 77 |
| | | | |
| FLAHS | HIGHEST SCORE | LOWEST SCORE | Average |
| B.Sc. (Hons) | | | |
| BIOTECHNOLOGY | 94 | 55 | 74.5 |
| FOOD PROCESSING AND TECHNOLOGY | 98 | 57 | 77.5 |
| CARDIAC CARE TECHNOLOGY (CCT) | 93.53 | 40 | 66.765 |
| DIALYSIS THERAPY TECHNOLOGY(DTT) | 79.4 | 53 | 66.2 |
| MEDICAL RADIOLOGY AND IMAGING TECHNOLOGY | 91.5 | 49 | 70.25 |
| OPERATION THEATER TECHNOLOGY (OTT) | 93 | 52 | 72.5 |
| OPTOMETRY (OPT) | 95.33 | 56 | 75.665 |
| | | | |
| FPH | HIGHEST SCORE | LOWEST SCORE | Average |
| B.PHARM | 97.5 | 48.5 | 73 |
| PHARM.D | 92 | 55.8 | 73.9 |
| | | | |
| FMC | HIGHEST SCORE | LOWEST SCORE | Average |
| B.COM(HONS) | 95.16 | 39.5 | 67.33 |
| BBA | 97.4 | 39 | 68.2 |
| | | | |
| FHMCT | HIGHEST SCORE | LOWEST SCORE | Average |
| BHM | 90 | 46 | 68 |
| | | | |
| FAD | HIGHEST SCORE | LOWEST SCORE | Average |
| B.Design | | | |
| PRODUCT DESIGN | 99.5 | 52 | 75.75 |
| FASHION DESIGN | 71 | 55.5 | 63.25 |
| | | | |

Annexure 9

| RANK DETAILS-RUAS/KCET RANK OF 2020-2021 ADMISSIONS | | | |
|---|---------------|--------------|---------|
| FMPS | HIGHEST SCORE | LOWEST SCORE | Average |
| B.Sc | | | |
| CHEMISTRY | 88.16 | 45.5 | 72.3 |
| COMPUTER SCIENCE | | | |
| ELECTRONICS | | | |
| MATHEMATICS | | | |
| PHYSICS | | | |
| STATISTICS | | | |
| | | | |
| SSS | HIGHEST SCORE | LOWEST SCORE | Average |
| B.Sc(Hons)-(DATA SCIENCE AND ANALYTICS) | 92 | 49.3 | 70.65 |
| B.Sc(Hons)-PHSYCOLOGY | 100 | 50 | 75 |
| B.A(Hons)-SOCIOLOGY | 72 | 55 | 63.5 |
| B.Sc(Hons)-ECONOMICS | 70 | 54 | 62 |
| | | | |
| SL | HIGHEST SCORE | LOWEST SCORE | Average |
| B.Sc(Hons)-LLB | 90 | 55 | 72.5 |
| | | | |
| FDS | HIGHEST SCORE | LOWEST SCORE | Average |
| BDS | 96 | 58 | 77 |
| | | | |
| FLAHS | HIGHEST SCORE | LOWEST SCORE | Average |
| M.Sc | | | |
| M.Sc. BIOTECHNOLOGY | 85.6 | 55 | 70.3 |
| M.Sc. FOOD SCIENCE AND TECHNOLOGY | 92.8 | 62 | 77.4 |
| M.Sc MOLECULAR AND CELLULAR BIOLOGY | 97 | 60 | 78.5 |
| MASTERS IN PUBLIC HEALTH | 77 | 58 | 67.5 |
| MASTER IN HOSPITAL ADMINISTRATION | 80.1 | 59.5 | 69.8 |
| | | | |
| FAD | HIGHEST SCORE | LOWEST SCORE | Average |
| M.Design | | | |
| M.Des PRODUCT DESIGN | 99.5 | 52 | 75.75 |
| M.Des FASHION DESIGN | 71 | 55.5 | 63.25 |
| | | | |
| FMPS | | | |
| M.Sc | | | |
| APPLIED SOLID STATE PHYSICS | 88.16 | 45.5 | 72.3 |
| OPTOELECTRONICS | | | |
| NUCLEAR PHYSICS AND TECHNOLOGY | | | |
| ANALYTICAL CHEMISTRY | | | |
| INDUSTRIAL CHEMISTRY | | | |
| ORGANIC CHEMISTRY | | | |

Annexure 9

| RANK DETAILS-RUAS/KCET RANK OF 2020-2021 ADMISSIONS | | | |
|---|-------|------|-------|
| APPLIED MATHEMATICS | 80.94 | 54.4 | 67.67 |

| FDS | HIGHEST SCORE | LOWEST SCORE | Average |
|--|----------------------|---------------------|----------------|
| MDS | | | |
| Oral Medicine and Radiology | 72.75 | 65.47 | 69.11 |
| Periodontics | 71 | 64.91 | 67.955 |
| Oral and Maxillofacial Surgery | 72.22 | 60 | 66.11 |
| Conservative Dentistry and Endodontics | 74.16 | 67.3 | 70.73 |
| Orthodontics and Dentofacial Orthopaedics | 70 | 64.12 | 67.06 |
| Oral Pathology and Microbiology | NA | NA | 0 |
| Public Health Dentistry | 72.02 | 65.3 | 68.66 |
| Pedodontics and Preventive Dentistry | 72.2 | 63.97 | 68.085 |
| Prosthodontics, Crown and Bridge | 71.75 | 62.3 | 67.025 |
| | | | |
| SSS | HIGHEST SCORE | LOWEST SCORE | Average |
| MA IN PUBLIC POLICY | 84.5 | 62.1 | 73.3 |
| | | | |
| FET | HIGHEST SCORE | LOWEST SCORE | Average |
| M.Tech | | | |
| Aerospace Engineering | 82 | 64 | 73 |
| Automotive Engineering | 71 | 55 | 63 |
| Structural Engineering | 83 | 53 | 68 |
| Construction Engineering and Management | 86 | 55 | 70.5 |
| Environmental Engineering and Management | 85 | 70 | 77.5 |
| Transportation Engineering | 89 | 53 | 71 |
| Data Science and Engineering | 89 | 59 | 74 |
| Artificial Intelligence & Machine Learning' | 82 | 58 | 70 |
| Power Electronics and Drives | 90 | 62 | 76 |
| VLSI and Nanotechnology | 85 | 65 | 75 |
| Advanced Machinery Design | 63 | 58 | 60.5 |
| Manufacturing Technologies and Engineering Mgt | 89 | 52 | 70.5 |
| Robotic Engineering | 89 | 65 | 77 |
| | | | |
| FMC | HIGHEST SCORE | LOWEST SCORE | Average |
| MBA | 90.6 | 60.21 | 75.405 |
| MBA- HM | 80.07 | 55 | 67.535 |
| MBA- PBM | 80.6 | 58.2 | 69.4 |
| | | | |
| FMC | HIGHEST SCORE | LOWEST SCORE | Average |
| M.COM | 93 | 63.5 | 78.25 |
| | | | |
| FPH | HIGHEST SCORE | LOWEST SCORE | Average |

Annexure 9

| RANK DETAILS-RUAS/KCET RANK OF 2020-2021 ADMISSIONS | | | |
|---|-------|--------|---------|
| M.PHARM | | | |
| PHARMACOGNOSY | NA | NA | 0 |
| PHARMACEUTICAL CHEMISTRY | 81.2 | 60.725 | 70.9625 |
| PHARMACEUTICS | 81.77 | 56.4 | 69.085 |
| PHARMACOLOGY | 81.92 | 61.78 | 71.85 |
| PHARMACY PRACTICE | 76.39 | 61.32 | 68.855 |

Annexure – 10


Annexure 10

Students Admitted Vs No. of Students graduated programme wise 2022-23

| Sl No | Program | Year of Admission | Admitted | Graduated in the Stipulated period |
|-------|---|-------------------|----------|------------------------------------|
| 1 | B.Tech in Aerospace Engg | 2019 | 53 | 47 |
| 2 | B.Tech in Automotive Engg | 2019 | 13 | 13 |
| 3 | B.Tech in Civil Engg | 2019 | 43 | 33 |
| 4 | B.Tech in Computer Science Engg | 2019 | 166 | 156 |
| 5 | B.Tech in Electrical & Electronic Engg | 2019 | 59 | 55 |
| 6 | B.Tech in Electronics & Communication Engg | 2019 | 67 | 63 |
| 7 | B.Tech in Mechanical Engg | 2019 | 63 | 55 |
| 8 | Master of Technology | 2021 | 94 | 79 |
| 9 | Bachelor of Dental Surgery | 2018 | 60 | 56 |
| 10 | Master of Dental Surgery | 2020 | 37 | 36 |
| 11 | Bachelor of Pharmacy | 2019 | 94 | 75 |
| 12 | Master of Pharmacy | 2021 | 47 | 46 |
| 13 | Doctor of Pharmacy | 2017 | 26 | 25 |
| 14 | Bachelor of Hotel Mgmt | 2019 | 79 | 66 |
| 15 | Bachelor of Commerce | 2020 | 57 | 53 |
| 16 | Bachelor of Business Admn | 2020 | 117 | 94 |
| 17 | Master of Commerce | 2021 | 9 | 9 |
| 18 | Master of Business Admn | 2021 | 216 | 209 |
| 19 | B.Des Fashion Design | 2019 | 12 | 11 |
| 20 | B.Des Product Design | 2019 | 37 | 33 |
| 21 | M.Des Fashion Design | 2021 | 4 | 3 |
| 22 | M.Des Product Design | 2021 | 8 | 8 |
| 23 | B.Sc Computer Science | 2020 | 11 | 10 |
| 24 | BSc Physics/Chem/Maths/Stats | 2020 | 50 | 44 |
| 25 | MSc Analytical Chem | 2021 | 10 | 9 |
| 26 | M.Sc Maths | 2021 | 13 | 11 |
| 27 | M.Sc Physics | 2021 | 10 | 10 |
| 28 | M.Sc Organic Chemistry | 2021 | 18 | 15 |
| 29 | Master of Arts in Public Policy | 2021 | 7 | 7 |
| 30 | BSC Biotechnology | 2020 | 58 | 50 |
| 31 | BSC Food Processing Technology | 2020 | 57 | 54 |
| 32 | BSCA Anaesthesia & Operation Theater Technology | 2019 | 19 | 18 |

[Signature]
 03/01/24

| | | | | |
|--------------|--|------|-------------|-------------|
| 33 | BSC Dialysis Therapy Technology | 2019 | 21 | 20 |
| 34 | BSC Medical Radiology & Imaging Technology | 2019 | 30 | 25 |
| 35 | BSC Optometry | 2019 | 9 | 9 |
| 36 | BSC Cardiac Care Technology | 2019 | 29 | 20 |
| 37 | MSC Biotechnology | 2021 | 30 | 26 |
| 38 | MSC Foodtechnology | 2021 | 30 | 29 |
| 39 | MSC Molecular & Cell Bio | 2021 | 28 | 26 |
| 40 | Master of Hosp Admn | 2021 | 29 | 25 |
| 41 | Master of Public Health | 2021 | 29 | 26 |
| 42 | Bachelor of Vocation | 2022 | 53 | 51 |
| Total | | | 1902 | 1710 |


03/01/24

Controller of Examinations
M.S. Ramaiah University of Applied Sciences
University House, NEW BEL Road,
Bangalore - 560 054

Annexure – 11

Annexure 11

Seminar/Workshops/Symposia Conducted 2022 - 2023

| FACULTY OF ART AND DESIGN | |
|-------------------------------|--|
| Department: Fashion Design | |
| Sl. No. | Details |
| 1 | Department of Fashion Design organised workshop on Fashion Modelling and Styling on 17 February 2023. |
| 2 | Aslesha, B. organised seminar on Virtual design and Fashion Curation by Pooja Rangaswamy Design Lead Getbinks.com on 03 February 2023. |
| 3 | Dept. of Fashion Design conducted Value Added Course on Advanced Pattern Making and Accessory Making Techniques for Apparel Manufacturing and Fashion held from 17 April 2023 to 21 April 2023 |
| Department: Industrial Design | |
| 1 | Srinivasa, organised workshop on Alumni Talk on Gateway of Opportunities at UI and UX Design, delivered by Mr. Shaurya Sumuk on 28 March 2023. |
| 2 | Srinivasa organised Seminar on Guest lecture on User Interface Design by Mr. Praveen Uchil on 31 March 2023. |

| FACULTY OF MANAGEMENT AND COMMERCE | |
|------------------------------------|---|
| Department: Management Studies | |
| Sl. No. | Details |
| 1 | FMC organized a Seminar on "Layer 1 Blockchain and Opportunities " by Ms. Erin Murphy, Chief Growth Officer-Topl Network, Mr. Nick Edmonds, Head of Developer Ecosystem-Topl Network and Mr. Yogesh Achari, Head of Business & Partnerships-Unreal Finance on 26th July 2023 at FMC campus. Topl Network is an American-based Layer 1 Blockchain. |

Annexure 11

| FACULTY OF DENTAL SCIENCES | |
|---|--|
| Department of: Oral Medicine & Radiology | |
| Sl. No. | Details |
| 1 | Rakesh, N. conducted panel discussion on "CBCT in Imaging and Diagnosis" in RUAS DENTCON 2023, conducted by Faculty of Dental Sciences, Ramaiah University of Applied Sciences, Bangalore on 2nd March to 4th March 2023. |
| Department of: Periodontology | |
| 1 | Konuganti, K., Shivananje Gowda, A., Shetty, B., Sharanappa, M., Prasad, R., Raj, A. conducted seminar delivered by Kishore C. H. on Plaque Control Redefined and What's in your Toothpaste? On 9th February 2023. |
| 2 | Mahantesha, S. conducted Lecture on Practice Management for Dental Practitioners RUAS DENTCON 2023, organized by Faculty of Dental Sciences, Ramaiah University of Applied Sciences on 2nd to 4th March 2023. |
| 3 | Mahantesha, S. conducted an International Webinar on Serum Titanium Levels and its Clinical Significance in Dental Implants Patients in Association with DRAIN ON 7th March 2023. |
| 4 | Lavanya, R. conducted Lecture on Medicolegal Jurisprudence for Dental Practitioners at RUAS DENTCON 2023, organized by Faculty of Dental Sciences, Ramaiah University of Applied Sciences on 2nd to 4th March 2023. |
| 5 | Ashwini, S., Bhavya., Rohit Prasad, Shetty and Akshatha Raj, D. conducted a Hands on Workshop on LASERS in Clinical Practice RUAS DENTCON 2023, organized by Faculty of Dental Sciences, Ramaiah University of Applied Sciences on 2nd to 4th March 2023. |
| Department of: Pediatric and Preventive Dentistry | |
| 1 | Department of Pediatric and Preventive Dentistry Conducted a workshop on systematic review, by Dr. Denny John on 18 th March and 20 th March 2023. |
| 2 | Department of Pediatric and Preventive Dentistry Conducting a workshop on Nitrous Oxide Sedation, by Dr. Srinivas Namenini on 30 th and 31 st March 2023. |
| Department of: Prosthodontics | |
| 1 | Vibha Shetty presented a Key Note Lecture and Chaired Scientific Sessions at the IGSTC workshop 'Design and Manufacturing of Biomaterials and Implants for Dental and Cranio-Maxillary Reconstruction and Bone Regeneration', held at Friedrich-Alexander-University Erlangen-Nurnberg (FAU), Germany on 13th to 15th February 2023. |
| 2 | Namratha, U. conducted a Hands-on workshop on Basics of Implantology at RUAS DENTCON 2023 National Conference, organized by Faculty of Dental Sciences, Ramaiah University of Applied Sciences on 2nd March 2023. |
| Department of: Conservative Dentistry and Endodontics | |
| 1 | Dharam Hinduja conducted Endorevolutions-Mastering Endodontic Paradigms workshop at RUAS DENTCON 2023 National Conference, organized by Faculty of Dental Sciences, Ramaiah University of Applied Sciences on 2nd March 2023. |
| Department of: Orthodontics | |
| 1 | Department of Orthodontics Conducted a Webinar on Cracking the Code for Pursuing a Career in Dentistry in the United States on 16 th January 2023. |
| 2 | Department of Orthodontics Conducted a workshop on Tips and Tricks of DAMON with Vector TADS on 2nd March 2023 held during National Dental conference DENTCON, organized by Faculty of Dental Sciences, RUAS on 2nd March 2023. |

Annexure 11

| Department of: Oral Pathology and Microbiology | |
|--|---|
| 1 | Sowmya, S.V., Dominic, A., Vanishri, C. H., Surendra, L. conducted guest lecture/seminar delivered by Dr. Zama Moosvi on Forensics and the Dentist: An Exciting Career at Department of Oral Pathology and Microbiology, Faculty of Dental Sciences, Ramaiah University of Applied Sciences, Bengaluru on 17th January 2023. |
| 2 | Sowmya, S. V., Dominic, A., Vanishri, C. H., Surendra, L. conducted guest lecture/seminar/webinar by Dr. Suma S, on National Oral Pathologists' Day at Department of Oral and Maxillofacial Pathology and Oral Microbiology, Faculty of Dental Sciences, Ramaiah University of Applied Sciences, Bengaluru on 25th February 2023. |
| 3 | Vanishri, C. H., Sowmya, S. V., Dominic, A., Surendra, L. conducted hands on workshop by Dr. Deepak V. on Disaster Victim Identification: A FORENSIC ODONTOLOGY Approach, RUAS DENTCON 2023 organised by Department of Oral Pathology and Microbiology, Faculty of Dental Sciences, Ramaiah University of Applied Sciences, Bengaluru on 2nd March 2023.4 |

| RAMAIAH MEDICAL COLLEGE | |
|--|--|
| Department of: Vascular surgery | |
| Sl. No. | Details |
| 1 | Department of Vascular surgery conducted workshop on 1st NUHCS and ICVC at Singapore on 10th to 11th February 2023. |
| 2 | Department of Vascular surgery conducted workshop on Clinical Mastery in Chronic venous Disease on 3rd to 5th February 2023. |
| Department of: Hospital Administration | |
| 1 | Department of Hospital Administration conducted NABH workshop at Ramaiah Medical College on 19th – 21st January 2023. |

Annexure – 12

Annexure 12

Seminar/Workshops/Symposia Attended 2022 to 2023

| FACULTY OF ENGINEERING AND TECHNOLOGY | |
|---------------------------------------|--|
| Sl. No. | Details |
| 1 | Sahana P. Shankar attended seminar on Robotics Process Automation organized by BVICAM, New Delhi in association with IEEE and IIPC, AICTE, on 21st January 2023. |
| 2 | Deepak, V. attended webinar on Unlocking the Power of Language Generation CHATGPT: OPENAI at Presidency University, Bengaluru on 31 January 2023. |
| 3 | Deepak, V. attended webinar on Robotics Process Automation at BVICAM, New Delhi in association with IEEE and IIPC, AICTE, on 21 January 2023. |
| 4 | Shona, S. Presented paper entitled Implementation and Comparative Analysis of Static and Dynamic Load Balancing Algorithms in SDN in 2nd International Conference for Advancement in Technology (ICONAT) during 24th and 26th January 2023 organised by Rajarambapu Institute of Technology, Maharashtra, Co-sponsored by IEEE Bombay section. |
| 5 | Deepak, V. attended webinar on User Experience Considerations for Building Modern Apps at BVICAM, New Delhi in association with IEEE and IIPC, AICTE, on 4 February 2023. |

| FACULTY OF ART AND DESIGN | |
|----------------------------|---|
| Department: Fashion Design | |
| Sl. No. | Details |
| 1 | Nagaveni, K. attended webinar on 5 Trends Redefining Commerce in 2023, Organised by Euromonitor International on 02 February 2023. |
| 2 | Nagaveni, K. attended Interaction Session on Project Report Preparation from Banker's Perspective and Product Identification (MSME) by Gopinath Rao IED, Dy Director, MSME organised by MSME on 04 February 2023. |
| 3 | Nagaveni, K. organised visit to Harshakala – National Handloom Expo 2023 on 10 February 2023. |
| 4 | Smitha and Asleesha, B. organised visit to Nav Prabhuthi Unit, 344, 5th Main, BEML Layout, Basveswaranagar, Bangalore on 22 February 2023. |
| 5 | Nagaveni, K. attended webinar on How to join an ERC Team in Europe as ICSSR and SERB Researcher, organised by EURAXESS on 24 March 2023. |
| 6 | Nagaveni K attended Webinar on Fundamentals of Research Ethics with Turnitin organised by Parul University on 7 July 2023 |
| 7 | Dr Mamatha Hegde attended Talk on Global Scenario in Technical Education by Prof. J. N. Reddy of Texas A & M University on 30 June 2023 |
| 8 | Nagaveni K attended Talk on Global Scenario in Technical Education by Prof. J. N. Reddy of Texas A & M University on 30 June 2023 |
| 9 | Nagaveni K attended Webinar on Digitalising the textile value chain: Accelerating sustainability and innovation through digitalised colour management on 30 May 2023 |
| 10 | Nagaveni K attended Webinar on Maximize Your Research Efficiency with ProQuest One Academic on 13 June 2023 |
| 11 | Nagaveni K attended webinar on Thinking numbers in pictures: Data visualization for research articles organised by Elsevier Research Academy on 29 June 2023 |
| W- 1 | Lohit H S attended workshop on Adobe - AICTE Digital Creativity Skills organised by Ramaiah University of Applied Sciences on 1 June 2023 |
| 2 | Archana Patil attended workshop on Adobe - AICTE Digital Creativity Skills organised by Ramaiah University of Applied Sciences on 1 June 2023 |

Annexure 12

| | |
|----|--|
| 3 | Reemi Thakuri attended workshop on Adobe - AICTE Digital Creativity Skills organised by Ramaiah University of Applied Sciences on 1 June 2023 |
| 4 | Pratheek attended workshop on Adobe - AICTE Digital Creativity Skills organised by Ramaiah University of Applied Sciences on 1 June 2023 |
| 5 | Vignesh Ravichandran attended workshop on Adobe - AICTE Digital Creativity Skills organised by Ramaiah University of Applied Sciences on 1 June 2023 |
| 6 | Goutham N attended workshop on Adobe - AICTE Digital Creativity Skills organised by Ramaiah University of Applied Sciences on 1 June 2023 |
| 7 | Murali Krishna attended workshop on Adobe - AICTE Digital Creativity Skills organised by Ramaiah University of Applied Sciences on 1 June 2023 |
| 8 | Vidyanand Desai attended workshop on Adobe - AICTE Digital Creativity Skills organised by Ramaiah University of Applied Sciences on 1 June 2023 |
| 9 | Suresh attended workshop on Adobe - AICTE Digital Creativity Skills organised by Ramaiah University of Applied Sciences on 1 June 2023 |
| 10 | Srinivasa attended workshop on Adobe - AICTE Digital Creativity Skills organised by Ramaiah University of Applied Sciences on 1 June 2023 |
| 11 | Bala Vignesh attended workshop on Adobe - AICTE Digital Creativity Skills organised by Ramaiah University of Applied Sciences on 1 June 2023 |
| 12 | Karthik attended workshop on Adobe - AICTE Digital Creativity Skills organised by Ramaiah University of Applied Sciences on 1 June 2023 |
| 13 | Dr Mamatha Hegde attended workshop on Adobe - AICTE Digital Creativity Skills organised by Ramaiah University of Applied Sciences on 1 June 2023 |
| | Department: Industrial Design |
| 1 | Srinivasa attended Technical Talk on Sustainability of Renewable Energy Technologies, Ramaiah Technology Campus on 7th February 2023. |
| 2 | Bala Vignesh and Vijay organised visit to Indira Gandhi National Centre for Arts on 20 March 2023. |

Annexure 12

| FACULTY OF MANAGEMENT AND COMMERCE | |
|---|---|
| Department: Management Studies | |
| Sl. No. | Details |
| 1 | Sonali Gupta presented her paper titled Whither the Prescription? Analysing the Evolution of Business Incubation Policy and Practice in India at INDAM 2023 (The 8th Indian Academy of Management Conference) held in Mumbai on 6 to 8 January 2023. |
| 2 | Sonali Gupta was invited by Indian Institute of Technology Jodhpur to Deliver Academy Keynote Speech at the 1st Online Doctoral Colloquium of School of Management and Entrepreneurship, held on 25 February 2023. |
| 3 | Sharath Kumar, K. M. Panel Speaker for an ASIP and NIGT Symposium on Green Technology Cooperation, South Korea. The Event is sponsored by UNIDO. On 27 February 2023 |
| 4 | Sonali Gupta's paper titled It Takes A Tortoise to Win: Understanding The Role of Patience in the Early-Stage Entrepreneurial Process" is accepted for the Babson College Entrepreneurship Research Conference scheduled to be held at University of Tennessee, Knoxville in June 2023. |
| 5 | Sushma attended a webinar on "From Idea to Market: Navigating the Entrepreneurial Journey" by Gulshan Sharma – Founder – Falhari organized by GIBS, Bangalore on 18th July 2023. |
| 6 | Sushma attended a webinar on "Building a Brand for Health and Well-being: Lessons from The Heath Binge" by Mr. Karan Korke and Mr. Parnav Korke – Co-founder of The Healthy Binge organized by GIBS, Bangalore on 28th July 2023. |
| W- 1 | Usha, N. attended Three days' workshop on Grant Writing organized by the Office of Research and Innovation and Centre of Professional Development & Training, Ramaiah University of Applied Sciences between 12th to 14th July 2023. |
| | Nirmal Singh attended Three days' workshop on Grant Writing organized by the Office of Research and Innovation and Centre of Professional Development & Training, Ramaiah University of Applied Sciences between 12th to 14th July 2023 |
| | Shivakami attended 30 days online workshop on Scholarly Writing and Publishing: Emerging Areas and Challenges from AI organized by Lore & Ed Research in Association with 30 university/colleges of Kerala on 29 May to 03 July 2023. |

Annexure 12

| FACULTY OF MATHEMATICAL & PHYSICAL SCIENCES (FMPS) | |
|---|--|
| Department of: Mathematics and Statistics | |
| Sl. No. | Details |
| 1 | Shekar, M. attended Six days International workshop on Non-Linear Stability of Thermoconvective Flows, organized by Centre for Mathematical Needs, Department of Mathematics, Christ (Deemed to be University), Bengaluru from 09 January 2023 to 14 January 2023. |

| FACULTY OF LIFE AND ALLIED HEALTH SCIENCES | |
|---|--|
| Department: Allied Health Sciences | |
| Sl. No. | Details |
| 1 | Adjunct faculty member at University of Kansas Medical Center ; Director and scientific advisor at Indian Academy degree college, Bangalore;emeritus professor at University of Minnesota, USA |
| 2 | Post-doctoral fellow at the MRC- Laboratory of Molecular Biology in Cambridge UK |
| 3 | Senior Principal (Life Sciences) with Vistrian Inc, Milpitas, California |
| 4 | Professor of Practice at FLAHS |
| 5 | Thermo Fisher Scientific |
| 6 | NCBS-TIFR |
| 7 | Oncostem Diagnostics |
| 8 | Ramaiah Medical College |
| 9 | Indian Institute of Science |
| 10 | InStem |
| 11 | Molecular Solutions Care Health |
| 12 | Mazumdar Shaw Medical Foundation |
| 13 | NCBS-TIFR |
| 14 | NIMHANS |

Annexure 12

| FACULTY OF HOSPITALITY MANAGEMENT & CATERING TECHNOLOGY | |
|--|---|
| Department of : Management Studies - Hospitality | |
| Sl. No. | Details |
| 1 | MS Vineeta Kumari attended 3 days workshop on 'Grant Writing' conducted by the office of research and innovation and center of professional development and training, Ramaiah University, Bengaluru from 12 to 14 July 2023. |
| | Ms Pratisha Baruah attended 3 days workshop on 'Grant Writing' conducted by the office of research and innovation and center of professional development and training, Ramaiah University, Bengaluru from 12 to 14 July 2023. |
| | Dr. Sweety Jamgade attended 3 days workshop on 'Grant Writing' conducted by the office of research and innovation and center of professional development and training, Ramaiah University, Bengaluru from 12 to 14 July 2023. |
| | Mr. Rajesh S. attended 3 days workshop on 'Grant Writing' conducted by the office of research and innovation and center of professional development and training, Ramaiah University, Bengaluru from 12 to 14 July 2023. |
| | Mr. Raghavendra T. attended 3 days workshop on 'Grant Writing' conducted by the office of research and innovation and center of professional development and training, Ramaiah University, Bengaluru from 12 to 14 July 2023. |
| Department: Front Office | |
| 1 | Pratisha, B. participated in the International Conference on Current Issues in Education (IC-CIE-23) organised by Institute for Technical and Academic Research (ITAR) in Bangalore, India on 25 February 2023. |

| FACULTY OF DENTAL SCIENCES | |
|---|---|
| Department of: Oral Medicine & Radiology | |
| Sl. No. | Details |
| 1 | Shwetha, V. attended Scoping Review Workshop, conducted at FDS, Bangalore on 24 th January 2023. |
| 2 | Pavan Kumar, T. attended Scoping Review Workshop, conducted at FDS, Bangalore on 24 th January 2023 |
| Department of: Periodontics | |
| 1 | Bhavya Shetty attended the ICMR-National Institute of Epidemiology on Scientific Writing in Health Research on Dec 30 th 2022. |
| 2 | Bhavya Shetty attended the ICMR-National Institute of Epidemiology on Scientific Writing in Health Research on Dec 30 th 2022. |
| 3 | Akshatha Raj attended the ICMR-National Institute of Epidemiology on Scientific Writing in Health Research on Dec 30 th 2022. |
| 4 | Rohit Prasad attended the ICMR-National Institute of Epidemiology on Scientific Writing in Health Research on Dec 30 th 2022. |
| 5 | Greeshma, C. completed an online course on Understanding Clinical Research: Behind the Statistics from University of Cape Town on 3 rd March 2023. |
| 6 | Kranti, K. attended an International Webinar on Serum Titanium Levels and its Clinical Significance in Dental Implants Patients in Association with DRAIN ON 7th March 2023. |
| 7 | Ashwini, S. attended an International Webinar on Serum Titanium Levels and its Clinical Significance in Dental Implants Patients in Association with DRAIN ON 7th March 2023. |

Annexure 12

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| 8 | Bhavya Shetty attended an International Webinar on Serum Titanium Levels and its Clinical Significance in Dental Implants Patients in Association with DRAIN ON 7th March 2023. |
| 9 | Akshatha Raj attended an International Webinar on Serum Titanium Levels and its Clinical Significance in Dental Implants Patients in Association with DRAIN ON 7th March 2023. |
| 10 | Lavanya attended an International Webinar on Serum Titanium Levels and its Clinical Significance in Dental Implants Patients in Association with DRAIN ON 7th March 2023. |
| 11 | Greeshma attended an International Webinar on Serum Titanium Levels and its Clinical Significance in Dental Implants Patients in Association with DRAIN ON 7th March 2023. |
| 12 | Greeshma, C. attended a workshop on Scoping Review by JBI, University of Adelaide on the 24th of January 2023. |
| 13 | Greeshma, C. attended a Hands-on workshop on Biomaterials and their Characterization- Electrospun Nanofibers from Saveetha University on 16th of February 2023. |
| 14 | Rohit Prasad attended the Hands on Training on Osseodensification by Dr. Udattha Kher on 19 th February 2023. |
| 15 | Akshatha Raj attended Hands on Workshop on Hard and Soft Tissue Management at Implant Sites on 10th March 2023. |
| 16 | Rohit Prasad attended Hands on Workshop on Hard and Soft Tissue Management at Implant Sites on 10th March 2023. |
| 17 | Ashwini, S. attended Pre – Conference Workshop on National Education Policy at RUAS DENTCON 2023, organized by Faculty of Dental Sciences, Ramaiah University of Applied Sciences held from 2 nd to 4 th March 2023. |
| 18 | Lavanya, R. attended Pre – Conference Workshop on National Education Policy at RUAS DENTCON 2023, organized by Faculty of Dental Sciences, Ramaiah University of Applied Sciences held from 2 nd to 4 th March 2023. |

Department of: Pedodontics and Preventive Dentistry

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| 1 | Lalitha Jairam attended a workshop on Scoping Review by JBI, University of Adelaide on the 24th of January 2023. |
| 2 | Elizabeth Abbu Varghese attended a workshop on Scoping Review by JBI, University of Adelaide on the 24th of January 2023. |
| 3 | Dhananjaya, G. attended the workshop on Systematic Review by Dr. Denny John on 18 th March and 20 th March 2023. |
| 4 | Ashmitha Shetty attended the workshop on Systematic Review by Dr. Denny John on 18 th March and 20 th March 2023. |
| 5 | Pushpalatha, C. attended the workshop on Systematic Review by Dr. Denny John on 18 th March and 20 th March 2023. |
| 6 | Lalitha Jairam attended the workshop on Systematic Review by Dr. Denny John on 18 th March and 20 th March 2023. |
| 7 | Elizabeth Varghese attended the workshop on Systematic Review by Dr. Denny John on 18 th March and 20 th March 2023. |
| 8 | Usha Iyengar attended the workshop on Systematic Review by Dr. Denny John on 18th March and 20th March 2023. |
| 9 | Dhananjaya, G. attended a workshop on Nitrius Oxide Sedation by Dr. Srinivas Namenini on 30 th and 31 st March 2023. |
| 10 | Ashmitha Shetty attended a workshop on Nitrius Oxide Sedation by Dr. Srinivas Namenini on 30 th and 31 st March 2023. |
| 11 | Pushpalatha C attended a workshop on Nitrius Oxide Sedation by Dr. Srinivas Namenini on 30 th and 31 st March 2023. |
| 12 | Lalitha Jairam attended a workshop on Nitrius Oxide Sedation by Dr. Srinivas Namenini on 30 th and 31 st March 2023. |
| 13 | Elizabeth Abbu Varghese attended a workshop on Nitrius Oxide Sedation by Dr. Srinivas Namenini on 30 th and 31 st March 2023. |

Annexure 12

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| 14 | Usha Iyengar attended a workshop on Nitrius Oxide Sedation by Dr. Srinivas Namenini on 30 th and 31 st March 2023. |
| Department of: Prosthodontics | |
| 1 | Karishma attended a webinar on Cracking the Code for Pursuing a Career in Dentistry in United States, organized by the Department of Orthodontics and Dentofacial Orthopaedics, FDS, RUAS in Association with the University of Illinois, Chicago, Held on 16th January 2023. |
| 2 | Karishma attended Scoping Review Workshop conducted by JBI, organized by FDS, RUAS on 24th January 2023. |
| 3 | Karishma attended a 2 days Training Program and workshop on Health in a Challenging Climate: Empowering Health Professionals, organized by the Divecha Centre for Climate Change, IISc on February 3rd and 4th 2023. |
| 4 | Vibha attended a seminar on Serum Titanium Levels and its Significance in Dental Implants Patients, by Dr. Mahantesha conducted by Dental Research and Academic International Network on 18th March 2023. |
| Department of: Conservative Dentistry and Endodontics | |
| 1 | Poornima Ramesh has attended the Hands-on workshop on Scouting the Anatomy- Management of Mid-Root Splits by Dr. Sanil Natekar at the 1 st Style Italiano Endodontics India International Conference conducted in association with Euro Dental Academie, at Jio world convention centre, Mumbai on 4th to 5th February 2023. |
| 2 | Swaroop Hegde attended a seminar on Endotactics...Conquering the Endodontic Miasma by Dharam Hinduja at RUAS DENTCON 2023 National Conference, organized by Faculty of Dental Sciences, Ramaiah University of Applied Sciences on 3rd March 2023. |
| 3 | Sylvia Mathew attended a seminar on Endotactics...Conquering the Endodontic Miasma by Dharam Hinduja at RUAS DENTCON 2023 National Conference, organized by Faculty of Dental Sciences, Ramaiah University of Applied Sciences on 3rd March 2023. |
| 4 | Indiresha, H. N. attended a seminar on Endotactics...Conquering the Endodontic Miasma by Dharam Hinduja at RUAS DENTCON 2023 National Conference, organized by Faculty of Dental Sciences, Ramaiah University of Applied Sciences on 3rd March 2023. |
| 5 | Shruthi.N attended a seminar on Endotactics...Conquering the Endodontic Miasma by Dharam Hinduja at RUAS DENTCON 2023 National Conference, organized by Faculty of Dental Sciences, Ramaiah University of Applied Sciences on 3rd March 2023. |
| 6 | Dinesh, K. attended a seminar on Endotactics...Conquering the Endodontic Miasma by Dharam Hinduja at RUAS DENTCON 2023 National Conference, organized by Faculty of Dental Sciences, Ramaiah University of Applied Sciences on 3rd March 2023. |
| 7 | Nithin Shetty attended a seminar on Endotactics...Conquering the Endodontic Miasma by Dharam Hinduja at RUAS DENTCON 2023 National Conference, organized by Faculty of Dental Sciences, Ramaiah University of Applied Sciences on 3rd March 2023. |
| 8 | Chatura Mohan attended a seminar on Endotactics...Conquering the Endodontic Miasma by Dharam Hinduja at RUAS DENTCON 2023 National Conference, organized by Faculty of Dental Sciences, Ramaiah University of Applied Sciences on 3rd March 2023. |
| 9 | Poornima Ramesh attended a seminar on Endotactics...Conquering the Endodontic Miasma by Dharam Hinduja at RUAS DENTCON 2023 National Conference, organized by Faculty of Dental Sciences, Ramaiah University of Applied Sciences on 3rd March 2023. |
| 10 | Radha. S. attended a seminar on Endotactics...Conquering the Endodontic Miasma by Dharam Hinduja at RUAS DENTCON 2023 National Conference, organized by Faculty of Dental Sciences, Ramaiah University of Applied Sciences on 3rd March 2023. |
| 11 | Swaroop Hegde attended seminar on Principles and Practice of Aesthetics by Ashish Shetty at RUAS DENTCON 2023 National Conference, organized by Faculty of Dental Sciences, Ramaiah University of Applied Sciences on 4 th March 2023. |
| 12 | Sylvia, M. attended seminar on Principles and Practice of Aesthetics by Ashish Shetty at RUAS DENTCON 2023 National Conference, organized by Faculty of Dental Sciences, Ramaiah University of Applied Sciences on 4 th March 2023. |

Annexure 12

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| 13 | Indiresha, H. N. attended seminar on Principles and Practice of Aesthetics by Ashish Shetty at RUAS DENTCON 2023 National Conference, organized by Faculty of Dental Sciences, Ramaiah University of Applied Sciences on 4 th March 2023. |
| 14 | Shruthi, N. attended seminar on Principles and Practice of Aesthetics by Ashish Shetty at RUAS DENTCON 2023 National Conference, organized by Faculty of Dental Sciences, Ramaiah University of Applied Sciences on 4 th March 2023. |
| 15 | Dinesh, K. attended seminar on Principles and Practice of Aesthetics by Ashish Shetty at RUAS DENTCON 2023 National Conference, organized by Faculty of Dental Sciences, Ramaiah University of Applied Sciences on 4 th March 2023. |
| 16 | Nithin, S. attended seminar on Principles and Practice of Aesthetics by Ashish Shetty at RUAS DENTCON 2023 National Conference, organized by Faculty of Dental Sciences, Ramaiah University of Applied Sciences on 4 th March 2023. |
| 17 | Chatura, M. attended seminar on Principles and Practice of Aesthetics by Ashish Shetty at RUAS DENTCON 2023 National Conference, organized by Faculty of Dental Sciences, Ramaiah University of Applied Sciences on 4 th March 2023. |
| 18 | Poornima, R. attended seminar on Principles and Practice of Aesthetics by Ashish Shetty at RUAS DENTCON 2023 National Conference, organized by Faculty of Dental Sciences, Ramaiah University of Applied Sciences on 4 th March 2023. |
| 19 | Radha, S. attended seminar on Principles and Practice of Aesthetics by Ashish Shetty at RUAS DENTCON 2023 National Conference, organized by Faculty of Dental Sciences, Ramaiah University of Applied Sciences on 4 th March 2023. |

Department of: Orthodontics

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| 1 | Prashantha, G. S. attended Scientific Sessions of ORTHOALUMNI MEET – 2023, organized by Bapuji Dental College and Hospital, Davangere on 24 th and 25 th January 2023. |
| 2 | Sathyashree attended a Webinar on Research and Social Media, conducted by Faculty of Pharmacy, RUAS, Bangalore on 28 th January 2023. |
| 3 | Nirajita has attended Scoping Review workshop on 24th and 25th Jan 2023. |
| 4 | Silju, M. attended a workshop on Efficient Orthodontic Mechanics and Techniques, organized by KLE Institute of Dental Sciences, Bangalore on 1st February 2023. |
| 5 | Prashantha, G. S. attended a workshop on Efficient Orthodontic Mechanics and Techniques, organized by KLE Institute of Dental Sciences, Bangalore on 1st February 2023. |
| 6 | Sunil Kumar attended a workshop on Efficient Orthodontic Mechanics and Techniques, organized by KLE Institute of Dental Sciences, Bangalore on 1st February 2023. |
| 7 | Roshan, M. Sagarkar attended a workshop on Efficient Orthodontic Mechanics and Techniques, organized by KLE Institute of Dental Sciences, Bangalore on 1st February 2023. |
| 8 | Sharanya Sabrish attended a workshop on Efficient Orthodontic Mechanics and Techniques, organized by KLE Institute of Dental Sciences, Bangalore on 1st February 2023. |
| 9 | Madhavi Naidu attended a workshop on Efficient Orthodontic Mechanics and Techniques, organized by KLE Institute of Dental Sciences, Bangalore on 1st February 2023. |
| 10 | Sathyashree attended a workshop on Efficient Orthodontic Mechanics and Techniques, organized by KLE Institute of Dental Sciences, Bangalore on 1st February 2023. |
| 11 | Nirajita attended a workshop on Efficient Orthodontic Mechanics and Techniques, organized by KLE Institute of Dental Sciences, Bangalore on 1st February 2023. |
| 12 | Prashantha, G. S. attended a workshop on Clear Aligners – Treatment Planning and Protocols, organized by Bangalore Institute of Dental Sciences, Bangalore on 13th March 2023. |
| 13 | Sunil Kumar attended a workshop on Clear Aligners – Treatment Planning and Protocols, organized by Bangalore Institute of Dental Sciences, Bangalore on 13th March 2023. |
| 14 | Sharanya Sabrish attended a workshop on Clear Aligners – Treatment Planning and Protocols, organized by Bangalore Institute of Dental Sciences, Bangalore on 13th March 2023. |
| 15 | Madhavi Naidu attended a workshop on Clear Aligners – Treatment Planning and Protocols, organized by Bangalore Institute of Dental Sciences, Bangalore on 13th March 2023. |

Annexure 12

| Department of: Oral Pathology and Microbiology | |
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| 1 | Augustine, D. attended a workshop on Scoping Review by JBI, University of Adelaide 24th and 25th January 2023. |
| 2 | Surendra, L. attended webinar on Sports Dentistry: Explore its Scope and Avenue at Indian Academy of Sports Dentistry in Association with Indian Dental Association on 26th February 2023. |
| 3 | Surendra, L. attended an International Webinar on Serum Titanium Levels and its Clinical Significance in Dental Implants Patients in Association with DRAIN ON, on 7th March 2023. |
| Department of: Oral & Maxillofacial Surgery | |
| 1 | Parimala Sagar attended the workshop on Regeneration Materials for Implants, Bangalore on 10 th March 2023. |
| 2 | Sejal attended the workshop on Regeneration Materials for Implants, Bangalore on 10 th March 2023. |
| 3 | Kavitha Prasad attended the Workshop on National Education Policy at Preconference held at DENTCON 2023 at RUAS. |
| 4 | Vineeth attended the Workshop on National Education Policy at Preconference held at DENTCON 2023 at RUAS. |

Annexure 12

| RAMAIAH MEDICAL COLLEGE | |
|---------------------------------|--|
| Department of: Vascular surgery | |
| Sl. No. | Details |
| 1 | Chitra, S. attended seminar on Mangement of Pitutary Disordders, held on 26 th to 27 th February 2023. |
| 2 | Sunil Furtado attended seminar on Hybrid Neurosurgery, held on 4 th February, 2023. |
| 3 | Pramila Kalra attended seminar on Thyroid Disorders- Indian Scenario, held on 3 rd January, 2023. |
| 4 | Pramila Kalra attended seminar on Mangament of Thyroid Disorders on NDTV, held on 2 nd January 2023. |
| 5 | Department of Neurology, attanded Workshop on Brain, Computation and Learning at IISc. Bangalore on 9 th to 13 th january 2023. |
| 6 | Ramaiah Alumini Meet organised conference on 7 th to 8 th January, 2023. |
| 7 | Ramaiah Medical College attended State level Medico-legal conference, organised by IMA. |
| 8 | Sunil Furtado delivered guest lecture on Neurosurgery on 13 th february, 2023. |
| 9 | Prasanna Kumar T attended a webinar on NOACs in Pulmonary Embolism- Evidence and Insights, conducted by PZIFER, on 28 July 2023. |
| W1 | F Tanisha Saleem attended a workshop, ICLINSYMPOSIA 2023 conducted by the INFOCLIN Consultancy with Indian Society of Clinical Research, on 28 th July 2023. |
| 2 | Greeshma V Biju attended a workshop on AEROSPACE MEDICINE: Physiology and Beyond conducted by the Department of Physiology, RMC, on 21 July 2023. |
| Department of: Nephrology | |
| 1 | Department of Nephrology attended ISNSCCON 2023 conference, held on 10 th to 12 th February 2023. |
| Department of: General Surgery | |
| 1 | Department of General Surgery attended KSCASICON conference, held on 10 th – 12 th February 2023. |
| Department of: Endocriniology | |
| 1 | Department of Endocriniology attended SPEEDCON conference, held on January 2023. |
| Department of: Neurology | |
| 1 | Department of Neurology attended USICON conference, held on February 2023. |
| Department of: Radiology | |
| 1 | Department of Radiology, Indian Radio, Logical and Imaging Association, held on February 2023. |

Annexure – 13

Annexure 13



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NOTIFICATION

No. MSRUAS/FS/012/2022

Date: 20th June, 2022

Subject: Fee Structure for the Academic Year 2022-23

Ref: 23rd meeting of the Board of Governors dated 18th June, 2022, Agenda Item No. 23.6

As per approval of the Board of Governors in its 23rd meeting dated 18th June, 2022 vide BOG Agenda item No. 23.6, the Fee Structure for the Academic Year 2022-23 is hereby notified for all the UG and PG courses under various faculties of Ramaiah University of Applied Sciences as below:

Fee Structure for the Academic Year 2022-23

| Fees for Under Graduation Courses | | | | |
|-----------------------------------|---------|--------|--|----------------------|
| Sl No | Faculty | Course | Programme | Proposed Fee 2022-23 |
| 1 | FET | B.Tech | AEROSPACE ENGINEERING | 2,40,000 |
| | | | AUTOMOTIVE ENGINEERING | 2,40,000 |
| | | | CIVIL ENGINEERING | 2,40,000 |
| | | | COMPUTER SCIENCE AND ENGINEERING | 3,40,000 |
| | | | ELECTRICAL AND ELECTRONICS ENGINEERING | 2,40,000 |
| | | | ELECTRONICS AND COMMUNICATION ENGINEERING | 2,40,000 |
| | | | MECHANICAL ENGINEERING | 2,40,000 |
| | | | ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING | 2,40,000 |
| | | | INFORMATION SCIENCE AND ENGINEERING | 2,40,000 |
| | | | MATHEMATICS AND COMPUTING | 2,40,000 |



| | | | | |
|---|-------|-------------|--|----------|
| | | | ROBOTICS | 2,40,000 |
| 2 | FAD | B.Des | PRODUCT DESIGN | 2,00,000 |
| | | | FASHION DESIGN | 2,00,000 |
| | | | INTERACTION DESIGN | 2,15,000 |
| 3 | FMPS | B.Sc | CHEMISTRY | 1,00,000 |
| | | | MATHEMATICS | 1,00,000 |
| | | | PHYSICS | 1,00,000 |
| | | | STATISTICS | 1,00,000 |
| 4 | FDS | BDS | | 7,50,000 |
| 5 | FPH | B.Pharma | | 2,05,000 |
| | | Pharma D | | 3,40,000 |
| 6 | FHMCT | BHM | | 1,75,000 |
| 7 | FMC | B.Com | | 1,00,000 |
| | | BBA | | 1,25,000 |
| 8 | FLAHS | B.Sc Hons | BIOTECHNOLOGY | 1,40,000 |
| | | | FOOD PROCESSING AND TECHNOLOGY | 1,40,000 |
| | | | CARDIAC CARE TECHNOLOGY (CCT) | 2,40,000 |
| | | | DIALYSIS THERAPY TECHNOLOGY(DTT) | 1,40,000 |
| | | | MEDICAL RADIOLOGY AND IMAGING TECHNOLOGY(MRIT) | 2,15,000 |
| | | | ANAESTHESIA & OPERATION THEATER TECHNOLOGY (AOTT) | 1,90,000 |
| | | | OPTOMETRY (OPT) | 1,65,000 |



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|----|-----|----------|---|----------|
| 9 | SSS | BA | Sociology | 1,15,000 |
| | | B.Sc | B.Sc(Hons)-(DATA SCIENCE AND ANALYTICS) | 1,40,000 |
| | | | B.Sc(Hons)-PHSYCOLOGY | 1,35,000 |
| | | | B.Sc(Hons)-ECONOMICS | 1,15,000 |
| 10 | SOL | B.Sc-LLB | | 1,40,000 |

Fees for Post Graduation Courses

| Sl No | Faculty | Course | Programme | Proposed Fee 2022-23 |
|-------|---------|--------|---|-------------------------|
| 1 | FET | M.Tech | AEROSPACE ENGINEERING | 2,15,000 |
| | | | STRUCTURAL ENGINEERING | 2,40,000 |
| | | | CONSTRUCTION ENGINEERING AND MANAGEMENT | 2,40,000 |
| | | | ENVIRONMENTAL ENGINEERING AND MANAGEMENT | 2,15,000 |
| | | | TRANSPORTATION ENGINEERING | 2,15,000 |
| | | | DATA SCIENCE AND ENGINEERING | 2,15,000 |
| | | | ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING | 2,15,000 |
| 2 | FAD | M.Des | ROBOTIC ENGINEERING | 2,15,000 |
| | | | PRODUCT DESIGN | 2,15,000 |
| | | | FASHION DESIGN | 2,15,000 |
| 3 | FMPS | M.Sc | APPLIED SOLID STATE PHYSICS | 95,000 |



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|---|-----|----------|---|-----------|
| | | | OPTOELECTRONICS | 95,000 |
| | | | NUCLEAR PHYSICS AND TECHNOLOGY | 95,000 |
| | | | APPLIED MATHEMATICS | 95,000 |
| | | | ANALYTICAL CHEMISTRY | 95,000 |
| | | | INDUSTRIAL CHEMISTRY | 95,000 |
| | | | ORGANIC CHEMISTRY | 95,000 |
| 4 | FDS | MDS | Oral Medicine and Radiology | 4,25,000 |
| | | | Periodontics | 10,65,000 |
| | | | Oral and Maxillofacial Surgery | 14,75,000 |
| | | | Conservative Dentistry and Endodontics | 14,75,000 |
| | | | Orthodontics and Dentofacial Orthopaedics | 14,75,000 |
| | | | Oral Pathology and Microbiology | 4,25,000 |
| | | | Public Health Dentistry | 4,25,000 |
| | | | Pedodontics and Preventive Dentistry | 10,75,000 |
| | | | Prosthodontics, Crown and Bridge | 14,75,000 |
| 5 | FPH | M Pharma | PHARMACOGNOSY | 1,90,000 |
| | | | PHARMACEUTICAL CHEMISTRY | 1,90,000 |



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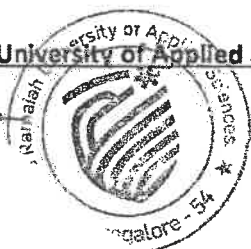
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| | | | | |
|---|-------|-------|------------------------------------|----------|
| | | | PHARMACEUTICS | 2,00,000 |
| | | | PHARMACOLOGY | 2,00,000 |
| | | | PHARMACY PRACTICE | 1,90,000 |
| 6 | FHMCT | FHMCT | | NA |
| 7 | FMC | MBA | | 3,40,000 |
| | | M Com | | 90,000 |
| 8 | FLAHS | M.Sc | BIOTECHNOLOGY | 1,40,000 |
| | | | FOOD SCIENCE AND TECHNOLOGY | 1,50,000 |
| | | | FOOD NUTRITION AND DITETICS | 1,40,000 |
| | | | MOLECULAR AND CELLULAR BIOLOGY | 1,40,000 |
| | | MPH | MASTERS IN PUBLIC HEALTH | 1,60,000 |
| | | MHA | MASTERS OF HOSPITAL ADMINISTRATION | 2,25,000 |
| 9 | SSS | MA | Public Policy | 1,90,000 |

For M.S. Ramaiah University of Applied Sciences

m - Sai Baba
Prof. M.Sai Baba
Registrar



Copy submitted to Hon'ble Vice Chancellor for kind information
Copy to -Deans of all Faculties

NOTIFICATION

No. MSRUAS/FS/013/2022

Subject: Fee Structure for the Academic Year 2022-23

Ref: Fee Fixation Committee Report dated 20th August, 2022

As per the approval of the Board of Management the Fee Structure for all UG & PG courses under the Faculties of Ramaiah Medical College, Ramaiah Institute of Nursing Education & Research and Ramaiah College of Physiotherapy of Ramaiah University of Applied Sciences for the academic year 2022-23 is notified hereunder:

Fee for Various Courses (UG & PG) at MSR Medical College

| U G Degree | No. of Govt Seats | Govt fixed fees Per Seat | Private Seats | Proposed fee structure Per Seat | NRI Seats | Proposed NRI Fees Per Seat |
|------------|-------------------|--------------------------|---------------|---------------------------------|-----------|----------------------------|
| MBBS | 60 | 1,28,746 | 60 | 22,00,000 | 30 | 40,00,000 |

| Particulars | No. of Seats | Govt fixed fees Per Seat | Private Seats | Proposed fee structure Per Seat | NRI Seats | Proposed NRI Fees Per Seat |
|-------------------------------|--------------|--------------------------|---------------|---------------------------------|-----------|----------------------------|
| PG - Degree - clinical | | | | | | |
| Dermatology | 1 | 7,13,780 | 2 | 60,00,000 | 3 | 1,20,00,000 |
| Paediatrics | 7 | 7,13,780 | 9 | 45,00,000 | 2 | 80,00,000 |
| General Medicine | 8 | 7,13,780 | 9 | 45,00,000 | 3 | 90,00,000 |
| Radiation oncology | 2 | 7,13,780 | 3 | 20,00,000 | - | - |



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| | | | | | | |
|-------------------------|---|----------|---|-----------|---|-------------|
| Radio Diagnosis | 5 | 7,13,780 | 6 | 50,00,000 | 3 | 1,00,00,000 |
| Respiratory Medicine | 1 | 7,13,780 | 2 | 35,00,000 | 1 | 65,00,000 |
| Ophthalmology | 2 | 7,13,780 | 3 | 35,00,000 | 1 | 65,00,000 |
| Orthopaedics | 5 | 7,13,780 | 5 | 40,00,000 | 2 | 75,00,000 |
| Anesthesia | 8 | 7,13,780 | 6 | 20,00,000 | 1 | 40,00,000 |
| General Surgery | 5 | 7,13,780 | 5 | 40,00,000 | 2 | 75,00,000 |
| OBG | 5 | 7,13,780 | 5 | 45,00,000 | 2 | 75,00,000 |
| Psychiatry | 1 | 7,13,780 | 1 | 25,00,000 | - | - |
| Hospital administration | 1 | 7,13,780 | 1 | 15,00,000 | - | - |
| Emergency medicine | 2 | 7,13,780 | 2 | 25,00,000 | - | - |
| ENT | 2 | 7,13,780 | 2 | 25,00,000 | - | - |

| Particulars | No. of Seats | Govt fixed fees Per Seat | Pvt Seats | Proposed fee structure Per Seat | NRI Seats | Proposed NRI Fees Per Seat |
|------------------------------------|--------------|--------------------------|-----------|---------------------------------|-----------|----------------------------|
| PG - Degree - pre clinical | | | | | | |
| Anatomy | 2 | 1,02,786 | 2 | 3,00,000 | - | - |
| Physiology | 2 | 1,02,786 | 2 | 3,00,000 | - | - |
| Biochemistry | 2 | 1,02,786 | 2 | 3,00,000 | - | - |
| PG - Degree - para clinical | | | | | | |
| Pathology | 3 | 1,90,070 | 4 | 4,00,000 | 1 | 15,00,000 |
| Pharmacology | 2 | 1,90,070 | 2 | 4,00,000 | - | - |
| Forensic Medicine | 2 | 1,90,070 | 1 | 4,00,000 | - | - |
| Micro Biology | 2 | 1,90,070 | 1 | 4,00,000 | - | - |



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| | | | | | | |
|--------------------|---|----------|---|----------|---|---|
| Community Medicine | 2 | 1,90,070 | 1 | 4,00,000 | - | - |
|--------------------|---|----------|---|----------|---|---|

Fee for Various Courses (UG & PG) at Ramaiah Institute of Nursing Education & Research

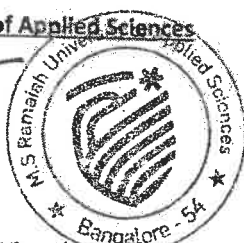
| Particulars | Total No. of Seats | No. of Govt Seats | Govt Fee Per Student | No. of Pvt. Seats | Proposed |
|-------------|--------------------|-------------------|----------------------|-------------------|----------|
| GNM | 60 | 6 | 4,500 | 54 | 80,000 |
| B.Sc (N) | 100 | 20 | 6,250 | 80 | 2,00,000 |
| PB.B.Sc (N) | 30 | 6 | 10,000 | 24 | 45,000 |
| M.Sc (N) | 35 | 8 | 80,000 | 27 | 1,25,000 |

Fee for Various Courses (UG & PG) at Ramaiah College of Physiotherapy

| Particulars | Total No. of Seats | No. of Govt Seats | Govt Fee Per Student | No. of Pvt. Seats | Proposed |
|-------------|--------------------|-------------------|----------------------|-------------------|----------|
| MPT | 20 | 8 | 1,25,000 | 12 | 4,00,000 |
| BPT | 40 | 16 | 30,000 | 24 | 3,00,000 |

For M.S. Ramaiah University of Applied Sciences


Dr. G.S. Venkatesh
Registrar



Copy submitted to Hon'ble Vice Chancellor for kind information
Copy to -Deans of all Faculties

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Annexure – 14

Annexure 14

2022-23

| Sl. No | Authorities | Number of meetings held in 2022-23 | Dates of meetings |
|--------|-----------------------------------|------------------------------------|--------------------------------|
| 1 | Board of Governors (BoG) | 1 | 28th Nov 2022 |
| 2 | Board of Management (BoM) | 2 | 21st Nov 2022 |
| | | | 23rd June 2023 |
| 3 | Finance Committee | 2 | 14th Nov 2022 |
| | | | 21st April 2023 |
| 4 | Research Innovation Council (RIC) | 3 | 6 th September 2022 |
| | | | 6 th March 2023 |
| | | | 5 th December 2023 |
| 5 | Academic Council Meeting (ACM) | 2 | 3rd April 2023 |
| | | | 14th July 2023 |

Annexure – 15



Service to Society 2023 Report



Content

| Sl. No | Faculties |
|--------|---|
| 1 | Faculty of Engineering & Technology (Computer Science & Engineering Team 1) |
| 2 | Faculty of Engineering & Technology (Computer Science & Engineering Team 2) |
| 3 | Faculty of Engineering & Technology (Computer Science & Engineering Team 3) |
| 4 | Faculty of Engineering & Technology (Computer Science & Engineering Team 4) |
| 5 | Faculty of Engineering & Technology (Electrical & Electronics Engineering) |
| 6 | Faculty of Engineering & Technology (Automotive and Aeronautical Engineering) |
| 7 | Faculty of Engineering & Technology (Mechanical & Manufacturing Engineering) |
| 8 | Faculty of Art & Design |
| 9 | Faculty of Mathematical & Physical Sciences |
| 10 | Faculty of Dental Sciences (Team 1) |
| 11 | Faculty of Dental Sciences (Team 2) |
| 12 | Faculty of Dental Sciences (Team 3) |
| 13 | Faculty of Management and Commerce |
| 14 | Faculty of Life & Allied Health Sciences (Team 1) |
| 15 | Faculty of Life & Allied Health Sciences (Team 2) |
| 16 | Faculty of Life & Allied Health Sciences (Team 3) |
| 17 | Faculty of Life & Allied Health Sciences (Team 4) |
| 18 | Faculty of Life & Allied Health Sciences (Team 5) |
| 19 | Faculty of Life & Allied Health Sciences (Team 6) |
| 20 | Faculty of Life & Allied Health Sciences (Team 7) |
| 21 | Faculty of Pharmacy (Team 1) |
| 22 | Faculty of Pharmacy (Team 2) |
| 23 | Faculty of Pharmacy (Team 3) |
| 24 | Faculty of Hospitality & Catering Technology (Team 1) |
| 25 | Faculty of Hospitality & Catering Technology (Team 2) |
| 26 | Faculty of Hospitality & Catering Technology (Team 3) |
| 27 | School of Law |

Faculty of Engineering and Technology

Department of Computer Science and Engineering

**Group Leaders: Mr. Nithin Rao R
Mr. Sagar D**

Date: 07-02-2023

1. Context (Preamble)

On 7th February 2023, a service to society activity was organized with the theme "**Avoid usage of Plastic**" and "**E-Waste disposal**" at Peenya, Bangalore. The main objective of the event was to raise awareness about the harmful effects of plastic and electronic waste on the environment and encourage people to adopt more sustainable practices.

2. Objectives

The primary objectives of the event were:

- a. To educate people about the harmful effects of plastic on the environment and how they can reduce their plastic usage.
- b. To raise awareness about the need for proper e-waste disposal and to educate people about how they can safely dispose off their electronic devices.
- c. To encourage people to adopt more sustainable practices in their daily lives.

3. Practice.

a. Planning

Two groups of about 40 students in each group headed by a teacher were formed. Each group consisted of a student representative whose task was to provide information regarding the activity to the rest of the group members. Each group planned what activities they would carry out and how they would bring awareness about it.

b. Resources required & procurement

Stationary items for creating posters and badges were purchased. In addition, cloth bags and jute bags were purchased to distribute to the local vendors.

c. Implementation.

Students were divided into sub-groups of 6-8 and selected different localities of Peenya. Charts prepared by them were displayed to the public and informed them about ill-effects of usage of plastic bags and improper disposal of e-waste.

d. Obstacles faced and strategies adopted to overcome them.

Since every teacher had around 40 students under them, managing with a limited budget of INR 7500 was a challenge.

e. Feedback

The feedback from the local vendors and public in general was overwhelmingly positive. Students benefited from experience by learning more about the community, developing their leadership skills, and gaining a sense of social responsibility.

4. Impact analysis.

- Environmental impact:

By educating the public on the negative impacts of plastic usage and the importance of responsible e-waste disposal, this event has the potential to reduce the amount of plastic waste and electronic waste that ends up in landfills or pollutes the environment. This can help reduce pollution, conserve resources, and protect wildlife.

- Social impact:

By creating awareness about the hazards of plastic and electronic waste, the event has the potential to encourage individuals to make changes in their daily lives and adopt more eco-friendly habits. This can lead to a more sustainable future and healthier communities.

- Economic impact:

By encouraging the responsible disposal of electronic waste, the event can help create jobs in the recycling industry and reduce the economic cost of waste disposal.

- Overall impact:

By raising awareness and encouraging responsible behavior, this event has the potential to create a significant positive impact on the environment, society, and economy. Through education and community action, one can work towards a more sustainable future and a healthier planet.

5. Learning outcomes

The event was a great success, and the teams were able to achieve our objectives. Here are some of the key learning outcomes:

- a. Participants learned about the impact of plastic on the environment and were able to identify ways to reduce their plastic usage, such as using reusable bags and water bottles.
- b. Participants learned about the importance of proper e-waste disposal and were able to identify ways to safely dispose of their electronic devices, such as recycling them at designated e-waste collection centers.
- c. Participants were inspired to adopt more sustainable practices in their daily lives, such as composting and using public transportation instead of driving solo.

6. Remarks and recommendation

Overall, the event was a great success and was successful in raising awareness about the importance of reducing plastic usage and properly disposing of electronic waste. It is hoped that this event has inspired people to adopt more sustainable practices and make a positive impact on the environment. It is requested to provide a transportation facility for such visits in future.





Department of Computer Science and Engineering

Group Leader: Mr. R. Ashwathanarayana

Date:07-02-2023

1. Context (Preamble)

A major problem in today's world is peoples disconnect from society at large, and studies have shown that engaging in community service can help individuals develop a greater understanding and appreciation for the struggles and challenges that others face, which can lead to a heightened sense of empathy and compassion. A day for service to the community was planned for 7th February 2023 at Atturu Government Higher Primary School, Atturu Layout, Yelahanka. The aim of this activity was to unite the students with their community and provide them with an opportunity to participate in meaningful service activities. Throughout the day, a variety of events were planned for the students. These included donating stationery to students, connecting with them, and teaching them.

2. Objectives

The main objective of our community service was to encourage social and empathetic development in students and to give back to the less fortunate. Community service program was aimed to improve the physical learning environment in the school by providing resources such as notebooks, stationary sets, and geometry boxes along with a fun break for the school students.

3. Practice.

a) Planning

The group of about 27 students consisted of a student representative who was tasked to provide all information regarding the activity to the rest of the group. They planned what activities

they would carry out and how they would entertain children at the school. Each kid was gifted a stationery item and chocolate.

b) Resources required & procurement.

Stationary items, chocolate for the school kids and refreshments for the University students were purchased from a nearby local mart.

c) Implementation.

Everyone reached the location by 9:00 AM. Teams were formed and were sent to the classroom. All the teams played games and had fun with the children for about 2-3 hours. Finally, the children were given gifts after which it was time to say goodbye. The planned activity was carried out well and finished on schedule. There weren't many obstacles as such in planning and carrying out this activity. The only part that was tough was to get the school children to mingle with the teams. Some of them were scared and some hesitated to talk and interact. But no sooner did the games start then all children were completely involved in the activity.

4. Obstacles faced and strategies adopted to overcome them

Managing a limited budget of INR 7500 was a challenge to provide food and spend money for distributing stationery items, refreshments for around 100 students at the school.

5. Feedback

The feedback from the Government school and the children was overwhelmingly positive. The school principal appreciated the efforts of the engineering students and said that the initiative helped to motivate and inspire the children. The children expressed their gratitude for the stationery items, refreshments and enjoyed spending time with the engineering students. They also found the activities to be fun and educational. Some of the children even said that they were inspired to become engineers themselves. The group also benefited from this experience by learning more about the community, developing their leadership skills, and gaining a sense of social responsibility.

6. Impact analysis.

While interacting with the kids it was made sure to detach them from the traditional classroom environment, to ensure that they had fun, giving them books, stationaries and refreshments may not have greatly altered their lives, but it certainly made them happy. The children's cheeks lit up with gorgeous smiles as a result of such modest acts of kindness.

The group interacted with students ranging from Grade one to Grade four. They were made to play games, sing songs, and dance. It was taken care to see that every student was involved in each of the activities. They were ecstatic and were requesting that we return every week. The team learned what beautiful and

innocent souls these kids are. The students of RUAS liked the social service activity and had a great time with the schoolchildren.

7. Learning outcomes

The main learning outcome of this community service was understanding the importance of giving back to the community and instilling a sense of civic responsibility. Community service programs require effective communication skills, such as the ability to listen, articulate ideas, and persuade others. Students learned how to communicate with children from diverse backgrounds and how to adapt their communication style to different situations.

8. Suggestions for improvements on repetition.

It is requested to increase the budget to plan more activities and in a better manner.

9. Remarks and recommendation.

Request to provide transportation facility for such visits in future.



Department of Computer Science and Engineering

Group Leaders: Mr. Deepak Varadam
Ms. Sahana.P.Shankar
Ms. Supriya M.S
Mr. Puneeth R A

Date: 07-02-2023

1. Context (Preamble)

A major problem in today's world is people disconnect from society at large, and studies have shown that engaging in community service can help individuals develop a greater understanding and appreciation for the struggles and challenges that others face, which can lead to a heightened sense of empathy and compassion. A day for service to the community was planned for 7th February 2023 at SBM High School, Peenya. The aim of this day was to unite the students with their community and provide them with an opportunity to participate in meaningful service activities. Throughout the day, a variety of events were planned for the students. These included donating stationery to students, connecting with them, and teaching them.

2. Objectives

The main objective of our community service was to encourage social and empathetic development in students and to give back to the less fortunate. Community service program was aimed to improve the physical learning environment in the school by providing resources such as notebooks, stationary sets, and geometry boxes apart from fun break for the school students.

3. Practice.

a. Planning

4 groups of about 40 students in each group headed by a teacher were first created. Each group consisted of a student representative who coordinated all information regarding the activity to the rest of their group. Each group planned what activities they would carry out and how they would entertain children at the school. The teachers had also arranged gifts for the kids. Each of them was gifted a stationery kit and a chocolate.

b. Resources required & procurement.

Stationary items for the school kids and refreshments for the students were purchased from a nearby local mart.

c. Implementation.

The teams reached the location by 9:00 AM. 6 groups were made, and each group was sent to the classroom, the groups played games and had fun with the children for about 2-3 hours. In the meantime, the children were given their gifts after which it was time for farewell. The planned activity was carried out well and finished in the scheduled time. There weren't many obstacles as such.

In planning and carrying out this activity the students and teachers did really make a good team. The only part that was hard was to get the school children to mingle. Some of them were scared and some hesitated

to talk and interact with us. But no sooner did the games start then all children were completely involved in the activity.

d. Obstacles faced and strategies adopted to overcome them.

Since every teacher had around 40 students under them, managing with a limited budget of INR 7500 was a challenge. The allocated money was used for purchasing study kits for around 220 students at the school.

e. Feedback

The feedback from the Government school and the children was overwhelmingly positive. The school principal appreciated the efforts of the engineering students and said that the initiative helped to motivate and inspire the children. The children expressed their gratitude for the stationary items and enjoyed spending time with the engineering students. They also found the activities to be fun and educational. Some of the children even said that they were inspired to become engineers themselves. The team members also benefited from experience by learning more about the community, developing their leadership skills, and gaining sense of social responsibility.

4. Impact analysis.

While interacting with the kids it was made sure to detach them from the traditional classroom environment, to ensure that they had fun, giving them books, stationaries, and chocolates may not have greatly altered their lives, but it certainly made them happy. The children's cheeks lit up with gorgeous smiles as a result of such modest acts of kindness.

The interaction with students ranged from kindergarten to grade four. They were made to play games, sing songs, and dance. They were ecstatic and were requesting that we return every week.

5. Learning outcomes

The main learning outcome of our community service was understanding the importance of giving back to the community and instilling a sense of civic responsibility. Community service programs require effective communication skills, such as the ability to listen, articulate ideas, and persuade others. Students learned how to communicate with children from diverse backgrounds and how to adapt their communication style to different situations.

6. Suggestions for improvements on repetition.

Request to increase the budget to accommodate many students of CSE department from ISE, AIML and MC students.

7. Remarks and recommendation.

Request to provide transportation facility for such visits in future.



Department of Computer Science and Engineering

Group Leader - Dr Nayana B R

1. Context (Preamble)

One Day Service to Society at NAMS Sneha Sadan, Vidyaranyapura. An old Age Home and kids' orphanage.

2. Objectives

1. To make the day memorable for the elderly and children
2. To make the day an experiential learning platform for the students of RUAS

3. Practice

a. Planning

The team met several times to decide the venue for service to society, the majority expressed interest in serving an orphanage. Accordingly, it was planned to visit NAMS Sneha Sadan on Feb 7th, 2023. The planning included coordinating with the organization and students and preparations for the activities.

b. Resources required & procurement.

1. Main resources identified were travelling, food, stationery items, fruits.
2. Travelling expenses were to be borne individually.
3. Food was organized by another donor for the same day.
4. Stationery items for kids and indoor play items like ludo, snakes and ladder etc were bought by RUAS students.
5. The elderly people expressed that they do get sufficient food and clothing as it was dependent on the contributions by donors. They wanted to have some fruit too on a regular basis. Hence, RUAS students decided to buy fruits.
6. The orphan kids said they were satisfied with the facilities being provided except that they do not have outdoor play kits. Accordingly, RUAS students gifted the students with volleyball, cricket kits etc for outdoor playing.

c. Implementation

1. The team assembled at the venue by 10 AM, interacted with the elderly people. They narrated their tragic life story and how their children abandoned them. Their experiences were heart wrenching. Students took an oath that they would not abandon their parents after they grow old.
2. Students engaged them with indoor games like ludo, snakes and ladder etc. and made them feel happy.
3. Post lunch, fruits were distributed, and games like musical chairs, pick a random task, Kannada riddles 'were held.

4. At 4 PM when the children returned to the orphanage from school, they exhibited their dancing talent and played cricket, and other games with RUAS students.

5. At 6.30 PM it was time to depart. Group photos were taken before bidding farewell.

d. Obstacles faced and strategies adopted to overcome them

1. Choosing a venue was the first hurdle, as most of the orphanages had 20-40 kids or old age people but RUAS students were more than 40. So, a place had to be found with more people. Even though one was available, permission was denied as the students' exams were approaching.
2. 2nd obstacle was fund handling, the strategy applied to bear the transportation by self and to spend only for stationery items was well thought out., Fortunately, lunch was taken care by another donor which was helpful.

e. Feedback

1. Could provide transport and lunch for the team.

4. Impact analysis.

- a. All the participants were happy.
- b. It was understood that elderly people need just ears to listen to their words.
- c. Kids need a stage to showcase their talent and somebody to praise them as they don't have a family.
- d. RUAS students realized their SWOT and compared with the people in orphanage.

5. Learning outcomes

Every person in the orphanage was a teacher, teaching lessons of life.

6. Suggestions for improvements on repetition.

To be conducted every year.

7. Remarks and recommendation

To include AICTE activity points as mandatory for students for service to society.





Department of Electrical and Electronics Engineering

Group Leader: Dr. Kiran Kumar B M

Place: Govt. Primary School D B Kallu, Rukmini Nagar, Bengaluru, Karnataka 560073

Date: 14/02/2023

1.Context (Preamble)

The staff and students of the team were involved in the social service programme with the intention of catering to society, services that were possible at the level which would promote the flourishing and the development of society.

2. Objectives

As the students selected a government primary school, our main objective was to teach kids about various aspects of life like discipline, art, craft etc.

3. Practice.

a. Planning

Students planned various activities which were executed at the chosen place.

1. Decided to donate a weighing scale as it is helpful to children to check their weights.
2. Planned to arrange games for children because they need both academic as well as extracurricular activities.
3. Planned to distribute books and stationery to students to encourage them to study more.
4. Planned for a craft session for students to encourage any hidden talent.

b. Resources required & procurement

1. Stationery
2. Weighing machine
3. Balloons and paper crafts
4. Medals
5. Chocolates
6. Chairs

c. Implementation

1. Books and stationery items distribution.
2. Donation of weighing machine.
3. Organized games such as balloon blast, bucket in the ball, frog race and paper craft.
4. Distributed medals to the winners of the games mentioned above.
5. Distributed chocolates to the students.
6. Donated chairs to the school.

d. Obstacles faced and strategies adopted to overcome them

Obstacles faced and strategies adopted to overcome

1. Approached many school principals who denied permission for various reasons.
2. Approached many ashrams but timing was not matching with the team's schedule
3. Travelled in bus and took an autorickshaw to reach school.

e. Feedback

It was really an exciting day. Everything went as planned. Even the Headmaster of the school was happy with the activities.

4. Impact analysis.

Children were happy and excited. They showed interest in crafts. They actively participated in all the sports we conducted.

5. Learning outcomes

Teamwork, management skills, coordination of students and interacting with physically challenged kids,

6. Suggestions for improvements on repetition.

As time was short, some activities which were planned could not be held. Hopefully, the next time a more detailed planning and implementation will be held.



Department of Automotive and Aeronautical Engineering

Group Leaders: Dr. Jayahar Sivasubraman & Mr. Subbaramu S

Date: 10/02/2023

VENUE: KENDRIYA VIDYALAYA NO.1 JALAHALLI (WEST)

As part of MSRUAS SOCIAL SERVICE PROGRAMME KENDRIYA VIDYALAYA NO.1 JALAHALLI (WEST)' was chosen as the venue.

. The aim of this visit to this place was to motivate high school students for their bright academic and professional career in Aerospace and Automotive Engineering.

A team of around 30 students from MSRUAS, actively took part in all the events that were arranged for the KV1 students. There was a workshop for the students, which included a demo session of automotive and aerospace application models. Multiple models were put on display, including an electric generator, dynamo, electric motor, turbofan engine, aircraft model etc. Saplings were planted to raise awareness about afforestation. A lot of fun activities for the students were held in order to give them a fun-filled

interaction session.

The day began with introductions. A brief talk about the automotive and aerospace engineering branches and what these engineering disciplines are all about was delivered through a set of presentations.

TEAM ASTHRA from the SAE INDIA RUAS club gave a short presentation on the history of the SUPRA event. The students spoke to them about designing and building a vehicle from scratch which needless to say got all the kids very excited.

As these events were going on in the classrooms, some students planted saplings to bring awareness about climate change and the importance of afforestation.

After all the presentations, it was time to have some fun. It started with a Quiz competition based on current affairs and science.

Next on our agenda was Pictionary which the kids seemed to enjoy a lot and participated actively.

The final classroom activity was a DEBATE which was conducted by splitting the class into two groups. They chose to debate on topics like 'Gaming: good or bad' and 'AI: boon or bane.' The kids were active participants in this as well.

As the classroom events came to an end, the students made their way to the demo room where a lot of demo models were displayed. There was a drone demo where they could look at all the components and also a few lab equipment which included the electric generator, dynamo, electric motor, turbofan engine and also a miniature car skeleton. We also had the model of an aircraft where our students explained about the control surfaces and their importance. The kids were extremely intrigued by all the models on display and asked a lot of questions.

The day ended on a high note as all the kids were very ecstatic and inspired to take up AEROSPACE AND



Department of Mechanical and Manufacturing Engineering

11/02/2023

Group Leader

- Dr. M C Murugesh
- Mr. Shivaramu L
- Mr. Arun R
- Mr. Pavan Kumar Reddy

Place of activity: Government school, Mallasandra

1. Preamble:

This activity was planned in order to create awareness among the young students about various subjects such as health and hygiene, waste segregation and general environmental issues. They were also taught the basics of rainwater harvesting and planning their future through a career guidance session. They were later engaged in several games and entertained by songs sung by one of the faculty. As pre-teen children are at the age where they apply their own thinking and take up responsibilities, the above subjects were chosen to cater to their budding minds. The games and quizzes were structured to build teamwork and quick-thinking skills, through a path much different from their usual learning routine. This imparted the idea of including fun and enjoyment while they learn. At the end of the activity, the students left for their homes with new vigor and smiles on their faces.

2. Objectives:

- a.** To spread awareness about various pressing issues such as waste disposal, conservation of water and menstrual health.
- b.** To present to them possibilities of education after their 10th boards and the path they must take to attain their future goals.
- c.** To instill in them values such as teamwork.
- d.** To engage them in various fun activities that were a break away from their usual routine.

3. Planning:

Service to a local government school was selected as the activity. Dr. M C Murugesh contacted the school and planned for the activity. The students of RUAS planned the various activities within a short period of time, dividing the workload among themselves and taking up different activities as their responsibility.

4. Resources required and procurement:

The responsibility of procuring the required materials was taken up by a select few students due to limitation of time. The gifts included stationery (a book, a pencil, an eraser, a sharpener), biscuits. They were also given a sports kit including bats, a football, cricket balls and badminton rackets, a box of shuttlecocks, and various board games. The school was presented with a painting of Lord Ganesha as a token of appreciation.

5. Implementation:

The students and the faculty assembled at the location at 8.45 AM, donning Ramaiah T-shirts. They were divided into 2 groups that were supposed to take charge of two different classes – the Kannada medium class and the English medium class. The activities in both classes were as follows:

- a.** Awareness of rainwater harvesting

- b.** A talk about health and hygiene
- c.** A talk about the cleanliness drive and the correct method of segregating waste.
- d.** A talk about career growth (what next after 10th?)
- e.** Quizzes (general knowledge and simple mathematical questions)

The young students responded in a very positive and exciting manner to all the activities that were being conducted. The Ramaiah students poured their heart and soul into these activities and became 12-year-olds once again, prompting the young children to open up their hearts to them.

First up was the talk about rainwater harvesting, taken up by Mayur P (Robotics) in the English medium class and Alti Yashmith (Mechanical) in the Kannada medium class.

They spoke about how it can be implemented in their homes and the advantages that come with it.

Next up, was the talk about health and hygiene, headed by Adithi (Robotics) in the English medium class and Shreya (Mechanical) in the Kannada medium class. They were informed about the various environmental issues that were rampant in our age and time. One of the subjects that was touched was waste segregation. The

Ramaiah students explained the importance of waste segregation and was also shown a demonstration of how it was done using a dustbin that had separate sections for wet and dry wastes.

Next up was the talk about career growth headed by Nivedha (Mechanical) and Siddharth (Mechanical) in the English medium class and Vijay (Mechanical) and Abhijeet (Robotics) in the Kannada medium class. They were informed about the various careers and the paths that they must take in order to pursue their passion, starting from what they can do after 10th. Several quizzes were held in between the information sessions in order to keep the students occupied. All the above-mentioned activities were headed by Abdul Khader Samwan in the English medium class and Samarth B C in the Kannada medium class. Both the mechanical students ensured the smooth flow of all activities and made sure the young students were kept occupied until the end.

The first session of activities thus ended with breakfast provided by the school. The second session of activities began after 11.00 AM.

For the second session, the girls and the boys were seated in different classes. The female students of RUAS educated the girls about menstrual hygiene and health. The highlight of the session was the talk about menstrual health which is not addressed often. Each of the female student in charge of this session skilfully took on the role of an elder sister and explained to them various sensitive topics and concluded the session smoothly.

The students later were made to play several games such as musical chair and lemon-on-the-spoon race.

The rest of the students played their parts as spectators and cheered for their friends. One of the faculty accompanying, Mr. Arun R, sang a song leading to the entire lot of students joining him and making the atmosphere lively and full of joy.

The activity came to an end with the distribution of prizes for the winning students. Plants of different kinds were gifted to the school. Sports kits for the students were also presented to the school.

By the end of the activity, Ramaiah students had found themselves friends in those 12-year-olds. Although both groups parted with heavy heart and smiles, they knew that they would meet each other again someday.

The activity concluded with Dr. M C Murugesha addressing the students and conveying his heart-felt gratitude to the school for letting the team experience something this beautiful.

The highlights of the day were captured by Sandeep A T, a mechanical student, through the lens of his DSLR.

6. Obstacles and how it was overcome:

Lack of time was the main villain we faced while planning the activity. Although time seemed to slip through our hands, the activity was organized and conducted in an orderly fashion. The students of the MME department proved to be extremely efficient as they arranged the gifts and purchases within a short amount of time. The plan of action for the day was formulated and discussed with every student, whose kind cooperation and effort played the protagonist that saved the day. The faculty members involved with the students stood prepared for any help that the students asked for and provided them at the nick of time as well. In short, the students and faculty showed off their ability to manage things on time and their efficiency under pressure.

7. Feedback:

The fact that the young students were reluctant to bid their goodbyes to the RUAS students was proof enough that they had a place in the young hearts. The students cheered and whooped while they answered the question, '*did you have fun today?*'. They took home with them, a mind full of vital information and a heart full of joy.

8. Impact Analysis:

The day surely left a mark on both the group of students – the MME students as well as the 7th grade students. The activity encouraged the young students to pick up on a lot of skills and absorb information vital to their lives. The impact left on the RUAS students was a little different. They went back to being 12-year-olds as they interacted with the students, making friends with them and educating them at the same time. They went back home with contentedness and a pinch of bitterness at having to part with their new friends.



Faculty of Art and Design

Group Leaders: Mr. Goutham N & Mr. C Dileepa

VISIT TO VASAVI EDUCATIONAL TRUST, MAGADI FOR WALL PAINTING

1. **Context**

As part of the Service to Society initiative of Ramaiah University of Applied Sciences, B. Des PD and FD (2nd Year) and M. Des PD (1st Year) students of the Faculty of Art and Design (FAD) undertook a service to society task in Magadi to paint the park and playground walls of the Vasavi Educational Trust. This activity was organized with the intent of letting students learn about giving back to society and using their talents to help in small ways whenever and wherever possible.

2. **Objectives**

The main objective of the activity was to let students have a hands-on experience in social work. Wall painting was chosen as it is a fun activity where students can use their creative skills to help others. The other objectives included learning time and resource management as the task had a time limit and improving team dynamics and interaction skills.

3. **Practice**

a. **Planning**

After faculty in charges interaction with CRs of the classes, the activity was selected, and the place and date were fixed. Discussions regarding the choice of wall murals were held, as the art had to be both educational as well as fun for the children. In the end, the murals painted showed cartoon characters, colourful art, sports, and animals.

b. **Resources Required and Procurement**

A budget of Rs 7500 for two team each was set aside by the University and it was used to arrange travel and meals for the students, as well as some additional materials. The paints used were provided by the school. The main resources required were paint, pigments, containers for the paint, brushes, paint rollers, waste cloth for cleaning, chalk for marking outlines and a spray paint machine.

c. **Implementation**

The activity was organized on 14th February 2023. 42 students and 5 staff members left the college at 7:45 am and reached the school around 9:00. Breakfast was provided at the school. The students were divided into 8 teams, 3 teams were assigned to the park wall and the remaining

teams worked on the playground wall. Chalk was used to create outlines of the art, and then paint was mixed and poured into containers. Lunch was provided around 2:30 and the students finally finished painting the walls at 6pm. Faculty members assisted with spray painting of the walls so that a larger area could be covered in a shorter span of time. After successful completion of the work, the students returned to college at 8:30 pm.

d. Obstacles Faced and Strategies Adopted

One of the main obstacles faced was the shortage of containers. The teams had to coordinate with each other to ensure that all of them could finish the work on time. Another obstacle was that the park wall was made up of cement blocks and not covered with plaster and therefore had numerous pores. It took extra time and effort to paint the surface evenly because of this. The hot weather also made it difficult to work in, however the students managed to face the challenges head-on and complete the job efficiently.

Feedback

All the students agreed that the experience was enjoyable. The school was extremely hospitable and offered refreshments while the work was being executed which was unexpected, but also made us grateful. It was a bonding experience and a memory that we will cherish. The best part was interacting with the school children and getting their opinion on our work. Their smiling faces of approval made our day.

4. Impact Analysis

The activity positively impacted the school's environment and gave the children a chance to watch the students at work. The artwork was chosen with the children in mind, to ensure that they would have fun and relax in their play areas. The students gained valuable experience in interaction and project undertaking.

5. Learning Outcomes

The students learned a lot about

- Resource Management
- Teambuilding and participation
- Time management
- Aesthetic sensibility and design choices

6. Suggestions for Improvement on Repetition

It would be better if all students were encouraged to participate in such activities, as they go beyond academic purposes. Better analysis must be done to ensure that the students have adequate resources to complete the project. All faculty participation in the department would

also be valued. The students would appreciate such activities being conducted more often for betterment of values and morale in general.

7. Remarks and Recommendations

All in all, it was a most enjoyable day for the students, as they got to interact with other members of their department and came together successfully achieve the expected outcome through teamwork.





Faculty of Mathematical & Physical Sciences Team 1

Group Leader: Dr. P N Anantharamaiah

Dr. P. N. Anantharamaiah and M.Sc. students from department of chemistry visited Vidya Sanskaar Institute of Science, Commerce and Management, Machohalli Gate, Magadi Main Road, Bengaluru-91, on 10 February 2023.

The main objective of this programme was to create an awareness about the importance of planting and nourishing trees for the sustainable future generation and also to share the carrier opportunities with the undergraduate students.

The main outcomes of the programme are given below.

Seminar on a topic “Opportunities after B. Sc.” Delivered by Dr. P. N. Anantharamaiah, Asst. Professor, Dept. of Chemistry, RUAS.

Discussion on “Importance of Higher Education” was held between RUAS students and the M. B. Satish, Principal and CEO of Vidya Sanskaar Institute of Science, Commerce and Management.

Planted more than 10 plants across the Vidya Sanskaar Institute of Science, Commerce and Management, campus.

The Photos are attached below.



Faculty of Mathematical & Physical Sciences Team 2

Team Leader: Dr. Shivanand Madolappa

Service to society was carried out at BBMP High school Mathikere, Bengaluru with the following objectives.

1. Donation of notebooks and stationery items for the 8th standard students.
2. Lecture given on the importance and opportunity of basic science.
3. Lecture on women empowerment

Students of the physics department and Dr. Shivanand Madolappa, Assistant professor visited BBPM high school for service to society event as a part of MSRUAS service to society program. The aim of this event is to donate notebooks for deprived students and give the lecture on importance and opportunity of basic science and women empowerment.

Sincere thanks to Headmaster and teaching faculty of BBMP High school Mathikere, for giving opportunity to organize event. Thanks to students for participating in the events and attending the lectures given by faculty members and our students.

The team had 14 members from the department of physics, FMPS, participating in the events. For this event Headmaster gave welcome speech and introduced the team to his students. The event began with donating notebooks and stationery items such as pens, pencils, scales etc.

Dr. Shivanand Madolappa delivered a lecture on the importance and opportunity of basic science. He interacted with the students and explained the scientific contribution to society by popular scientist Albert Einstein, Thomas Edison. Mr. Viswanath, a student, explained opportunities and the importance of basic sciences. Miss Harshini, explained about women empowerment and women equality and she encouraged the girls to study higher education. At the end of the event the headmaster expressed her gratitude to team members and M. S. Ramaiah University for the event and donation of notebooks and stationery items for the deprived students. One of the school faculty members expressed the vote of thanks.





Faculty of Dental Sciences

Group Leader: Dr Ashmitha K Shetty

Date:11-02-2023

Ashwini Angadi Trust- Belaku Academy, Bangalore

Location: 03, 1st Cross, Srinidhi Layout, Opposite Water Tank, 2nd Phase, Near Janapriya Township, Kadabagere Post, Magadi Road, Bengaluru, Karnataka 562130

1. Introduction:

Oral health has a great impact on the overall health and well-being of an individual. There is a need to ensure removal of all the barriers to dental care for underprivileged group of individuals and provide equal access for all. Hence, the service aimed to create awareness on the importance of oral health care needs among underprivileged and visually impaired children.

Ashwini Angadi Trust to empower the disabled, runs Belaku Academy. This Academy provides free education to the disabled and underprivileged. The residential school teaches science, computer and sports to children with special needs. They also teach practical life skills such as making their beds and toilet training.

The team visited Ashwini Angadi Trust, Belaku Academy, Bangalore on 11th February, 2023 to gather information on oral hygiene status of children associated with the academy.

2. Objectives (in points)

- a. To assess the oral health of children enrolled in the residential school (Belaku Academy)
- b. To assess the knowledge, attitude, and awareness concerning oral health among children in the residential school (Belaku Academy)

3. Process:

A total of 22 children were screened, out of which 5 children were visually impaired belonging to the age group of 3 to 14 years. By using questionnaires, the undergraduate students interviewed the children. Postgraduate students gathered oral health data by examining the children's oral cavity. The participants were notified of the method and aim of the study and voluntarily participated. The questionnaire was read to participants, and participants' responses were recorded by the interviewer. The team provided a dental kit to these children and educated and motivated them to maintain good oral hygiene.

4. Learning outcomes:

A misconception among participants regarding the cause of dental caries signified a lack of knowledge about oral cavity and proper oral health. Thus, reinforcing proper oral hygiene method is required for these underprivileged and visually impaired children.

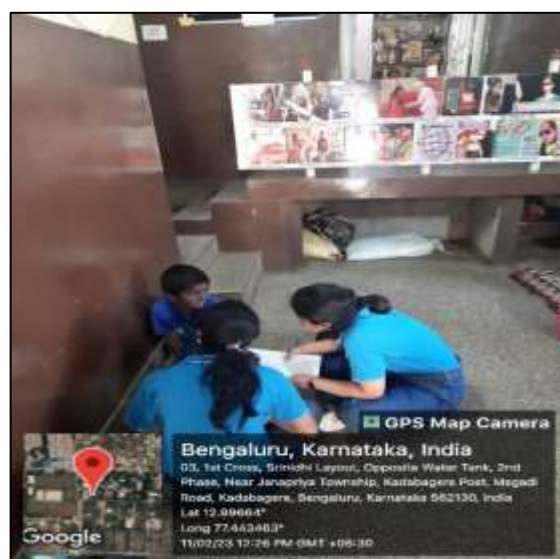
5. Obstacles faced and strategies adopted to overcome them:

Communicating with the local language was difficult, as some of the undergraduate students were not able to translate the questionnaire. To overcome the language barrier, a team of two with one student well versed in the local language was suggested.

6. Suggestions for improvements:

7. Various modalities can be used to educate visually impaired individuals about oral hygiene and oral health. For instance, the audio method can be used to give education on oral health.

8. The other way can be providing knowledge of dental health with the Braille method.



Team I

Group Leader: Dr. Lavanya R & Mr. Gopalakrishna

Dr. Ramana Rao's Sunday Clinic –T.Begur

On 12th February 2020, Faculty of Dental Sciences, Ramaiah University of Applied Sciences, Bengaluru, organized “Service to Society”. The II-year BDS students and I year MDS students were chosen for this activity. The students were divided into 3 groups, our team comprised of 21 II BDS students and 11 MDS students each along with Dr. Lavanya and Mr. Gopalakrishna. All the students were excited when they learnt that they are visiting Dr. Ramana Rao's Sunday Clinic.

Dr. Ramana Rao is a famous and renowned cardiologist. He has been awarded the Padmashri award for his service in the field of healthcare for the poor and needy. Dr. Ramana Rao has converted his farmhouse into a Sunday clinic where he screens approximately 600-700 patients free of cost. He also provides free ECG, Echo, cataract operations, free medicines including free intramuscular and intravenous injections for a wide range of diseases. He has a well-trained team who support him in his endeavors. The clinic begins at 10 AM and ends by 3 PM. Other specialist doctors are also available. There is a dental wing and about 5-6 dental chairs were present in the setup. The team reached the clinic by 10:30 in the morning and were received by Dr. Ramana Rao's team and were introduced to him. He addressed and spoke about the importance of serving society in our own capacities, especially for the poor and needy. Free food was served to all the patients who visited the Sunday Clinic. Approximately 600-700 patients visit every Sunday to get themselves checked from the surrounding villages of Nelamangala, T. Begur, Tumkur, Kunegal, Doddaballapur, Chikkaballapur etc. This clinic also has tie-ups with hospitals to get better treatment like cataract operations, angiograms, angioplasty, or bypass surgeries at lowered prices to the needy patients.

1. OBJECTIVES

- To help create awareness about oral health in the rural population.
- To contribute our services to the existing health service system so that they can continue and enhance the service they provide.

2. RESOURCES

- a. Sterilized Instruments
- b. Mouth Mirrors
- c. Gloves
- d. Mouth Masks
- e. Kidney Trays
- f. Surgical Spirit
- g. Sterilium
- h. Chemical Disinfectant
- i. Cotton Rolls
- j. Disposable Glasses
- k. Hand Wash

3. IMPLEMENTATION

The team was guided by the assistants to the dental wing in the Sunday Clinic where we organized our instruments following chemical disinfection of the dental chairs. Students were grouped into six groups with a combination of one postgraduate and two undergraduate students who screened the patients and advised treatment, medication, and referral to our hospital.

Approximately 200 patients were screened, and it was observed that most of the patients suffered from dental caries, gum diseases, early loss of teeth which required oral rehabilitation. There was also a chance to observe a special child with lot of dental caries in her oral cavity and another female child who did not have her permanent teeth even though she was 13 years old. Both were referred to our dental hospital. Distribution of toothpaste and mouthwashes to the patients was done. Awareness about their oral health, to quit smoking and smokeless forms of tobacco was raised. They were told to brush twice daily and to maintain good oral hygiene.

4. IMPACT ANALYSIS AND LEARNING OUTCOMES

As dental students, they understood that oral health is not well maintained amongst the rural population due to the lack of awareness, inadequate dental facilities, and lower socioeconomic status. The most common oral diseases that the students encountered were dental caries and gum diseases leading to early loss of teeth.

They also understood that the rural population requires an improved health care system in Primary health care system which should also include a dental setup to address the oral health issues.

Team 2

Group Leader: DR Sejal Kumarpal Munoyath

1. CONTEXT

Health camps form a very important aspect of health care training for students. It helps all student pursuing life sciences understand the importance and need for reaching out to the society, especially to those who cannot reach out to the health care system. Various camps were organised, of which two were directed to villages around Bangalore and another camp was organised in a blind school in Bangalore.

The camp consisted of visiting the village of Sughatta, near the outskirts of Bangalore, screening the students and the staff of Sughatta primary school for dental diseases and sensitising the people of this village regarding the importance of oral hygiene.

2. OBJECTIVES

To screen the children, present in the primary school for various dental diseases and to assess the oral health of the children.

To educate the children regarding oral hygiene and teach them tooth brushing technique.

To screen the staff of the primary school and parents and assess the knowledge attitude and practice about dental health in them.

To educate the parents regarding the importance of oral hygiene

To educate and spread awareness about oral hygiene amongst the people of Sughatta by making house visit.

3. PLANNING

Resources required and procurement

The selected village was Sughatta and the camp was to be carried out in the primary school of Sughatta village where about 40 children studied

The age of the students studying in this school ranged between 4-10 years

To implement a successful oral screening and oral health education camp various items were required viz:

Personal protective equipment: Gloves, masks

Screening materials: Sterilized Ice cream sticks, sterilized mouth mirrors and probes

Oral health education material: Such as placards and pamphlets

4. Implementation

All the students present in the school were screened by dividing them into groups.

Each group was checked by a postgraduate student along with the assistance of some undergraduate students.

The children were handed over slips with their demographic details and their oral hygiene status.

The children and their parents were counselled to visit a dentist/ dental hospital for further management.

Children were taught tooth brushing techniques using models and placards.

Parents were counselled regarding the importance of their oral health and their child's oral health and its effect on the overall health.

5. Obstacles faced and strategies adopted to overcome them

Reaching out to the parents of all students and counsel them about their child's oral health and its significance

If the parents of a child were not present, then the school class teacher was informed and counselled for the same

IMPACT ANALYSIS

To conduct more dental camps at the school at regular intervals.

To provide treatment to the children at the dental college

To stress on preventive dental care for children

To educate the schoolteachers and anganwadi workers about the importance of oral health and its implication on general health

To provide tooth brushes and pastes regularly to the children.

LEARNING OUTCOMES

The need to contribute to society in whichever way possible.

The requirements to carry out a dental camp and screening session.

Communication skills and soft skills to educate the public about complex oral health issues in simplified ways.

Develop empathy towards every patient irrespective of their background, color, creed.

Quickly assess the major oral health issues along with any major obvious systemic health issues and sensitize the patients.





Faculty of Management and Commerce

Group Leader – Dr. Chandra Sen Mazumdar

Date: 11th February 2023

Group Leader: Ms. Reshma K J and Mr. Mohan Rao

Place of Work: Janadwani Seva Trust, Bangalore

1. Context (Preamble)

Service to Society is an annual activity undertaken by the staff and students of the Ramaiah University of Applied Sciences (RUAS). As the name suggests, on this day the staff and students do some form of social work that builds in them the sense of empathy for those who are less privileged than them. RUAS intends to participate actively in the upliftment and development of the society that we live in and this is just one of the many activities that the University staff and students undertake in that direction. As part of the Service to Society activity, this group under the guidance of Dr. Chandra Sen Mazumdar and Ms Reshma K J and with the able support of Mr. Mohan Rao visited an old age home called the Janadwani Seva Trust.

2. Objectives

The main objective of this programme was to spend some time with the residents of Janadwani Seva Trust and bring happiness to them. It also made the students appreciate the privileges that they are used to and build empathy towards the underprivileged.

3. Practice.

a. Planning

The faculty contacted the proprietor of the Janadwani Seva Trust, Mr. Mahesh, and decided on the date of our visit. Information about the number of residents and their physical status was also ascertained.

On the basis of the above information, the students discussed and decided on the games that can be played with the residents and also planned for some activities like group dance, song, and poetry reading.

Mr. Mahesh was also informed that the group from RUAS would like to arrange snacks and lunch for the residents on that day. For the same, cash was transferred to Mr. Mahesh so that he could make the required arrangements.

b. Resources required & procurement

The students planned the games and bought gifts for the winners of the game. They also gave the residents Ramaiah University coffee mugs.

c. Implementation

On the decided date, students and faculty reached the venue by 10 a.m. The following events were planned:

1. Poetry reading by Ms Ritu Purvey
2. Solo song by Ms. Saheli Maity
3. Group dance by Saheli, Lavanya, Mahak, Girish, Vivek
4. Games – passing the parcel, lemon, and spoon race, putting bindi on lady with blindfold by all the volunteering students.

d. Obstacles faced and strategies adopted to overcome them – Since we did not have enough resources to hire a bus, we had to ask the students to arrange their own modes of transport to the location. Since the location was a little interior, it was a little challenging.

e. Feedback - The students enjoyed themselves, interacted with the residents and were very satisfied with how the day went.

4. Learning outcomes –The value of our circumstances and not to take anything for granted. It ensured that we feel empathetic towards those that are less fortunate than us.

5. Suggestions for improvements on repetition – None

6. Remarks and recommendation – Enough resources should be provided for smooth transportation and other arrangements.



Group Leaders : Renee Namratha & Rashmi R

1.Context

The growing need for environmental conservation has grabbed a lot of attention in the past few years. Tree plantation means planting trees and plants sapling. The purpose of planting a sapling is to save the endangered environment and to beautify our life. Trees are valuable gifts of nature. They are known as the bestfriends of human beings. They benefit us in various ways. As we know, trees are the foremost source for producing oxygen in the environment, they help to reduce the level of CO₂. As the whole world is facing the problem of global warming and another environmental-related issue, so as to recover from such a problem planting the trees is become inevitable one of the most important aspects today. The idea behind the tree plantation activity was to propagate the message that planting trees helps to maintain clear eco-friendly environment reduces pollution and improves the green ambience.

It is the imperative duty of human society to nurture the plants and trees which are the foundation

of natural human life. In today's modern world, not only natural awareness, but also activities toward tree plantation and maintenance are essential.

Why plantation is essential:

Environment:

Trees and plants help to combat global warming by absorbing CO₂, removing, and storing carbon while releasing oxygen back into the air.

(a) also reduce wind speeds and cool the air as they lose moisture and reflect heat upwards from their leaves.

(b) Other environmental benefits include the fact they help to prevent flooding and soil erosion, by absorbing thousands of liters of storm water.

Human:

Trees help to improve air quality by cleaning dust and other pollutants from the air. The shade of trees also provides a useful barrier to harmful ultra-violet radiation from the sun.

so, as we can read, all life (humans, animals) and the environment depend mainly on trees for survival. Planting more trees contributes to global reforestation efforts, restoring lost forests, repairing damaged ecosystems and mitigating climate changes, which are basically very essential for human survival.

2. Objective

The main objective of this program is to upgrade and promote, protection, preservation, and monitoring of environment in the university campus by following activities are as follows.

1. The target number of saplings to be planted in the programmed was 50 around the lake.
2. The purpose of plantations is to save the environment which is endangered and to keep alive the beauty of our life.
3. Trees are God's gift to nature. They are also known as the best buddies of humans.
4. As the world is facing the issue of global warming and other environmental-related problems, to recover from such issues planting trees became one of the most important aspects of life today.
5. It helps to maintain an eco-friendly environment around the whole world and reduces air pollution and improves greenery.

6. To maintain a conduit atmosphere in the surroundings.

3. Practice.

a. Planning

The Horamavu area (BBMP Ward 25) in the northeastern part of Bangalore is dotted with several lakes. As is the case with most of Bangalore's lakes, they are subjected to dumping of debris and garbage, sewage, and encroachment.

Saddened by the plight of these lakes, some residents of the area have taken it on themselves to try to save them. They got together a few days ago, evaluated the state of the lakes and decided to focus on the two larger lakes for now – Horamavu Agara Lake and Jayanthinagar (Horamavu) Lake. To spread awareness about the status of the lakes, they have created a Save Horamavu Lakes

Horamavu-Agara Lake is said to be about 51 acres, but presently there is not much water in it. The lake has been fenced but the fencing has been breached in places and people have started using the lake as a dumping yard.

b. Resources required & procurement

Bangalore, one of the most popular and burgeoning localities, Horamavu Agara is located in the north-east part of Bangalore. This location has embarked on an inclining realty growth path, due to its fabulous connectivity to Manyata Tech Park and IT giants like HCL, IBM, Deloitte, etc. World-class residential projects including Kolte Patil Mirabilis, DS Max Scarlet and Prestige Gulmohar in this area have attracted many investors and home seekers from across the city.

Proximity to IT hubs has been a major contributor to real estate and infrastructural growth in Horamavu Agara's. For example, Embassy Manyata Business Park is 10 km via Hennur-Bagalur Road, International Tech Park is 13.8 km through Whitefield Main Road, KIADB Industrial Area is 18.2 km via Bellary Road, Whitefield is 17.2 km through Whitefield Main Road, and Wipro Corporate Office is 14.6 km via Queens Road.

c. Implementation

d. Horamavu Agara Main Road, Kalkere Main Road, and Jayanti Nagar Main Road are the vital roads, which further link to NH 75 via Horamavu Main Road. Krishnarajapuram Railway Station is 3 km away and is well-connected to Kempegowda International Airport (34.7 km) via NH 44. Around 5 km from here, Baiyappanahalli Metro Station is available while Bangalore East and Bangalore Cantonment (6 km to 8.6 km respectively) are the railway stations to Horamavu through Dodda Banaswadi Road. Furthermore, it is well connected to the rest of the ORR and MG Road. Phase-3 alignment of Namma Metro (Green Line) with one of its

routes Silkboard - KR Puram-Hebbal -29km), is an upcoming project.

e. Feedback

The lake is well-maintained and clean, with clear water and no signs of pollution. The surrounding area is also well-kept, with paved walkways and benches for visitors to enjoy. Overall, I would highly recommend Horamavu Agara Lake to anyone looking for a peaceful and relaxing outdoor experience. The scenery is beautiful, the atmosphere is serene, and there are plenty of activities to enjoy. Whether you're looking to go for a walk, have a picnic, or simply enjoy the beauty of nature, Horamavu Agara Lake is a great choice.

4. Impact analysis.

- a. To exercise regulatory control over all the lakes within its jurisdiction including prevention and removal of encroachment of lake.
- b. To protect, conserve, reclaim, regenerate and restore lakes to facilitate recharge of depleting ground water by promoting integrated approach with the assistance of concerned Government departments, local and other authorities.
- c. To take up environmental impact assessment studies for any or all lakes.
- d. To take up environmental planning and mapping of lakes and their surrounding areas with the help of geographical information system and prepare database and atlas of lakes and their catchments.
- e. To prepare a plan for integrated development of lakes.
- f. To improve and also create habitat (wetlands) for aquatic biodiversity, water birds and aquatic plants for reducing sullage water and non-point sewage impacts.
- g. To facilitate impounding storm water drainage system, reduce or remove siltation of lakes by taking up appropriate soil and water conservation measures including afforestation and to augment recharge of ground water aquifers and revive bore-wells.
- h. To improve and monitor water quality, conserve lake ecology on a need basis and to protect them against domestic and industrial pollution.
- i. To utilize or allow to utilize the lakes for the purpose of drinking water, fishing, irrigation, education or tourism or any other purpose as the Authority may determine.
- j. To encourage participation of communities and voluntary agencies to launch public awareness programs for lake conservation, preservation and protection of lakes.
- k. To advise on any matter that may be referred to by the Government or any institution.
- l. To promote integrated and coordinated applied research on all the relevant issues pertaining to lakes.

3. Suggestions for improvements on repetition

Originally adorned by beautiful farmland, orchards, and mangroves and well-known for its diverse and rich ecosystem comprising plenty of birds and plants, Horamavu is a pleasant locality in Bangalore. Agara Lake and Horamavu Lake add charm to their natural settings. Today, this suburb is experiencing rapid growth in residential projects and schools. It's just three kilometers away from Krishnarajapuram railway station and about 35 kilometers from prominent Kempegowda airport in the city. Manyata Tech Park is located about 7.4 kilometers from Horamavu. You can find several schools, such as St. Vincent Pallotti School, Narayana Techno, Vibgyor, Dewamatha High School, etc. in this suburb in Bangalore. Horamavu also houses several fascinating restaurants and eatery joints, such as Udupi Sagar, Adyar Ananda Bhavan, etc. In recent times, many residential real estate projects are on the rise in this locality. Of late, a new underpass has been opened to ease the traffic on the main road of Horamavu. The tranquil and natural settings of this locality are home to numerous geriatric people. While these aged individuals love to relax and enjoy their old age in the pleasant and peaceful environment of Horamavu, keeping their health in check tops their list of priorities. And, they find at-home healthcare services, such as physiotherapy at home, highly rewarding as it saves their energy, time, and money.

Whether you are suffering due to an injury due to a fall or having impaired mobility due to any serious ailment like paralysis, physiotherapy treatment can help improve your quality of life. Efficient physiotherapists in Horamavu attend you at your home and offer you personalized physiotherapy in Horamavu, Bangalore comprising appropriate physio exercises to mitigate your pain and improve your flexibility, mobility, and overall well-being. Therapists use the latest techniques and equipment to treat you and monitor your improvement. Geriatric residents can regain their independence in performing routine activities with outstanding physiotherapy benefits without leaving their home. Keep reading to learn all about it.

4. Remarks and recommendation.

Residents of Horamavu, particularly aged individuals, may suffer from pain and stiffness due to the frozen shoulder which occurs due to age-related degeneration. It restricts their shoulder movements, increases their discomfort, and deteriorates their quality of life. However, seeking the best physiotherapy in Horamavu, Bangalore can help reduce stiffness and pain, improve the range of motion, and restore smooth shoulder movements comfortably at your place. Trained physiotherapists in Horamavu visit geriatric patients in Bangalore at their place and train them to perform various shoulder exercises and other necessary physio exercises safely and conveniently at home. Restore functionality of your shoulder with physiotherapy at home.

People residing in Horamavu, particularly senior citizens, may suffer from fibromyalgia. Chronic muscle pain, muscle stiffness, increased sensitivity to pain, sleep issues, fatigue are some of the common symptoms of this condition. And it may hamper the routine of the affected individuals. However, opting for customized physiotherapy in Horamavu, Bangalore can help you regulate fibromyalgia and prevent further complications. Expert physiotherapists in Horamavu attend affected aged individuals at their home and train them to perform appropriate physio exercises, such as range-of-motion exercises, to help improve their flexibility, alleviate their pain, and improve their quality of life.

- To do such other acts as the Authority may consider necessary, conducive or incidental, directly or indirectly, to achieve the object of this Act.

5. Learning outcomes

Trees create jobs, provide flowers, fruit, fodder and fuel to communities and living creatures, offer shade to nomads and their livestock, give shelter to birds and animals, prevent soil erosion and flooding, improve water catchment, generate oxygen, reduce pollution and benefit posterity while *decarbonising* the atmosphere.

- a. Students will understand how the environment influences plant growth and crop yields, and ways to modify the environment to improve plant growth and yields.
- b. Students will understand the factors affecting the need to find sustainable practices for production of food, feed and fiber crops and how to implement and evaluate them.
- c. Students will be able to identify many of the commonly used herbaceous and woody ornamental plants and how to propagate, establish and care for them.
- d. Students will have supervised, hands-on work experience in an area of planting.
- e. Students will be able to apply knowledge to solve problems related to crop production and plant growth.
- f. Students will understand the basic concepts, compounds and reactions occurring in organic and biochemical systems, particularly as related to the environment, plants and food crops.
- g. Students will understand how to propagate, plant, sustainably grow, manage and harvest a variety of plants in a diverse set of environmental, marketing, and financial conditions.



Team 1

Group Leader: Mr. Punith D B

Date-11-02-2023

Nemmadi Mane Foundation Orphanage, Rajajinagar Bengaluru.

Conducted service to society camp in which 41 students took part from Department [BSc. Hons DTT, OPT and MPH]

It was planned to provide personal health hygiene kits which include items like sanitary napkin, antiseptic liquid, toothbrush, toothpaste, nail cutter, comb, soap, hand kerchief, stationary. Posters were prepared to create awareness among them.

The camp began at 2 pm. The orphanage had 25 girls.

The MPH students explained the importance of personal health and hygiene such as how to use sanitary napkins and steps involved in the handwash.

The DTT students explained about basic nutrients required to maintain good health by using posters. They explained about vitamins and their related deficiencies. Also mainly talked about iron and its deficiency as most of the adolescent girls suffer from anemia.

Optometry students did the vision screening by using instruments and also talked about eyecare like-avoiding the rubbing of eyes, reducing the screentime of television and maintaining good eye health by using posters.

After the screening was done, refreshments were provided to all the girls and games were played with them.

The camp ended by 4:30pm.

The obstacles faced during this camp were –

Shortage of funds and resources for travelling.

The strategies adopted to overcome the obstacles were-

Travelling expenses were borne by individuals and extra money was contributed to buy the things.

Learning outcomes – teamwork and gratitude towards our lives.

Suggestions for improvements are-

To increase the funds and provide transportation.



Team 2

Group Leader – Monika Reddy

1. Context (Preamble):

On 10 February 2022, 24 students of BSc.(Hons) MRIT (Medical Radiology & Imaging Technology) and 7 students of MPH (Masters of Public Health) with their Team Leader Ms. Monika Reddy (UAS1095), as a part of Service to Society members. All the team of volunteers arrived at

Kritagyata Trust, 9th Crossroad, 1st Main Rd, Yelahanka to spend some quality time with the children and provide support orphanage with basic amenities.

2. Objectives:

The main objectives of this visit were.

- a. Spending quality time with children in the orphanage
- b. Providing material support to the orphanage
- c. Organizing educational and recreational activities
- d. Raising awareness for hygiene and physical fitness
- e. Building relationships and understanding societal difference

3. Practice:

a. Planning

The planning cycle of the orphanage visit involved several steps:

- 1- Identify the purpose and objectives of the visit
- 2- Contact the orphanage:
- 3- Identified any specific needs or requests, and discussed any rules or guidelines that need to be followed during the visit.
- 4- Planned activities that will engage and benefit the children. This included educational (Hand hygiene, personal hygiene) and recreational activities, providing snacks (cutting cake) and donating items such as toys, books, and stationery.

b. Resources required & procurement.

Based on a budget of Rs. 7500, here are some resources required for a visit to an orphanage:

- 1- Transportation: Depending on the location of the orphanage and the number of volunteers, transportation was required. This included rental vehicles, fuel costs, and public transportation fees.
- 2- Food and drinks: provided snacks & drinks for the children as a part of the visit. This includes purchasing items such as fruit, biscuits, and juice.

3- Toys and games: Bringing toys and games to the orphanage can help to entertain the children and provide them with new experiences. This included items such as puzzles, and board games.

4- Educational materials: Provided educational materials such as books, pens, and paper that can help the children to learn and develop new skills.

5- Art supplies: Art supplies such as paints, brushes, and paper can be used for creative activities with the children.

c. Implementation.

This is how the planning process was implemented:

1. Identify the purpose and objectives of the visit
2. Contact the orphanage
3. Plan activities
4. Prepare for the visit
5. Conduct the visit
6. Follow-up

d. Obstacles faced and strategies adopted to overcome them.

Planned to visit the nearest orphanage in Malleswaram as transportation would be a problem for the students but the orphanage denied interacting with the children

Here are some obstacles that the volunteers faced during their visit to the orphanage and strategies that have been adopted to overcome them:

1. Language barriers
2. Cultural differences
3. Limited resources
4. Resistance from the children
5. Safety concerns
6. Time constraints

Overall, the key strategy to overcome obstacles is to remain flexible, respectful, and open-minded throughout the visit. The volunteers maintained a positive attitude and were prepared to adapt to any challenges that arose. By doing so, they ensured a successful and meaningful visit to the orphanage.

e. Feedback

The majority of the students have transport as a challenge and a short time to plan for the visit and requirements to arrange.

Impact analysis:

1. The social and emotional impact on the children
2. Educational impact
3. Material Impact
4. Volunteer Impact

Overall, the visit has helped the students understand the social responsibility as a citizen and the happiness in sharing, giving, helping others in need and to be always thankful for what we have in our lives.

4. Learning outcomes:

- a. Cultural awareness and way of life
- b. Empathy and compassion
- c. Communication skills
- d. Social responsibility for service

5. Suggestions for improvements on repetition:

Transport facility from the university end

As the budget is a huge constraint, sufficient funds to be provided.

6. Remarks and recommendations:

Overall, the visit to the orphanage was a positive and impactful experience. Students have shown a strong commitment to providing support for orphanage children, and their efforts were well-planned and executed within the given budget. This Service to Society has the potential to continue making a positive impact on the lives of the children and the orphanage as a whole.





Team 3

Group Leader: Mr. Anush Nayak

1. Context (Preamble)

This programme on service to Society was held on February 10th, 2023, at Geddalahalli Govt School, Sanjay Nagar, Bangalore -560094. This particular School was selected on the basis of the minimum distance required for our students to travel and also there was an immediate requirement of Plates for children.

2. Objectives

- The main objective was to provide plates and to the school children as there was a need for it.

3. Practice.

a. Planning

The team comprising of 30 students of Masters of Hospital administration and cardiac care technology contacted the Head-Teacher in that particular School. The team came to know that there was an immediate requirement for Plates for children for midday meal.

b. Resources required & procurement.

100 Plates with some refreshments (Chocolates)

c. Implementation.

Over 30 students were present during the event. The event began at 2 pm. Initially plates were distributed to the children with the help of schoolteachers along with chocolates. Our students also organized a few fun activities in the end. School teachers appreciated the initiative and provided very good feedback.

d. Obstacles faced and strategies adopted to overcome them.

1. Shortage of funds
2. Extra money was borrowed from students to buy refreshments to school children.

4. Learning outcomes

- Teamwork and gratitude towards our lives

5. Suggestions for improvements on repetition.

- To increase the funds and provide transportation.



Team 4

Group Leader: Ms. Shaistha Banu

The students of BSc (Hons)Anesthesia and Operation theatre technology (AOTT) and Masters of Hospital Administration (MHA) together contributed to Service to Society for the children of Saraswati Educational and Charitable Trust on 5th February 2023. The objective of this event was to provide the children with school and hygiene essentials along with educating them on personal hygiene and safety.

The planning for this event involved looking into places nearby where one could go and engage with the children while providing them with the essentials that they had requested. It also involved looking for stores where the requested items would be available at a subsidized cost. The resources requested by the trust included stationery items, buckets and mugs, soaps and sanitary napkins, badminton rackets and hair accessories. To procure these items, a few of the students went to stores near the university.

The MHA students engaged the children with a few games like Chinese whisper, passing the parcel, bomb explosion, jump clap and dumb charades. These games were new to the children and despite that, they were enthusiastic and eager to know about and play the games. The students also educated the children about “Good touch and Bad Touch”, how to handle such situations and whom to approach for help.

The students of AOTT educated the girls above the age of 11 about menstrual changes and the hygiene to be maintained during those times. The children were interactive during this session and wanted to know more about methods to cope with cramps and the pain associated with it. The children were then given a break and food items were distributed. Two pictures made by one of the students of AOTT were also gifted to the trust which depicted the message of the importance of mental health.

Prizes were distributed to the winners of each game. All the children were also given a stationery set each which consisted of notebooks, coloring books, crayons, and pencils among others. After the conclusion of the event, the children were very eager to click pictures with the students.

One of the obstacles which were faced by the organizing committee was the budget allotted for this service. To overcome this, the students had to look for places near the university to cut down on transportation costs. A suggestion would be to increase the budget while planning for such service events to implement it in a better way.

The children were excited to have someone to play and interact with. This event made the students of both courses involve themselves in the planning and implementation, the experience of which will help in organizing such events in the future. The students thoroughly enjoyed the

time that they spent with the children as it was healing and served as a break from their daily schedule. Overall, it was an experience that both the children and the students cherished. The students look forward to participating in such services for the benefit of society and the university's support for the same would be appreciated.



Team 5

Group Leader: Dr. Selvam Arjunan
Venue- Janasnehi Charitable Trust

Date: 11.02.23

1. OUTLINE

As a part of the national service scheme, a social service day was planned with the intent to help people at orphanages, animal care centers, government schools, and care centers. Out of these choices it was decided to visit a care center present on the outskirts of Bangalore.

On 11th February, Saturday the group of 36 students visited the Janasnehi charitable trust, Nelamangla. The care center was a local peoples' initiative started four years back. They have an Instagram page with 137K followers. The care center was started by Mr Yogesh and his wife with the intent to help needy and ostracized people from society by offering them shelter and basic dignities of life with utmost love and care. The center accommodated several people. They helped patients who suffer from drug abuse, rehabilitating chain smokers. They were also reaching out to patients who were afflicted with diseases like Leprosy, Gangrene or were mentally challenged.

2. OBJECTIVE

- a. To understand the problems of ostracized and helpless people.
- b. To learn how to contribute to society with the resources one has.
- c. To empathize with people from different strata of society and accept them with love and treat them equally.

3. PROCESS

The funds received for this service are Rs 7,500. From these funds all the daily necessities like groceries comprising of items like oil, flour, spices, coffee and so on.

Listening to the stories of those people who stay in the care center has deeply touched our hearts. The team came to know that people who stay there are not orphans or daily wages people. Once they had a very luxurious life and they too had a family and kids. But they are left here by their kids since they can't take care of them.

But this shouldn't happen in our generation or successive generations. Our parents have worked very hard to raise us, and we shouldn't forget them once we have grown up.

No matter how old we grow, how rich we are, we shouldn't forget our parents and we should take care of them with love.

Some thought-provoking insights from the trip

- a. An elderly woman (nurse) at the care center shared her life experience which she went through. Her life experience spoke of her resilience since she was single-handedly taking care of herself and her physically challenged husband who had unfortunately met with an accident some years back. In spite of having no support from her children (who could otherwise give her a comfortable life), it didn't pull her back from facing life or taking care of her spouse.
- b. Another inspiring story was about a man who worked in Infosys as a supervisor some years back and was brought to the care center since he was found to be left alone. But with constant care and support from the people at the care center, his condition has improved for good.

OBSTACLES FACED

- 1) Couldn't spend more time with them as a result could interact with only a few of them.
- 2) There was a language barrier since many of them did not know Kannada.





Team 6

Group Leaders: Dr. Hanumantharaju K N
2023

28th February

Dr. Chennappa G
Dr. Bhavana S
Dr. Jayalaxmi Baddi

**Place: Bruhat Bengaluru Mahanagara Palike
Near-J P Park Gate, Mathikere, Bengaluru**

1. Preamble

Service refers to the act of providing people's needs by a concerned authority. This may be done either by an individual or an organization. This programme on service to society was held on February 28th, 2023, at Bruhat Bengaluru Mahanagara Palike (BBMP), Near-J P Park Gate, Mathikere, Bengaluru-560054, Karnataka, India. This particular BBMP office was selected on the basis of minimum distance required for our students to travel and also there was requirement to create awareness on sanitation, hygiene, and safety and also to distribute Safety Kits to BBMP sanitation workers.

Ramaiah University of Applied Sciences, we believe that education, industry, and society are deeply interlinked. Each can and should mould the other. This is the driving idea behind the

design of all our programs and courses. Our curriculum reflects a changing society. It is rooted firmly in the present and unflinchingly faces the future. It focuses on what is and the immense possibilities of what can be. Because at RUAS, we don't just create competent graduates. We create the thinkers, makers, and achievers of a better world.

The Bruhat Bengaluru Mahanagara Palike (BBMP) is the administrative body responsible for civic amenities and some infrastructural assets of the Greater Bengaluru metropolitan area. It is the fourth largest Municipal Corporation in India and is responsible for a population of 8.4 million. Its boundaries have expanded more than 10 times over the last six decades. The BBMP represents the third level of government (the Central Government and State Government being the first two levels). BBMP is run by a city council composed of elected representatives, called "corporators", one from each of the wards of the city.

Its roles and responsibilities include the "orderly development of the city" zoning and building regulations, health, hygiene, licensing, trade and education, as well as quality of life issues such as public open space, water bodies, parks and greenery. Sanitation workers, including those deployed to collect all types of waste including medical waste, electronic waste under Bruhat Bengaluru Mahanagara Palike. Sanitation workers deployed to collect and segregation all types of waste ie. three categories, namely, organic wastes (kitchen wastes), dry wastes (like e-waste, paper, plastic, etc.), and medical/domestic hazardous wastes which are infectious or contaminated may cause hazards. Hence as members of service to society it's our duty and responsibility to participate, educate and respect our grassroots health and sanitation workers.

The sanitation workforce bridges the gap between sanitation infrastructure and the provision of sanitation services. Sanitation workers provide an essential public service but often at the cost of their dignity, safety, health, and living conditions. They are some of the most vulnerable workers. They are far too often invisible, unquantified, and disliked, and many of the challenges they face stem from this fundamental lack of acknowledgment. Sanitation workers are exposed to serious occupational and environmental health hazards risking illness, injury, and death. Therefore, it's a responsibility of public or part of service to society to take care of our sanitation workers in this regard our service to society programme was planned and implemented with few objectives.

2. The prime objectives of the short visit to BBMP as a part of service to society:

1. To spread awareness regarding importance of sanitation, health, hygiene and safety of BBMP workers
2. To provide safety kits to the BBMP workers there was a need for it.

3. Practice.

a. Planning

Faculty coordinators and student volunteers contacted BBMP officer to know the requirements of BBMP worker. After knowing the needs of BBMP workers, the team members of service to society- all faculty and students had conducted a meeting in the department to plan and organize NSS program ie to visit Bruhat Bengaluru Mahanagara Palike, near J P Park Gate, Mathikere, Bengaluru-on the 28th of February 2023 Tuesday at 9 :00 am from the department of Food Technology Faculty of Life and Allied Health Sciences, Total 4 number faculties and 37 students (M.Sc. Food Science and Technology, M. Sc. Food Nutrition and Dietetics I years, and B.Sc. (Hons) Food processing Technology, II year) were actively participated. The programme was made effective by sharing knowledge and creating awareness regarding sanitation, hygiene and safety of BBMP sanitation workers by distributing safety kits to BBMP workers which helps them for first aid treatment. Safety kits consisted of important necessities for their use such as medical cotton, Dettol bottle, soap, cotton bandage, sanitizer, hand gloves, face masks etc.

b. Resources required & procurement.

Talk by faculties regarding aims and objectives of service to society visit, about Ramaiah University of Applied Sciences, awareness on sanitation, hygiene and safety among BBMP sanitation workers, importance of health and nutrition education and discussion by answering to queries of BBMP workers.

Safety kit: Safety kits consisted of important necessities for their use such as medical cotton, Dettol bottle, soap, cotton bandage, sanitizer, hand gloves, face masks etc.

c. Implementation.

Total 4 number faculties and 37 students (M.Sc. Food Science and Technology, M. Sc. Food Nutrition and Dietetics I years, and B.Sc. (Hons) Food processing Technology, II year) were actively participated during the programme. It started by 09.15 am by assembling of staff and students in the campus and by 10:00 am reached BBMP office, Mathikere. Introductory speech by Dr. Hanumantharaju K N, Brief about Ramaiah University of Applied Sciences by MSc FND student Raksha Nagesh. Speech by Dr. Channappa, on awareness on sanitation, hygiene and safety among BBMP sanitation workers, importance of health and nutrition education by Dr. Bhavana S and importance of immunity and immune boosting foods by Dr. Jayalaxmi B followed discussion by answering questions of BBMP workers, 12: 30 pm distribution of Safety Kits to BBMP sanitation workers followed by distribution of refreshments.

Feedback:

BBMP officers and workers appreciated the initiative and have provided very good feedback. All BBMP officers and workers expressed their happiness for programme, they need still more programs for better health....

d. Obstacles faced and strategies adopted to overcome them.

- Shortage of funds
- Extra money was borrowed from students to buy refreshments

Conclusion : The service to society programme ended successfully as scheduled by providing free safety kits along with talks by faculties, the workers were happy, elated and motivated.



Team 7

Group Leaders: Dr. Rajadurai M, Dr. Anusha M. B, Dr. Yogita Bhatt and Dr. Lokesh A. C.

1. Introduction:

The Department of Food Technology, FLAHS, RUAS organized the Service to Society event (part of NSS activity) dated on 28th February 2023 at Savandurga. The camp was a part of the college's ongoing efforts to instill a sense of community service and social responsibility among the students. The camp was attended by 30 students (B.Sc. 2nd year FPT ,M.Sc. FST and FND Ist year) and was a huge success.

2. Objective:

The objectives of the camp were to provide students with an opportunity to serve their communities, to help students develop leadership skills, and to promote teamwork and cooperation among students.

3. Activities:

The camp consisted of several activities that aimed at achieving the objectives of the **SERVICE TO SOCIETY** program. These activities included community service projects, leadership development workshops, and team-building exercises. The community service projects included cleaning up the local park, cleaning up any public place, visiting a nearby orphanage, and assisting with various environmental conservation efforts.

4. Timeline:

1. Started from Gnanagangothri campus at 7 am and reached Savandurga at around 9 am.
2. Met DRFO Mr. Krishnamurthy on arrival and they briefed us about the work that needs to be carried out.
3. After briefing by the DRDO had a quick breakfast organized by them.
4. At around 10 am as per the instructions of the DRDO started picking plastic wastes from bottom of Savandurga hill and the temple premises.
5. This activity was carried out by the faculty and students for about 4 hours.
6. All the plastic waste that was collected was filled in 15 bags provided by the DRFO office. This activity was completed around 2pm.
7. Followed by lunch till 2:30pm.
8. Finally, left Savandurga at 3pm and reached campus at around 4:30 pm

5. Outcomes:

The camp was a great success in terms of achieving its objectives. The students were able to serve their communities and make a positive impact. The team-building exercises helped to foster a sense of teamwork and cooperation among the students.

6. Conclusion:

In conclusion, the camp organized by The Dept. of Food Technology, FLAHS ,RUAS was a great success and a valuable experience for the students. The camp helped to instill a sense of social responsibility and community service among the students and provided them with important life skills.



Team 8

Group Leader : Dr. Prashanthi

Social service is a broad term used to describe various types of actions and efforts that aim to improve the well-being of individuals, families, and communities. Social service can take many different forms and can be provided by a variety of organizations, including government agencies, non-profit organizations, and community groups.

Social service is an important and necessary component of society. It provides crucial support to individuals and communities, helps to alleviate social problems, and promotes a more just and equitable society.

Every year faculty members and students of Ramaiah University choose to dedicate their time and energy to volunteering with organizations that provide social services. Volunteers can contribute in many ways, including providing direct service to individuals in need, fundraising, and advocacy. Faculty members and students try to collaborate with organizations involved with such social work since it can shed light on several issues today's society is facing.

The university hopes that by undertaking such initiatives, it can encourage the students to develop Empathy and Compassion: Social service allows students to connect with individuals from different backgrounds and circumstances. By serving others, students can develop empathy and compassion for those who are less fortunate than themselves. This can lead to a greater understanding of the world around them and can help students to become more sensitive to the needs of others.

These initiatives can also provide a sense of purpose. Social service provides students with an opportunity to make a difference in their communities. By helping others, students can feel a

sense of purpose and fulfillment that can be difficult to find in other activities. This sense of purpose can motivate students to continue serving others and can help them to develop a lifelong commitment to social service.

It can also increase awareness of Social Issues. Through social service, students can gain a greater understanding of social issues such as poverty, homelessness, and environmental degradation. This increased awareness can lead to a greater sense of responsibility to address these issues and can inspire students to become advocates for social change.

This year this initiative was focused on volunteering in an animal rescue shelter. The main aim was to understand how these organizations operate, what are the problems these institutions face and how we as volunteers can help them.

Many different rescue shelters were contacted and finally decided to volunteer in "KARUNA ANIMAL SHELTER". The people in charge were contacted to enquire about the volunteering and about donations. The organization agreed to let the students volunteer in batches and to educate them about the inner workings. They also specified that they only required pet food as donations.

The shelter also asked for details of all the students volunteering. They also wanted to make sure that the animals were not scared by the students to avoid any accidents while volunteering. It was a little hectic to organize students in batches and compile their information. But this opportunity ensured students to get involved and make a positive impact on the lives of animals.

The donations were made to the shelter by buying dog and cat food in a pet store. The people working in the organization educated the students on responsible pet ownership and to help prevent animal abuse and neglect. They also talked about the psychological sufferings of these abandoned pets and how important it is to make these animals feel safe and loved.

Volunteers and donations are often critical to the operation of animal rescue shelters. Volunteers may help with animal care, socialization, and adoption events, while donations of money, food, and supplies can help ensure that the animals in the shelter receive the best possible care.

Overall, we learnt the objectives of these animal rescue shelters. They provide a safe and comfortable place for animals that have been abandoned, lost, or surrendered by their owners. In addition to providing food, water, and shelter, animal rescue shelters also provide medical care, vaccinations, and spay/neuter services to help prevent overpopulation. The volunteering itself was a rewarding and fulfilling experience.

The project was very educational and helped to gain a new perspective on animal abandonment and abuse, which has become very prevalent these days. The next time we can strive to spend more time with these animals by dividing the students into batches of four to five as a large group can be quite overwhelming for these animals. We can also assist with adoptions, organize fundraising in order to fund their operations and involve in community outreach to educate responsible pet ownership and animal welfare.

Social services can have a significant impact on individuals, families, and communities. Social services can help individuals and families meet their basic needs, such as food, shelter, and healthcare. This can lead to improved physical and mental health, reduced stress and anxiety, and an overall sense of well-being. They can provide support to vulnerable populations, such as children, the elderly, and individuals with disabilities. All in all, social services can have a significant positive impact on individuals, families, and communities by providing support and resources to those in need, promoting social justice, and building stronger and more resilient communities.

Visiting an animal rescue shelter can increase awareness of animal welfare issues and the importance of adoption. This can lead to a greater understanding of the challenges that animals face, as well as the positive impact that adoption can have. Many people form an emotional connection with animals when they visit a shelter. This can lead to feelings of empathy and compassion, which can translate into action, such as volunteering or donating. Animal rescue shelters often provide opportunities for socialization, both for humans and animals. Visitors can interact with animals, which can help to reduce stress and anxiety, as well as provide an opportunity for socialization and bonding. They can play an important role in building community by bringing people together around a shared interest in animal welfare. This can lead to the development of new relationships, as well as increased awareness and support for animal rescue organizations.

Social service is an important aspect of promoting human well-being and building strong and healthy communities. We as social beings should always strive for building a better society and by engaging in social service, we can improve our own mental and emotional health, build relationships and connections, develop new skills and knowledge, and make a positive impact on society.



Faculty of Pharmacy

Team 1

Group Leader: Dr. Aswathi R Hegde

1. Preamble

As part of the Annual Service to Society (2023) activity organized by the Department of Student Affairs, RUAS, B. Pharm 2nd year students and M. Pharm 1st year students opted to visit a shelter home under Kalpa Raksha Educational and Charitable Trust, Bengaluru along with their mentor, Dr. Aswathi R Hegde, Assistant Professor, FPH, RUAS on Saturday, 18th March, 2023.

2. Objectives

- a. To create awareness about personal hygiene and waste management among orphanage children
- b. To promote self-confidence and spirit of self-reliance by engaging them through activities/games
- c. To support their educational facility by gifting HP Deskjet 2331 Color Printer, Scanner and Copier

3. Practice

- a. **Planning** – On being briefed regarding Service to Society activity, students suggested several activities that could be organized for the orphanage children including an awareness session on personal hygiene and waste management.
- b. **Resources required & procurement** – As requested by the facilitator of the trust, procurement of the Printer/copier was made using Amazon. Remaining resources were procured locally.
- c. **Implementation** – Students planned various small activities to engage the children. The importance of personal hygiene and waste management was given. Children were encouraged to discuss their educational aspirations. The program ended with the gifting of the printer/copier on behalf of RUAS.
- d. **Obstacles faced and strategies adopted to overcome them** – Since the children understood only local language, we had to explain in regional language also. To drive home the messages, we also made use of audio-visual aids to make the session more interactive and mutually inclusive.

- e. **Feedback** – children of the orphanage thoroughly enjoyed the program and wished us to come more often to visit them. Our students were filled with a sense satisfaction and gratification to have been a part of this program.

4. Learning outcomes

- a. Plan an activity to engage orphanage children
- b. Identify the requirement and propose a strategy to achieve it
- c. Organize an awareness session on personal hygiene and waste management
- d. Take part in the activity along with the orphanage children

5. Suggestions for improvements on repetition

- a. It would help if the team were of smaller strength considering the number of students allotted was 45
- b. Budget allocated may be increased to cover the transportation costs

6. Remarks and recommendation

Overall, the program was well planned and organized by the students of RUAS. It gave them a platform to express their ideas and talents to engage the children of the orphanage. They took over the event confidently and created a sense of confidence and self-reliance. Children of the orphanage enjoyed the program and wished us to come more often. Students and the mentor are grateful to Department of Student Affairs, RUAS for the opportunity.





Team 2

Group Leader – Damodar Nayak A

1. Context (Preamble)

The essence of Service to Humanity is based on solidarity, sharing and brotherhood. “The best way to find yourself is to lose yourself in the service of others.” – Mahatma Gandhi

On the occasion of 74th republic day which marks the adoption of India's constitution and the country's transition, 38 students from Faculty of Pharmacy, Ramaiah University of Applied Science were involved in Service to Society initiative.

2. Objectives:

- a. To imbibe the sense of service among the students
- b. To address the leading issues of the society
- c. To contribute back to the society with the best of the abilities with the available resources and time limit
- d. To educate general public on health and lifestyle modifications
- e. To create awareness on plastic waste and ill effects on health practice.

3. Planning

The Team comprising 38 students were initially divided into 4 sub-groups with Team Leaders. Teams were named as follows.

Team 1 – Mudita (Joy) – Sameerana Hammigi – Team Leader

Team 2 – Shram (Hardwork) – Sharath H S – Team Leader

Team 3 – Pragya (Knowledge) – Dr. J. Anbu – Team Leader

Team 4 – Avyanna (Powerful women) – Ms. Thanuja N K – Team Leader

After division of teams a group meeting was called for to discuss the activities which can be pursued under the STS initiative and following activities were planned for execution

- a. Health Camp – Vitals measurement & Knowledge dissemination on general wellbeing and lifestyle modifications
- b. Plog Run – To keep our surroundings and neighborhood FREE from plastic waste while creating harm that plastic waste is creating in our environment
- c. Participation in Republic Day event at a Govt. school in the Mathikere slum area and distribute stationary and provide one time meal to school children on the auspicious occasion of 74th Republic Day
- d. Sanitary Napkin distribution to females in the underprivileged areas and create awareness on menstrual and feminine hygiene

4. Resources required & procurement.

Resources: BP measuring machines, Blood glucose measuring devices, Adequate amount of cotton, Blood lancet, Alcohol swab, Blood glucose measuring strips, Registration forms, Registration table, Sanitary napkins, Stationary materials, Gloves, Face mask, Garbage covers, Handouts on the lifestyle and its impact on the health & menstrual hygiene and its significance, Various handmade educational charts and models pertaining to human body to donate to Govt. School.

5. Implementation

Team leaders were given the freedom to execute the task by building a rapport with the team members. Early morning 06:30AM on 26th Jan 2023, teams reported to their respective locations JP Park, Sankey Tank Park and PVP Highschool – Mathikere.

Team 1 – Mudita (Joy) – led by Sameerana Hammigi and Team 2 – Shram (Hardwork) – led by Sharath H S made necessary set up by putting banners, registration table, stationary and other requirements at Sankey Tank Park and JP park respectively to initiate the Health Drive. As a part of this initiative a total of **250 people** got their vitals and blood glucose measured and had productive discussion with team members on the healthy management of same.

While half of the team had engaged themselves in the health drive the remaining team members went on for Plog Run in both the locations and accumulated about **15 KG** of plastic waste both

inside the parks and outside area which was later handed over to BBMP garbage disposing vehicle for further appropriate disposal.

Team 3 – Pragya (Knowledge) led by Dr. J. Anbu & Team 4 – Avyanna (Powerful women) – Led by Ms. Thanuja N K initially reported to PVP high school, Mathikere for conduct of Service to Society. Both the teams got involved in the republic day arrangements of the school and became part of the flag hoisting ceremony followed by the National anthem. After the address by the school authorities to children, teams distributed the Stationary kits to students and wished them good luck for their future. Several interactive and colorful charts prepared by the students of Faculty of Pharmacy on Human Body, Medications, Healthy Food Habits, Healthy hands etc were handed over to School authorities to display prominently in the classrooms and premises.

Team 4 - Avyanna (Powerful women) – divided themselves into two teams and approached underprivileged areas in and around university and Mathikere to educate females on menstrual and feminine hygiene. As a part of the initiative over **100 Sanitary Napkin Packs** were distributed.

Obstacles faced and strategies adopted to overcome them.

No specific obstacles were faced.

6. Feedback

Participation certificates have to be issued to students as it is highly helpful and adds value to the student's profile. Also, an appreciation certificate should be provided to team leaders and Faculty members.

7. Learning Outcomes

- a. The society got benefited by the health checkup, patient counselling, basic awareness on food and health and also about personal hygiene,
- b. Safe usage of medicines, avoiding self-medication and OTC drugs
- c. Waste management,
- d. Significance of discipline and dedication in education, environmental protection, go green concept etc.

8. Impact analysis

Pros

- a. Realistic exposure to the challenging conditions of the society
- b. Opportunity to come out with sustainable solutions
- c. Improvised social behavior of students

- d. Adoptability
- e. Unconditional involvement
- f. Imbibe the spirit of service
- g. Value added approach

Cons

- a. Ensuring safety of participants
- b. Time restriction

9. Suggestions for improvements on repetition

- a. Conducting workshops or seminars from seasoned social activists for structuring various range of activities without much financial burden
- b. Collaborating with NGO's and Charity organizations

10. Remarks and recommendation

Giving back and assisting others in community service teaches us how significant it is to help the ones in need, the ones who are less fortunate than us. The importance of community service lies in the fact that it connects us to the community by improving it, and making it a better place for all of us to live in.



Team 3

Team Leader: Dr. AR Mahesh

Service to Society Camp at Naati Goshala, Rajankunte is a camp initiated by a group of students from a renowned educational institution MS Ramaiah University of Applied Sciences to create awareness amongst the neighboring villages of Rajankunte about the importance of native cows and their medicinal uses. The camp was held on 25th February 2023 and included activities such as training about the cow and its products, door-to-door campaign in the neighboring villages and a health camp awareness on 26th February 2023 in the Goshala.

In India, cows are regarded as sacred animals, and their importance is mentioned in ancient scriptures. Moreover, according to the Hindu Dharma, cows are considered as a symbol of prosperity, and their milk and ghee have many benefits for the human body. However, in the present time, there has been a gradual decline in the number of native cows, and this has led to the emergence of foreign breeds. This has caused a major loss to the farmers and the local economy.

Therefore, to address this issue, a group of students from FPH, RUAS organized a camp at Naati Goshala, Rajankunte, to create awareness amongst the neighboring villages about the importance of native cows and their medicinal uses.

The objective of the Service to Society Camp at Naati Goshala, Rajankunte was to:

1. Educate the villagers about native cows and their importance.
2. Create awareness about the medicinal uses of cow products.
3. Invite the villagers for the health camp organized on 26th February 2023.
4. Educate the students about various breeds of Indian cows.

The camp included various activities such as:

1. Training about the cow and its products: The students were provided with training about the cow and its products such as cow milk, ghee, etc. The training was conducted by experts who had expertise in the field.
2. Door-to-door campaign: After the completion of the training session, the students were taken to the neighbouring villages to conduct a door-to-door campaign. During the campaign, the students interacted with the villagers and created awareness about the importance of native cows and their medicinal uses.
3. Health camp: On 26th February 2023, a Health Camp was organised in the Naati Goshala, Rajankunte. The students invited the villagers to the health camp and provided them with the necessary medical care.

4. Education about Indian breeds: In the evening, the students were educated about various breeds of Indian cows. The experts explained the characteristics of the various breeds and their importance.
5. Cleaning of Goshala: The students also took part in the cleaning of the Goshala and the surrounding areas.

The Service to Society Camp at Naati Goshala, Rajankunte was a great success. The students were able to create awareness amongst the neighbouring villages about the importance of native cows and their medicinal uses. Furthermore, the Health Camp was also successful, as the villagers were provided with medical care. Finally, the students were educated about various breeds of Indian cows and the Goshala was cleaned, which helped in maintaining the hygiene of the area. Thus, the camp was successful in achieving its objectives.



Team 4

Group Leader: Dr. Pravallika Vutukuru

Education is a fundamental human right, and by ensuring that all children have access to clothing they need to attend school, we can promote equal opportunities for education. When children wear the same clothing, regardless of their background or socio-economic status, it helps eliminate any visible markers of class differences. When children feel comfortable and confident in their clothing, it can boost their self-esteem and improve their overall performance in the classroom.

Some families may not be able to afford to buy uniforms for their children, which can prevent them from attending school. By providing them with clothing it ensures that they have basic necessities to attend school.

Objectives of service to society in terms of donating uniform clothing:

1. To provide clothing to students of families who cannot afford their students education in financial terms.
2. To create sense of equality among children
3. To boost self-esteem among children that increase overall performance in the classroom
4. To eliminate any visible markers of class differences.

One day while going towards Mathikere market it was observed that some students were walking on bare foot even in summer. On enquiring they said that they were studying in a high school in that area which led the team to meet the Principal. The principal of the school explained about the economic status and the requirements for the school children. The food is being provided to them from ISKON. They have 8th to 10th standard students.

The principal said that a new batch of 25 students need school uniforms, shoes and bags. They were looking for some help.

1. After discussion with the dean and students it was decided to help the school children in the best possible way.
2. Through a vendor cloth was purchased required to provide a pair of uniforms to 25 students within the budget.

Service by students:

1. The students educated them about the importance of personal hygiene.
2. Students' interaction about their education and facilities they have to study.
3. Encouraged them in showcasing their talents by conducting some competitions in extracurricular activities like singing and dancing.
4. Explained about the need of education.

Obstacles faced and strategies to overcome them:

1. No major obstacles were faced during the process.
2. The budget provided was sufficient for providing uniform material.
3. Extra money was spent from our side to provide refreshments for the students.

Feedback

Even the smallest act of kindness and generosity can have a significant impact. Service to society in terms of helping some children have access to the clothing they need to attend school was a satisfying and rewarding experience.

The gratitude and appreciation in their smiles on receiving the clothing filled our hearts with joy and immense happiness.

It was a reminder of the experience of giving back to the community and those who are in need.

Impact

The team could instill a sense of hope and motivation in school students to work hard and achieve their goals.

Learning outcomes

The team members were motivated to collect some reusable school bags and also unused notebooks and provide them to the students as additional support for the education.



Faculty of Hospitality Management & Catering Technology

Team 1

Group Leader: Ankita Sharma

1. Introduction

As a part of outreach program, the 2nd year students of FHMCT visited Shri Sai Prashanthi Old Age Home on 13th February 2023.

Prashanthi Old Age Welfare Home began in the Year 1998 and has been serving the elderly since then by giving them care, love and affection in their sunset years. They have been committed to serving Senior Citizens for the past 25 years.

2. Objectives

- a. To Expose students to people who are at a disadvantage (socially, medically, economically, or otherwise)
- b. Help students to realize they can make a difference and provide them the opportunities and resources to do so
- c. Develop awareness and better understanding of the communities around
- d. Foster a community of caring, empathetic and committed individuals

3. Process

The 2nd year students prepared and served lunch for the elderly at the Old Age Home. The residents were very glad and emotional while interacting with the students.

4. Learning outcomes

- a. Personal and interpersonal development
- b. Facilitating cultural & racial understanding.
- c. Sense of social responsibility and citizenship skills.

5. Suggestions:

It is suggested to provide transport support.

Team 2

Group Leader: Rajesh S

1. Introduction

As a part of the outreach program, the 2nd year students of FHMCT visited Kalpavruksha children with special need school on 13th February 2023.

The Kalpavruksha is a progressive, nonpartisan think tank that seeks to foster opportunity, reduce inequality, and promote security at home for the specially abled children. Founded in 2017 by the progressive effort of the founder. The school provides residential facilities, learning and development opportunities for children with learning difficulties and specially abled children. The focus is on all-around development including independence, sociability, and special education.

2. Objectives

- a. To deepen their understanding of individual leadership, systemic change and social responsibility in the context of the local, national and global multicultural society.
- b. To advocate the rights, freedoms and interests of persons with disabilities.
- c. To promote persons with disabilities artistic expression, and recreation through showing their different talents.

3. Process

The students arrived at the school at 11:00 a.m. and interacted with the founder, Mr. Srikanth. They greeted and talked to the students. They engaged in conversation about everyday life in the school, shared their past, indulged in banter, even sang, and danced with the students. They shed tears, held hands, hugged, laughed, shared, and showered love upon the students, creating pure unadulterated bonds. The 2nd year students prepared and served lunch for the children in the school. It was a day truly spent well and all of us would remember it for all our lives.

4. Learning outcomes

- a. build a sense of responsibility and sensitivity towards the society
- b. promote a just, loving and equitable community

5. Obstacles: None

6. Suggestions:

It is suggested to provide transport support.



Team 3

Group Leader: Shyam Prasad

1. Introduction

Ramaiah University of Applied Sciences (RUAS) since its inception in 2014 has been organising a Service to Society (STS) drive in the months of January – February for the students of the First Year. This drive is organised to inculcate social understanding among the students. This year was no different. The students and faculty of Hospitality Management and Catering Technology (FHMCT) IV semester 2021 batch consisting of 31 students and faculty, visited Sumangali Seva Ashrama as a part of Outreach program on 13th February 2023.

Sumangali Seva Ashrama is a voluntary organization and registered under Karnataka Societies Act 1960. This organization is dedicated to the services of downtrodden deserted women, Orphan children and economically weaker people in the society. S.G. Susheelamma the founder President and Smt.M.Kanthamma Secretary of this Organization, established this in the year 1975 with its Reg.No. 212/75-76.

2. Objectives

- a. To inculcate a sense of social service in the students
- b. To nurture leadership skills in students
- c. To nurture a sense of empathy and social skills in the students

3. Process

The 2nd year students collected and distributed groceries (rice, atta, tooth paste and sanitary napkins etc) for the girls and elderly lady at the Seva Asharam. The residents were very glad and emotional while interacting with the students.

4. Learning outcomes

- The students were educated about the cleanliness, hygiene and grooming
- The students learnt leadership skills.
- The students understood the value of working in a team
- The students learnt essential life skills such as, Presence of Mind, Situation Handling, Patience, Compassion, Empathy, etc

5. Suggestions:

It is suggested to provide transport support.



School Of Law

Group Leader: Arvind Tayenjam

1. Context (Preamble)

On 10th Feb 2023, we the students of RUAS, went to "Vedhanth" old age home as part of the Service to Society Programme. In today's society, we frequently overlook a large segment of the population, the elderly. This is unfortunate because they provide a wealth of insightful knowledge and guidance. This meant that going to an old age home was something to be excited about.

2. Objectives

Old-age homes are predominantly for those senior citizens who cannot live with their children for some reason or are better off living there. They can live there for a small fee as well as have a 24-hour nurse on call. However, this can make them lonely. It is indeed depressing to see old people waiting perpetually for people to come and visit them. There are many securities to living there, however, there are downsides. There is a positivity to being around people of their own age and doing activities together, however. They were all very friendly with one another and even with the people who visited.

3. Planning

The team unanimously decided to go to an old age home that was in the vicinity of the university. Hence, "Vedhanth" in Mathikere was chosen. As they needed resources it was decided to donate whatever the team could and pay them a visit.

4. Resources required & procurement.

Donated 25kgs of rice, 30 kgs of wheat, a few mats and light bulbs, and 15days of subscription for milk.

5. Implementation.

Spent quality time with the elderly by interacting and playing games with them. They shared their life experiences with us. It was deeply heartening to see the friendliness between the people who lived there. They were enjoying their lives as much as they could and focusing on the positives. They are very special people to be with.

6. Feedback

The inmates residing there talked their hearts out with the students and the faculty. It was an overwhelming experience for all. The essence was to bring a smile on the faces of the old people there.

7. Learning outcomes

The experience highlighted the fragility of today's society that we are constantly in a rat's race to succeed wherein we have forgotten the values of family. It also brought about the extensive care we need to take for the elderly even with simple tasks such as sitting next to them and listening to what they have to say.

8. Suggestions for improvements on repetition.

The budget allocated to a team for the program was low. More could have been contributed with a higher budget.

9. Remarks and recommendation.

To ensure that the program continues for all the students in all the semesters.



Annexure – 16



**RAMAIAH
UNIVERSITY**
OF APPLIED SCIENCES

ANNUAL REPORT 2022-23



www.msruas.ac.in

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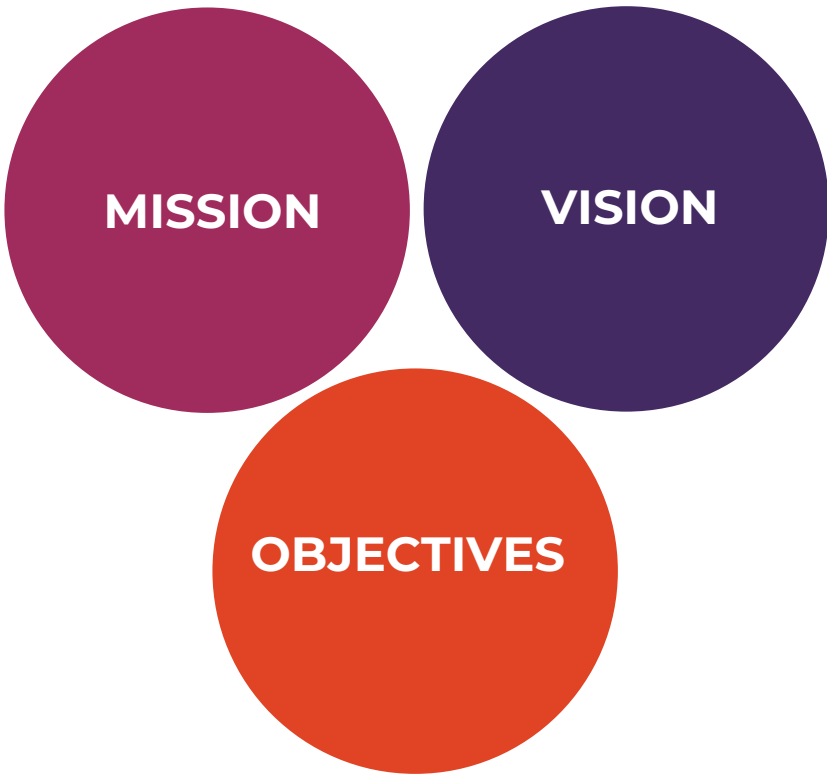
University Vision and Mission

OUR MISSION

Our purpose is the creation and dissemination of knowledge. We are committed to creativity, innovation, and excellence in our teaching and research. We inspire critical thinking, personal development and a passion for lifelong learning. We value integrity, quality, and teamwork in all our endeavours. And we serve the technical, scientific, and economic needs of our society

OUR VISION

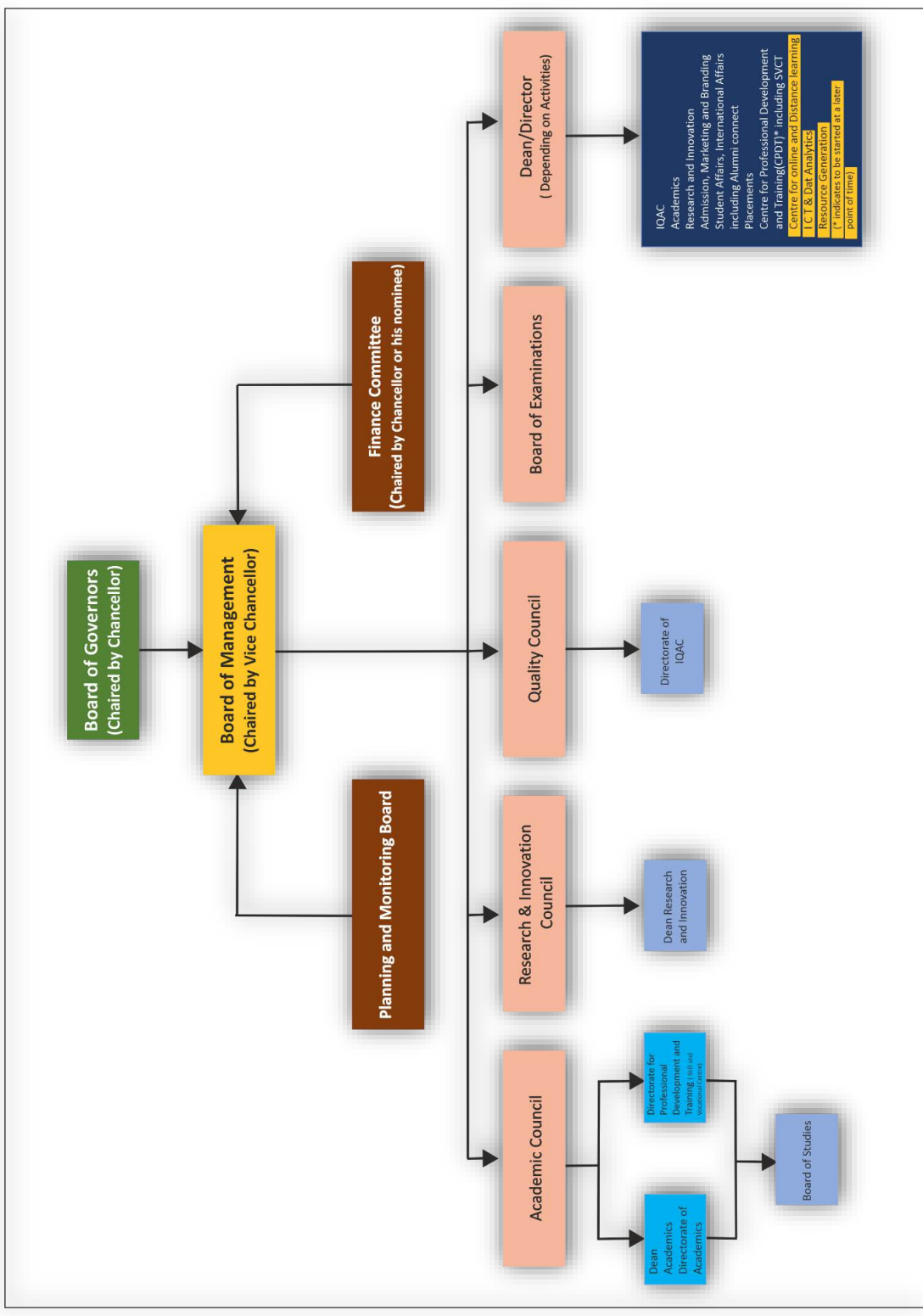
RUAS aspires to be the premier university of choice in Asia for student-centric professional education that lays emphasis on applied research while maintaining the highest academic and ethical standards.



OUR OBJECTIVES

- To disseminate knowledge and skills through teaching, training, instruction, seminars, workshops and symposia in a variety of subjects in order to equip students and scholars to meet the needs of industries, businesses, and society.
- To generate knowledge through research in Engineering and Technology, Art and Design, Management and Commerce, Health and Allied Sciences, Physical and Life Sciences, Arts, Humanities and Social Sciences to resolve the challenges of the day.
- To generate knowledge through research in Engineering and Technology, Art and Design, Management and Commerce, Health and Allied Sciences, Physical and Life Sciences, Arts, Humanities and Social Sciences to resolve the challenges of the day.
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Organizational Structure



RUAS Legacy



M S Ramaiah University of Applied Sciences (RUAS) stands as a Pre-eminent Private Institution in Bangalore, Karnataka, founded in December 2013 under the Karnataka University Act No. 15 of 2013. The establishment of RUAS unified various educational institutions from the esteemed Ramaiah Group, keeping them in synchronisation with present dynamics.

RUAS was the first University to adopt Outcome Based Education (OBE) due to a rich learning experience garnered out of associating with Coventry University, United Kingdom. RUAS developed an innovative OBE-based curriculum to support and inspire graduates to become critical thinkers and equip them with skills to solve challenges in their community. The curriculum was developed with the active involvement of academia and industry to make graduates future-ready and address societal requirements. The curriculum encourages students to pursue their passion and explore studies within and outside their major stream of subjects, fostering a broader skill set and complementing their degrees.

RUAS started with seven Faculties and seven Directorates to provide students with interdisciplinary education and holistic development. Through these years, RUAS has evolved as a prestigious University that facilitates growth around academia, industry, and society, dedicated to nurturing the leaders of tomorrow.

Presently, RUAS takes great pride in offering a diverse array of 90-plus programs spanning across 13 faculties, each meticulously designed to foster academic excellence and holistic development. With a legacy of excellence spanning decades, this distinguished institution consistently moulds students in technology/healthcare/management / social sciences and leaves an enduring impact on the lives it touches.

RUAS was established in 2013, agglomerating the Ramaiah Dental College and Hospital, Ramaiah College of Pharmacy, Ramaiah Institute of Hotel Management, Ramaiah School of Advanced Studies and the Ramaiah Advanced Learning Centre. In a remarkable stride towards academic progress and holistic education, RUAS embarked on an exciting journey of expansion. RUAS has, since, expanded to include the Faculty of Engineering and Technology, Faculty of Art and Science, Faculty of Management and Commerce and the Faculty of Mathematical and Physical Sciences in 2014. The Faculty of Life and Allied Health Sciences was formed in 2018. The School of Social Sciences and the School of Law came into existence in 2020. The year 2022 witnessed the joining of Ramaiah Medical College, Ramaiah College of Physiotherapy and Ramaiah Institute of Nursing Education and Research. This unique combination of Faculties with a strong trans-disciplinary approach makes RUAS a true centre of 'Applied Learning'. This visionary endeavour entails the inclusion of multiple faculties, a pivotal step aimed at enriching the educational experience for students and fostering interdisciplinary collaboration. As we broaden our academic horizons, we embrace diversity in thought and expertise, fostering an environment where innovation thrives at the intersections of various disciplines making it a truly applied learning.

RUAS Legacy

The University's envisaged outcomes are broadly categorized under four categories – Physical and Learning resources, Students and Delegates, Faculty and Staff, with Research and Development. The advanced testing laboratory, Techno-centre, Advanced Learning Centre, clinical research centre and International Centre for Public Health Innovation facilitate learning by providing hands-on experience and opportunities to engage in groundbreaking projects across various disciplines. Supported and funded by Government Bodies like ISRO, ICMR, DRDO, DST, DBT etc., RUAS encourages students and staff to develop solutions and promote collaboration through sponsored research programmes. Several students have publications ranging from Scopus to PubMed-indexed journals, inculcating innovation and problem-solving skill sets. The RUAS Advanced Learning Centre has trained 16,000+ delegates offering an array of lab workshops, simulation labs, mannequins and surgical-based training, which has enabled healthcare professionals to refine their skills and upgrade their knowledge at the frontiers of medicine.

This seamless integration of research and innovation within the academic framework equips graduates with the skills, mindsets, and expertise needed to address real-world challenges and advance society as a whole.

The acquisition of knowledge follows an unbroken continuum, marked by a clear inception yet devoid of an ultimate culmination. To fully embrace this seamless amalgamation of knowledge, RUAS has adopted an all-encompassing perspective, a task achieved through a synergy of Allopathy, Ayurveda, Psychology, and an array of knowledge domains such as Engineering, Management, and Philosophy.

RUAS holds multiple accolades with Ramaiah Medical College being NIRF ranked 43, Faculty of Dental Sciences ranked 14th, Faculty of Pharmacy ranked 65, as per NIRF ranking in the year 2023 and Ramaiah Memorial Hospital ranked as the 3rd best multispecialty hospital in Bangalore. With more than 50 MOUs and partnerships with prestigious institutions such as HCG, NH, NDRF, BEL and International Universities such as the University of Illinois Chicago, MSU and St George's University Chicago, the University's stature has experienced a remarkable elevation. These synergistic partnerships have not only expanded its horizons but have also fostered a rich exchange of knowledge, resources, and expertise. Through these collaborative efforts, the University has transcended traditional boundaries and emerged as a hub of innovation and excellence.

The outreach initiatives undertaken by the University hold profound significance and wield a far-reaching impact. By extending its educational, research, and community-focused efforts beyond its campus borders, RUAS has become a catalyst for positive change. RUAS has made a significant impact in Kaiwara, Chikkaballapur Dist, one of the five adopted villages under Unnat Bharat Abhiyan. For instance, Ramaiah Medical College and Faculty of Dental Sciences has set in place NCD and fluorosis project and an outreach centre to cater to oral health care needs. Other Faculties and Schools have embarked upon numerous such outreach programs.

With decades of pioneering achievements, RUAS has not only established itself as a cornerstone of academic brilliance but has also etched its name in the annals of innovation and societal impact. This stellar legacy serves as an inspiration to future generations, urging them to push boundaries, embrace challenges, and contribute meaningfully to the world.

The University remains committed to using its teaching and learning, research and engagement to make a sustainable contribution to improve the health, education and living standards of communities. RUAS has made remarkable accomplishments in graduate outcomes with the graduates obtaining lucrative packages from as high as 23 LPA and reaching top positions. The number of graduates are 1866 in the 7th Convocation with a 627% increase since its first convocation. The research accomplishments have also been remarkable with a Scopus citation of 1511 and Scopus H Index of 30. RUAS has filed 25 Indian patents.

Tribute to Founder Chairman



Dr. Mathikere Sampangappa Ramaiah, an exceptional visionary in education, philanthropy, and industry, was born on April 20, 1922. Born to Sri. Sampangappa and Smt. Narsamma in Mathikere Village, on the outskirts of Bangalore City, he hailed from a modest background.

Despite the constraints of limited resources, he persevered in his pursuit of education, continuing until his middle school years. He subsequently engaged in temporary work with Mysore Railways, later transitioning to the realm of construction material supply contracts. Embarking on more ambitious endeavours, he undertook significant projects focused on irrigation and power generation, spanning the regions of Maharashtra, Bihar, and Karnataka. Of notable mention within Karnataka are the Ghataprabha Left Bank Canal and the Talakalale Reservoir, integral components of the expansive Sharavathi Hydro Electric Project.

Dr. M.S. Ramaiah firmly believed in education's transformative power responsive to a growing country's needs, he established Ramaiah Engineering College in 1962; , now acclaimed as the Ramaiah Institute of Technology. Subsequently, in 1979, he founded Ramaiah Medical College, accompanied by the Ramaiah Medical College Hospital and Ramaiah Memorial Hospital in 1997. These pioneering institutions led the way for Dental, Pharmacy, Law, Nursing, Arts & Science colleges, collectively forming Ramaiah University of Applied Sciences, nurturing around 20,000 students.

An ardent devotee, Dr. M. S. Ramaiah's role as Dharmadhikari of the Yogi Narayana Yateendra Trust in Kaiwara, left an indelible imprint. His charitable efforts encompassed free mass marriages, annadaana for pilgrims, temple restoration, rural student support, and more.

Dr. Mathikere Sampangappa Ramaiah passed away at the age of 75 on December 25, 1997, in Bengaluru.

Driven by a relentless pursuit of excellence, he established institutions that became beacons of knowledge, nurturing countless intellects. His vision brought together diverse disciplines, fostering a holistic approach to education and healthcare. A pioneer whose impact ripples through generations, Dr. M S Ramaiah's legacy continues to illuminate the path of progress, reminding us that with determination and a clear vision, we can shape a better future for all.

Dr M S Ramaiah's foresight led to the inception of this institute, where education, research, innovation and patient-care interwine seamlessly. He established an institution that thrives on values of creativity, inclusivity, and solidarity via his exceptional leadership. His profound impact is felt in the smiles of the patients as they recover, students' achievements that defy expectations, and the staff's never-ending efforts to uphold his goal.

We are reminded of Dr. M. S Ramaiah's humility, tenacity, and infinite empathy as we reflect on his enduring impact. He personified the idea that genuine achievement is judged by the positive impact we have on others. Today, we stand united, grateful for the solid foundation he laid and unwavering in our commitment to carry on his flame.

Centenary Celebrations



Chancellor's Message

It gives me immense pleasure to invite and welcome you all to the Ramaiah University of Applied Sciences, Bengaluru.

The 21st century is the century of opportunities to pursue innovation, research and critical thinking. Higher education institutions are evolving into a robust ecosystem to provide such opportunities. The purpose of higher education is to inspire and enable individuals to develop their capabilities to the highest possible levels throughout life; to Increase knowledge and understanding for their own sake, and to foster their application to the benefit of the economy and society; to serve the needs of an adaptable and sustainable, knowledge-based economy and society and in shaping a democratic, civilised, inclusive society.

To this end, higher education institutions should enable a compelling blend of theory and practice to achieve the purpose of higher education. The Ramaiah University of Applied Sciences aspires to be the premier university of choice in Asia for student-centric professional education that emphasises applied learning and the research ecosystem.

The Ramaiah University of Applied Sciences provides an opportunity to evolve such partnerships for an effective ecosystem to nurture a culture of trust amongst students, teachers, administrators, employers, and society. There exists trust between student and teacher, teacher and students, parents and students, parents and teachers, parents and university administrators and students and university with employers and overall, with a sense of service and commitment to society.

Education and learning must build a culture of trust in oneself and service for others, with others and the community at large. Creating a culture of trust and service is an ongoing process. One must earn trust through interaction and active collaboration. Hence, there is a need to harness partnerships among all actors in higher education and the society in which these institutions exist. I hope you will carry the culture of 'trust' and 'service' along with your education and research.

The Ramaiah University of Applied Sciences is well-positioned to harness the holistic and multidisciplinary ecosystem across the Ramaiah Group of Institutions, enabling collaboration across its institutions and beyond. The University strongly believes in empowering faculty through continuous professional development. The University is proud to offer Outcome Based Education (OBE) for excellence in teaching and learning, emphasising human values anchored on the philosophy of 'inclusive excellence'. The OBE approach is instrumental in facilitating applied research and making our students' industry ready. The University has contributed and benefitted immensely in teaching, research and innovation by proactively engaging with international institutions and agencies since its inception.

My message to all of you is - *Irrespective of your pursuits, pursue your passion even though the path may sometimes seem circuitous.*

Welcome to the University of opportunities and possibilities. A vast landscape of inquiry and discovery lies before you. We are all looking forward to walking this path with you.



Dr. M. R. Jayaram

Vice-Chancellor's Message



Ramaiah University of Applied Sciences (RUAS) set up in the year 2013 is an offshoot of Gokula Education Foundation [GEF(M)]. The University has evolved, with 13 Faculties and caters to the needs of students in Higher Education in the domains of Health and Life Sciences, Engineering Technology, Management and Design, Social Science and Law. All the programs offered by the University at Undergraduate (UG) and Postgraduate (PG) levels are approved by Karnataka State Higher Education Council (KSHEC) and respective regulatory bodies.

The University aims at nurturing talents in-tune with global needs, imbibing values and ethics among students. The focus of the University train students to be entrepreneurs and enhancement of skills to infuse the ability in analytical thinking, innovation, Research & Development. The University has been awarded "Best Private University in India for Applied Sciences, Research & Innovation. We are in performing band in the Atal Ranking of Institutions Innovation Achievements (ARIIA).

At the 7th Convocation, our university awarded 1,866 degrees in various programs at UG, PG, B.Voc and PhD levels. Dr Sateesh K Reddy, Advisor of Raksha Mantri was the Chief Guest.

During the year under reference, 31 sponsored research ongoing projects, 460 Publications with 345 international journals, 39 patents filed, and 16 patents were awarded, and a seed money of 2.37 Crores was approved.

The placement touched about 65 % on campus. Many students got admission to pursue higher studies in premier Higher Education Institutions (HEI) in the country and overseas.

I truly feel proud of the rising glory of the Ramaiah University of Applied Sciences in a short span of about 8 years. I am grateful to Dr. M R Jayaram, our Honorable Chancellor and Chairman, Board of Governors, Members of the Board of Management, and Academic Council for guiding us on every step. The efforts of each faculty and staff member in keeping with the value system in Higher Education is also appreciated.

Prof. K. K. Raina

Citation – Doctorate of Humane Letters

*Dr M R Jayaram, you are an inspiration and role model for unconditional philanthropic contributions and work tirelessly to promote society's education and well-being. Your role in establishing an inclusive education and healthcare system for society reminds us of the true and lasting power of simple gestures, a lesson so often lost in our increasingly complex and egocentric social systems. **Selfless actions and simple gestures:** these four words describe your amazing journey and life's work that has inspired you and led you to inspire so many others.*

You have enabled access to education and health care for millions of people throughout your life, characterizing your personality and vision. You have never lost sight of selfless contributions to the individual and society. To educate the people of their problems and represent them, your role in anchoring two vernacular dallies and as youngest Member of the Karnataka Legislative Assembly has enriched and empowered the lives of the people, especially the socially and economically disadvantaged groups in the society.

Your concern and compassion towards humanity have been instrumental in promoting education and healthcare for an inclusive and sustainable society. In response to the people's suffering, you have guided and cured millions of people to overcome the outbreak of infectious diseases like Chikungunya, Dengue and Covid-19. The Ramaiah Hospital Beyond cure, you have made a substantial contribution for preventive care to reduce risks from such diseases through clinical research and public health interventions reaffirms his belief in strengthening the education and healthcare systems for greater harmony and inclusiveness in society.



Citation



Your commitment to establishing state-of-the-art medical care and education with a vision of 'inclusive excellence' has opened expansive vistas of enabling excellence with equity. Your able leadership, the Ramaiah Group of Institutions, have been established, guided, and advanced on such a belief system. The Ramaiah Hospital has provided free treatment and nutritious food for patients from the underprivileged sections of society. In the last few decades, the Ramaiah hospital under your leadership has provided free and subsidized tertiary care for more than a hundred thousand patients who could not access and afford tertiary care. Your selfless action and timely interventions not only saved the life of the patient but, in many instances, an entire family.

With its brilliant, motivated, and committed faculty members, the Ramaiah group has given students a conducive platform to pursue their higher education to equip themselves to take on the world and realize their dreams.

You have dedicated your life to the good of people and society. You have displayed compassion towards protecting the local ecology by promoting afforestation and organic farming. As a compassionate leader, your unique initiative of '*Kalpavruksha yojana*' ('a tree of/for life') is a community-based engagement towards active plantation in the region wherein millions of saplings are distributed among the community for a holistic and sustainable ecosystem.

For teaching us the true and lasting power of simple gestures and for his remarkable humanitarian contributions, the University of Illinois at Chicago is proud to confer upon you the degree of Doctor of Humane Letters, honoris causa.

At a Glance

| | | | | |
|--|---|---|---|--|
|  13 Total No of Faculty |  127 Total No of Programmes |  41 Total No of UG Programmes |  85 Total No of PG Programmes |  Ph.D Programme |
|  739 Total No of Teaching Staff |  40 Lakhs Highest Package- SSG |  23 Lakhs Highest Package- SEG |  2578 Total No of Freshers |  1866 Total No of Students Graduated |
|  1009 Scopus Publication |  294 WoS Publication |  1511 Scopus Citation |  267 WoS Citation | <i>h-Index</i> 30 Scopus H Index |
|  597 Other Publications |  36 Total No of Grants Received |  86 Total No of Seed Grants from RUAS |  257.04 Seed Grant Distributed |  25 Patents Filed |
|  20 Patents Granted |  31 No of Book Chapters |  81 No of Conference Presentation |  24 MoUs | |

Year in Review (JULY 2022 –JUNE2023)

The academic year started in earnest with 'Deeksharambh 2022' for the new batch of undergraduate students a program meant to help students get acclimatized to the new environment and also inculcate in them the ethos, culture of the University and also to build bonds with other students and faculty members. At the same time, RUAS was awarded the "Best Private University In India For Applied Sciences, Research & Innovation" At The Higher Education & Skill Conclave 2022 held in New Delhi on July 31, 2022. To enhance the credentials of Commerce graduates, the University also signed an MOU International Skill Development Corporation (ISDC) by signing a Memorandum of Understanding, to deliver ACCA And US CMA Qualifications

JULY

AUGUST

With an objective to provide leadership skills to engineering graduates the University signed an MOU with IEEE TEMS for Joint Certification on Technology and Innovation Management, a unique program carefully designed to support technology professionals become leaders.

Towards Multi-Disciplinarity

RUAS received Notification Number, GoK to merge Ramaiah Medical College, Ramaiah Institute of Nursing Education and Research, Ramaiah College of Physiotherapy

Stride toward enhancing learning opportunities:

RUAS was selected to partner with Google Developers Student Club (GDSC) and start a new chapter facilitating student community groups to gain experience on Google developer technologies. The same club became a part of Cynergy Coding Club, the first of its kind with embodied core principles- Collaboration, Innovation, and Competition. This platform promotes learning and development of programming skills and empowers students with competitive programming skills through activities like Hackathon and share sessions.

Recognizing Teachers:

RUAS celebrated Teacher's Day and honored the internal and external teachers for their accomplishments, efforts and contributions to society as well as to the lives of their students.

SEPTEMBER

OCTOBER

Expanding reach:

Rotaract Club of RUAS Co-Hosted two mega events Pratibha and Rotafest Organized By Rotaract District Council 3190. It was an event meant for providing a platform to government school kids to explore their passion and express their talent.

Award of Patents:

Prof. S. Bharath and Dr. Dhrubojyothi Mukherjee, Dept Of Pharmaceutics — Faculty Of Pharmacy for the invention entitled 'Compression coated mucoadhesive Pamidronate Disodium Buccal compacts for improving bone microarchitecture'

Ms. Tracy Austina Z. (Formerly with RUAS) and Mr. Manoj M., Department Of Computer Science And Engineering — Faculty of Engineering And Technology for the invention entitled 'METHOD, SYSTEM FOR PERSONALIZED KEYFOB '.

Prof. N. D. Gangadhar, Ms. Shikha M. Popali And Mr. V. S. Yerragudi, Department Of Computer Science and Engineering — Faculty Of Engineering And Technology for the invention entitled "Device cache—a caching system for a sensor as a service".

Year in Review (JULY 2022 –JUNE 2023)

Students as stakeholders:

Vidyadhunik 4.0- an initiative for focused Pre-Placement Corporate Training Completely was inaugurated. This was completely based on the student's interests and feedback from corporates to explore the opportunities to work abroad at the very beginning of their careers.

Award of Patents:

Prof. S. Bharath, Professor and Dean, and Dr. J. Anbu, Professor and Head, Department Of Pharmaceutics, Faculty Of Pharmacy for their invention entitled 'Nano drug-mediated ocular inserts for eye disorders

National Cyber Defence Resource Centre(NCDRC)

NCDRC of National cyber security program was established at Ramaiah Technology Campus, Peenya. The cell aims to spread cyber security awareness through training and education campaign's.

NOVEMBER

DECEMBER

Interdisciplinary and Integrated:

RUAS in collaboration with the Ministry Of AYUSH, Telangana Horticulture Department, NIPER, NIMHANS, AIIMS Raipur, and Acharya NG Ranga Agricultural University a conference on 'The Integrative Health Wellness (IHW) 2022' was held from December 16 – 18 at Kanha Shanti Vanam, The Headquarters Of Heartfulness Institute.

Women Special Event:

RUAS hosted Tedxruas a 'Women Special Event' with the theme – 'I Am'. The 6 Extravagant Speakers, Ms. Suganda Sukrutraj (Founder – AMBA), Ms. Añu Karagada (Content Creator), Dr. Amrita Saxena (Executive Director at Global Financial And Banking Firm), Dr. Rajalakshmi (Ms. Wheelchair India), Ms. Meghana Rajashekhar (RJ At Radio Mirchi) And Ms. Ranjini Raghavan (Actress And Writer) delivered Tedtalks and inspired our students and faculty.

Award of Patent:

Dr. Govind R Kadambi, PVC- Research, Dr. Varun D., Asst. Professor, Dr. B R Karthikeyan, Associate Professor, Dept. Of Electronics & Communication Engineering, and Dr. Sandhya Chilukuri (Ph.D. Scholar) Faculty of Engineering and Technology received an Indian patent for the invention entitled 'A module for direct communication between black box of an aircraft with air traffic controller and satellite'.

Accreditation

Faculty of Hospitality Management and Catering Technology received NBA Accreditation.

Boys Hostel was Inaugurated at Ramaiah Technology Campus , Peenya

Health through Millets:

Faculty of Hospitality and Catering Technology organized the 'Smart Food Culinary Symposium' was organized in association with the Karnataka State Department of Agriculture, Government of Karnataka. The program was graced by Shri Shivayogi C. Kalsad, IAS, Hon'ble Secretary for Agriculture Department, Dr. Puthra G.T - Director, of Agriculture Department, Shri Mohamed Parvez H. Banthanal - Managing Director, Karnataka State Agricultural Produce Processing & Export Corporation Limited, Shri Venkatramreddy Patil- Additional Director Agriculture , Shri P.C Rao, President , Bruhat Bangalore Hotels Association , Chef Ramaswamy Selvaraju, Corporate Chef- New Openings and Operations, Taj Group of Hotels and Chef Kasi Viswanathan, Vice President- Karnataka, South India Chef's Association (SICA).

Award of Patent:

Dr. K. Ranganath, Professor and Head, Department of Oral And Maxillofacial Surgery— Faculty of Dental Sciences received an Indian patent for the invention entitled "3-Dimensional anterior mandibular distraction device".

JANUARY

Year in Review (JULY 2022 –JUNE 2023)

Grandaunds to Graduates:

A very proud moment for the University to witness an 1866 number of graduates (UG, PG, Ph.D., M.Phil, MS by Research, B. Voc, and PG Diploma) during its 7th Convocation. The convocation was graced by Dr. G. Satheesh Reddy, Scientific Advisor to Raksha Mantri, Govt. Of India as the Chief Guest and delivered the Convocation Address. In his address, emphasis was placed on Education, Employment, Entrepreneurship, and Excellence as the drivers of 21st century in the 21st century.

Building Partnerships:

Ramaiah International Centre Public Health Innovations was awarded a project from the Government of Meghalaya supported by The World Bank for the project titled ' Providing Capacity Building Support for Health Staff including Nurses under the Meghalaya Health Systems Strengthening Project (MHSSP) to improve the efficiency and accountability in delivering day-to-day activities at Health Facilities at the State and District levels by developing clinical and techno-managerial skills of medical officers, block, and district level officials, including the nursing cadre of the Health Department of the State'. The Government of Meghalaya with support from the World Bank has launched the Meghalaya Health Systems Strengthening Project (MHSSP) to systemically identify the gaps in accountability, utilization, and quality of health care service delivery in the state and address them via multiple interventions integrated into the existing programs under the National Health Mission. For one of these intervention components under MHSSP, the government has awarded a project to Ramaiah Medical College (RMC) and the Ramaiah International Centre for Public Health Innovations (RICPHI) for capacity building of medical officers, nurses and program managers at all levels across all districts on techno-managerial skills. The project has three major components: 1) the Training Needs Assessment (TNA), 2) Training Implementation and 3) Monitoring & Evaluation. The project aims to address the training gap in the state via a three-pronged approach including training needs assessment to identify gaps/discrepancies of HCPs within the state, training implementation including facilitating exposure visits for exemplary performers and master trainers along with concurrent monitoring and evaluation including an online summative assessment. Budget: INR 5,66,32,462. 00 (Rupees Five Crore Sixty-Six Lakh Thirty-two Thousand Four Hundred and sixty-two only).

Recognitions in extracurricular and co-curricular events:

Mr. Athish Sagar Raj from Ramaiah College of Physiotherapy bagged 1st place and gold medal in All India Karate Championship Senior & U21, held at Dehradun From 17th To 19th February 2023, Organized By Uttarakhand Karate Association And Karate India Organization. A highly popular debate event- 'Sentience' was participated by 25 teams with diverse topics a flagship event of the Debate club facilitated by the Directorate of Transferable Skills And Leadership Development (DTSLED).

FEBRUARY

MARCH

Birth Centenary Celebration of Dr. M.S. Ramaiah, Founder Chairman:

A momentous occasion to pay tribute to the visionary leader and remarkable individual who laid the foundation for our success was held on 1st March 2023. The event was graced by Sri Jagdeep Dhankar Honorable Vice President, Sri Thaawar Chand Gehlot Honorable Governor of Karnataka, and Sri JC Madhu Swamy, Honorable Minister of Law, Parliamentary Affairs and Legislation and Minor Irrigation. As a respect to the indomitable spirit and extraordinary leadership, a scholarship amount of Rs 1,30,15,000 was distributed to 1567 students. Additionally, the employees received a wristwatch as a token of appreciation.

Supporting research:

A seed money grant of Rs 2,57,04,017 was awarded to 84 faculty members. The research grant proposals were screened by a team of experts and funds were awarded to research topics that had a significant impact on society.

Certificate Of Appreciation:

The Rotaract Club of RUAS was recognized for its consistent activities by the Rotaract District 3190.

RUAS DENTCON:

A National Dental Conference organized by the Faculty of Dental Sciences had more than 500 delegates participating in the pre-conference workshops, guest lectures, panel discussions, and paper presentations. The conference provided an opportunity for students to meet experts in the field and also get connected to the Alumni.

Year in Review (JULY 2022 –JUNE 2023)

RUAS hosted the 'Vidyarthi Vigyan Manthan' a national program for popularizing science among school students. This program is conceptualized to identify bright minds with a scientific aptitude among the student community. The state-level examination conducted by Vigyan Bharati had a total of 100+ Students from Schools / Colleges across Karnataka.

Hospitium Symposium 2023, is a complete student-led program from the Faculty of Hospitality Management and Catering Technology to instill a sense of research aptitude among the students. The keynote address was delivered by Dr. Jeetesh Kumar Dr. Jeetesh Kumar, Associate Director – Centre for Research and Innovation in Tourism (CRiT)

APRIL

MAY

Action towards Sustainable Developmental Goals:

Investing in solar, improving energy productivity, and ensuring energy was an attempt made towards SDG 7 (AFFORDABLE AND CLEAN ENERGY). In a progressive move towards sustainability and environmental stewardship, substantial strides in harnessing the power of solar energy. With a strong commitment to reducing our carbon footprint and embracing renewable energy sources, we have embarked on an ambitious journey to integrate solar power into our daily operations. By leveraging the abundant sunlight in our region, we not only contribute to the global transition towards clean energy but also showcase our dedication to leading the way in sustainable practices. By embracing solar energy solutions, RUAS stands as a beacon of innovation and environmental consciousness, inspiring the academic community to embrace sustainable practices for a greener future.

Approval and Recognition

RUAS received extension of AICTE approval for the AY 2022-23

National Rankings:

For the last few years the Faculties in the University have been awarded high ranks from the National Institutional Framework -2023 (NIRF-2023) under the Ministry of Education, Government of India. The Faculty of Dental Sciences was awarded the 14th position, the Faculty of Pharmacy was awarded the 65th position and Ramaiah Medical College was awarded the 43rd position.

Awards and Recognitions:

Techno Centre Engineering and the Department of Electronics and Communication Engineering, Faculty Of Engineering And Technology, received the National Recognition Award for the project entitled "Design And Development of A 3-D Bionic Hand With Control-Assist Mode Functionality" from the Hon'ble Defence Minister, Shri. Rajan Singh, Government of India, On May 25, 2023, at the DRDO-ACADEMIA Conclave, New Delhi.

Enhancing quality of treatment:

The increasing burden of cancer in the country warrants the use of high technology for enhancing care. RUAS procured a Linear Accelerator Truebeam SVC an Initiative of 2.25 Crore for improved quality of cancer treatment. This newer equipment provides more options to our patients and in turn more provides opportunities as an institute. With this newer equipment, we can treat varied cancer sites like breast, brain, lung, upper gastrointestinal, retroperitoneal cancer, etc, in a more updated way with lesser toxicity and more compliance. Hematological malignancies and oligometastatic cancers also benefit immensely from this upgraded technology. Choosing the right cancer treatment facility is very important for curing the disease adequately.

Action towards Sustainable Developmental Goals: SDG 7 (AFFORDABLE AND CLEAN ENERGY) In our unwavering commitment to harness renewable energy sources, RUAS has taken a significant step forward by implementing a cutting-edge biogas plant on campus. This innovative facility, with a capacity of 100 kilograms, stands as a shining example of our dedication to sustainable practices and environmental consciousness.

Observing Important Days: The National Technology Day With The Theme "School To Startups-Igniting Young Minds To Innovate" at Ramaiah Technology Campus. Dr Girish Chandra from TCS delivered talk on Quantum Computing. RUAS plans to build a student satellite called "Ramaiah Sat" coinciding with Azadi Ki Amrit Mahotsav, the 75 years of Indian Independence. The satellite ground control station is capable of receiving data in UHF, VHF as well as S-band frequencies. A live link of the NOAA satellite tracking and downlink capability of the ground station was demonstrated during the inauguration ceremony. Further, the data is used for weather estimation, forest fire detection, vegetation as well as tomography. The RAMAIAH SAT ground station has the capability to receive and process the downlink data from NOAA series satellites namely 15, 18, and 19. The downlink data can be processed for weather prediction, tomography, water resource management, and forest fires. Further, with some processing vegetation index can also be found. The ambition is to provide an improved prediction model for the downlink data provided by the satellite. Further, launch a satellite with an IoT payload and have a satellite cluster that can provide accurate polarimetric data for the country.

International Yoga Day was observed in collaboration with the Ministry of Tourism, GOI. The Faculty of Pharmacy inaugurated its well-equipped state-of-the-art, digitally smart classrooms and labs.

June

Welcome Aboard



Dr. G. S. Venkatesh
Registrar
RUAS

Dr. G S Venkatesh joined RUAS as Registrar from August 2022

Dr. G S Venkatesh did MBBS from Mysore Medical College, Mysore University, MD from Karnataka Institute of Medical Sciences, Hubli, Dharwad University, DNB from Delhi. His field of specialization is Anaesthesia.

Major Academic Strategies have been implemented in 2022-2023: Three constituent colleges (RMC, RCPT, and RINER) have been included under the ambit of RUAS. The Academic Council was reconstituted. The guidelines for best dissertation, Gold, and Silver medals were revised. The guidelines for awarding and appreciating meritorious students were developed. The examination manual was revised and a unified Academic Regulations was introduced. The National Education Policy Guidelines were introduced in 12 undergraduate programs across the University.



Dr. Om Prakash Kharbanda
Pro Vice Chancellor
Health Sciences

Prof. Om Prakash Kharbanda, formerly Dr CG Pandit National Chair, is an internationally recognized personality in the dental fraternity. He has held various positions, including Chief of the Centre for Dental Education and Research, Head of the Division of Orthodontics and Dentofacial Deformities at AIIMS, and Director of the WHO Collaborative Centre on Oral Health. Kharbanda is an innovator, collaborator, orator, and organizer, and serves as an advisory to government and professional bodies on oral health and related topics. Prof. Kharbanda significantly improved community dental health, directing WHO-Collaborating Centre on Oral Health Promotion, AIIMS, NOHP, and NARRIHDS, India's first dedicated dental research facility. He strives to implement in the field of interdisciplinary research, FDP's, creation of conducive environment with supportive environment to foster sustainable research ecosystem on campus.



MS Ramaiah Medical College along with the Department of Physiotherapy, Bengaluru, and M S Ramaiah Institute of Nursing Education and Research, Bengaluru became constitute colleges of Ramaiah University of Applied Sciences

Collaboration for Academic Enhancement



Dr. Shivanand B Savatagi
Assistant Professor
FLAHS

Mr. Shivanand received a DGD (Belgium Development Cooperation) fellowship from the Institute of Tropical Medicine, Antwerp, Belgium to undergo a short course on "Qualitative and Mixed Methods in International Health Research". The training was held from Jan 27, 2023 to March 5, 2023 in the London School of Hygiene and Tropical Medicine (LSHTM), MRC unit, the Gambia. The training exposure was one of the best experiences of learning from renowned global research experts. The course provided an opportunity to engage in different methods and understand the value of using qualitative and mixed methods while conducting research. In addition, I met people from 20 different countries that enhanced a good professional network. I thank M S Ramaiah University of Applied Sciences, Bengaluru for providing the necessary support to attend the course. I was in the probationary period, but the University had the flexibility of not extending the probation although I was off campus for almost 5 weeks. I Sincerely thank the Vice Chancellor Dr. Kuldeep Raina, Registrar Dr. G. Venkatesh, Dean Dr. Krishnamurthy Jayanna, and HOD of FLAHS Dr. Tushar Shaw for their support and encouragement which has certainly helped to build my competencies in qualitative and mixed methods research.



Dr. Varun D
Assistant Professor
FET

We had an opportunity to visit the Colorado State University (CSU), Fort Collins, Colorado for my Post doctoral research. The topic of research was 'Polarimetric Studies for Precipitation Measurement'. I was involved in the analysis of a system for the precipitation measurement under the supervision of Prof. V Chandrasekar of Center for Adaptive Sensing of the Environment (CASA) labs. The objective of research was in the development of the simulation model for the RADAR for improved prediction of precipitation. The primary focus of the Bi-Static Radar Project is directed on space-based precipitation measurements with improved spatial resolution. I was also involved in mentoring PhD students in the domain of RADAR development. I was pleasantly overwhelmed with the research experience as well as the stay at CSU in Fort Collins and also the rich experience in conducting research.

Collaboration for Academic Enhancement



Dr. Karthikeyan
Assistant Professor
FET



Dr. Tapasi Ghosh
Associate Professor
SSS

The Post-doctoral work at Collaborative Adaptive Sensing of Atmosphere (CASA) lab at CSU, Fort Collins, was enriching experience. I was involved in developing case studies on Weather target modelling and estimation of storm targets from space borne radars through simulations. The intensive computations of simulation models on high performance computing which was new experience. I was involved in developing space borne and airborne radar test cases. This research work were carried under the supervision of Prof. V. Chandrasekar for improving the spatial resolution of the storm target predictions. The support system at CASA lab were very much favorable for technically independent in conducting research, and was a remarkable experience from CSU.

I feel truly privileged to have had the opportunity to spend a month at the University of South Carolina, USA, during the summer of 2023. This experience was not only immensely academically enriching but also marked the initiation of a promising long-term research collaboration. I'm excited about the potential for students at RUAS to benefit from the invaluable expertise and knowledge shared by the international community. This trip was a testament to the university's commitment to academic excellence and global engagement.

Meritorious Students

I am delighted and filled with pride to be an M. Tech. Environmental Engineering student at Ramaiah University of Applied Sciences. My second academic year's group project taught me how to overcome obstacles. Faculty from the Civil Engineering Department should receive special thanks for their knowledge and steadfast assistance all year long.

My internship at TERI gave me priceless learning opportunities, and I furthered my knowledge there with the help of Sushma Ma'am, external mentors Prathik Sir, and Shailaja Ma'am for my dissertation.

I'm incredibly appreciative of the ongoing support and direction that have helped me advance academically.



Ms. Sinchana K.
M. Tech in Environmental
Engineering
FET



Ms. R. Alagammai
M. Sc. in Bio-Technology
FLAHS

I joined Ramaiah University of Applied Sciences in 2020 with the purpose of getting exemplary education. It was a unique, unforgettable and transformative, with memories that will last for a lifetime.

I left the university with not only a degree but with the capability and confidence to deal with every challenge life has in store for me.

My journey as a Biotechnology student at RUAS has been an enriching and transformative experience. The university provided an ideal platform for holistic development, offering a blend of academic excellence, extracurricular engagement, and personal growth. The program's curriculum, designed to blend scientific rigor with practical application, equipped me with a solid foundation in the field and a deep understanding of its interdisciplinary nature. The faculty's unwavering support and mentorship have fostered an environment where curiosity thrives and learning knows no bounds.



Ms. Bhoomika Shivaraj
BSc (Hons) BT
FLAHS



ACADEMICS

Faculties and Schools



Science and Technology

- Faculty of Engineering and Technology
- Faculty of Art and Design
- Faculty of Mathematical and Physical Sciences



Health Sciences

- Ramaiah Medical College
- Ramaiah College of Physio Therapy
- Ramaiah Institute of Nursing Education and Research
- Faculty of Pharmacy
- Faculty of Dental Sciences
- Faculty of Life and Allied health Sciences



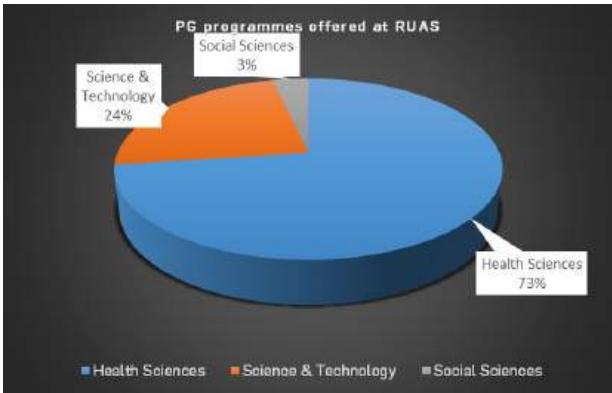
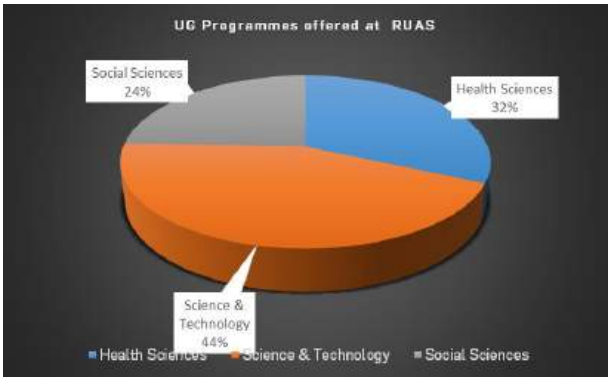
Social Sciences

- Faculty of Management and Commerce
- Faculty of Hospitality Management and Catering Technology
- School of Social Sciences
- School of Law

Academics

Programs Offered

Ramaiah University of Applied Sciences offers a variety of Undergraduate and Post Graduate courses. The 13 Faculties are grouped under umbrellas of Science and technology, Health Sciences and Social Sciences collectively offer 41 UG and 85 PG programs.



Research at RUAS

RUAS believes that academic research is a natural progression from 'knowing' to 'applying' and offers full-time and part-time Ph.D. programs across all the faculties. Ph.D. programs lay the foundation for a rewarding career in research and academia and can be done either full-time or part-time.

Diploma, Advanced Diploma and B. Voc programs

3 diploma, 4 Advanced Diploma and 4 B. Voc programs offered by FET, FAD and FHMCT inculcate appropriate skills, competencies, and abilities for working in real life situations, contributing to the development of industry and society.

Student Enrolment

According to the data for the academic year 2022-23, the University had admitted a total of 2578 students into the different UG and PG programs.

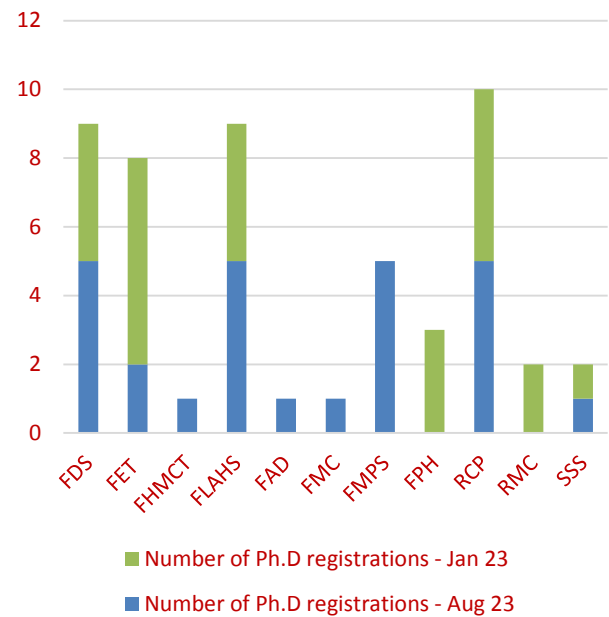
| | Students Admitted | |
|------------------------|-------------------|-----|
| | UG | PG |
| Health Sciences | 606 | 492 |
| Science and Technology | 717 | 115 |
| Social Sciences | 431 | 217 |

In this academic year, super specialty courses offered by Ramaiah Medical College had 40 admissions.

Ph.D. admissions took place in two batches, with 21 students taking registration in Aug 2023 and 25 students in Jan 2023.

Academics

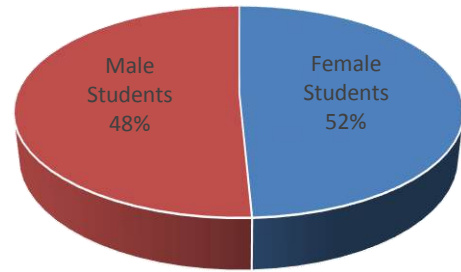
Number of Ph.D Registrations



Gender wise admissions

Gender diversity in higher education contributes to a well-rounded and equitable learning environment. Ramaiah University of Applied Sciences focuses on creating an open, welcoming, and safe education ecosystem for everyone. The University ensures a fair and unbiased admissions process that considers all applicants regardless of their gender identity. The university's admissions reflected a noteworthy representation, with approximately 44% of UG students and 50% of PG students being female.

Gender wise admission



Student diversity

Ramaiah University of Applied Sciences is committed to embracing students from various geographic backgrounds. Regional diversity enriches the university experience and fosters a multicultural learning environment. Student admission from a diverse regions and backgrounds enhances cross-cultural understanding, broadens perspectives, and prepare students for a globalized world. The admission process is designed to welcome students from a wide range of regions. The university witnessed admissions from 28 states and 5 union territories.



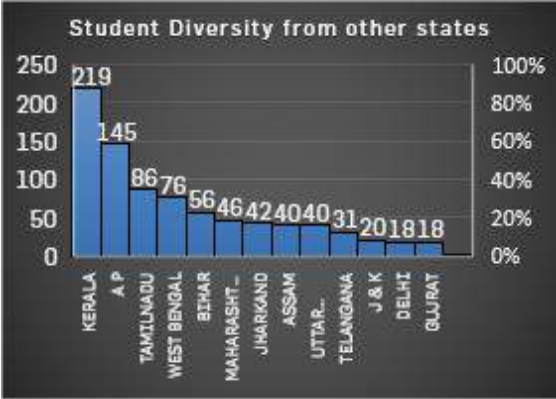
Total number of Karnataka Students

1620



Total number of other Students

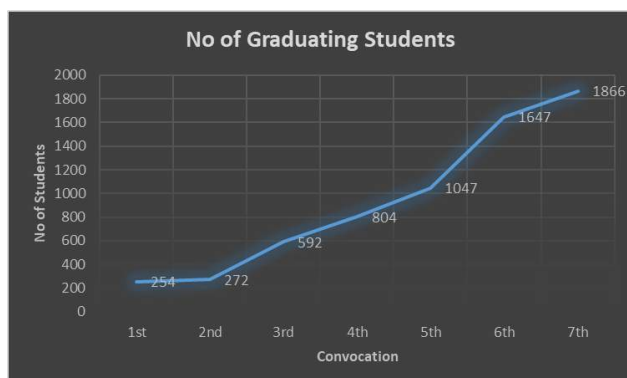
958



Academics

7th Convocation

The noteworthy increase in the number of graduating students over the past years, reflects the university's commitment to academic excellence, student support, and program diversity.



University had produced 40 Doctoral students from the time of its inception. 16 students were conferred the doctoral degree in the 7th convocation and is a testament to its unwavering commitment to fostering academic excellence, innovation, and global impact.

A total of 116 and 25 students were conferred B. Voc and PG Diploma Degree respectively.

76 students received medals/ awards for their outstanding meritorious and academic and all-round performance.

| Category | Programme | No. of Students Awarded |
|--|-----------|-------------------------|
| Dr. M.S. Ramaiah Gold Medal for Academic Excellence | UG | 20 |
| | PG | 14 |
| Smt. Venkatamma Ramaiah Silver Medal for Academic Excellence | UG | 19 |
| | PG | 14 |
| Smt. Gowramma Ramaiah Silver Medal for Best Dissertation | PG | 9 |

Placements

At RUAS, our primary goal is to equip our students with the knowledge, skills, and opportunities to excel in their chosen paths.

The highest salary package of 23 LPA offered to our graduates from Science and Engineering Group and 40 LPA from Social Science Group reflect the quality of education and skills they acquire during their time at the university. A notable percentage of our graduates opt for postgraduate studies, pursuing master's or doctoral degrees in diverse disciplines.

Student Awards and Scholarships

Students have not only demonstrated their academic prowess but have also achieved remarkable milestones beyond the classroom. Securing commendable ranks in national examinations such as GATE (Graduate Aptitude Test in Engineering) showcasing their commitment to excellence. Moreover, their scholarly contributions have extended to the global stage, as evidenced by their participation in international and national conferences of repute, where they presented insightful papers. About 31 students have presented research papers at conferences. Some of the reputed conferences where papers were presented by RUAS students include the 25th AIAA International Space Planes and Hypersonic Systems and Technologies Conference, Bangalore; The 34th International Symposium on Shock Waves (ISSW34), Korea; International Conference on Applied Research in Engineering Sciences-2022, organized by MSRIT; International Conference on Advance in Engineering and Technology for Intelligent Systems ICAETIS 2023 to name a few. 3 Students have also garnered recognition for their outstanding efforts, clinching awards for the best presentation and poster contributions in prestigious forums such as the International Conference on Applied Research in Engineering Sciences-2022, organized by MSRIT, and one for scientific writing prowess such as AWSAR (Augmenting Writing Skills for Articulating Research) Award 2022 by Department of Science and Technology, Government of India.

Academics

Higher Education Opportunities in Globally Reputed Institutions

The accomplishments of students of RUAS have also opened doors to remarkable opportunities, as they have secured admissions into esteemed international and national institutes. Their exceptional dedication to academic excellence and pursuit of knowledge have earned them well-deserved places in institutions of repute, both on a global scale and within the nation. Around 23 students have received admission to institutes of repute such as IIT Madras, NIT Goa; VIT Vellore; Uppsala University, Sweden; Cranfield University, UK; Wake Forest University; North Carolina University, USA; and Technische Hochschule Ingolstadt, Germany; Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU), Germany to name a few. This achievement not only reflects their intellectual capabilities but also underscores their potential to make impactful contributions to their chosen fields on a broader stage. To add to RUAS's glory one Mr. Arya Advaith, a B.Sc. Chemistry (Hons) graduate at RUAS, has been awarded the prestigious Erasmus Mundus scholarship for M.Sc. in Theoretical and Computational Chemistry at KU Leuven, Belgium.

Internships

Several students from both undergraduate and postgraduate programs spread across several faculties have demonstrated their exceptional capabilities by successfully securing and completing internships with institutes of great repute. A total of 294 internships were completed in the last academic year. These internships serve as a testament to their academic excellence and practical skills. From internships at renowned companies like Toyota, L&T, TVS, Goodwill Fabrics, P. B Productions, Aditya Birla, Apollo Hospital, Manipal Hospital, Carl Zeiss, Pfizer to engagements with esteemed institutions like the DRDO, Institute of Science (IISC), JNCASR, IGCAR, ICMR Bengaluru, ICMR Chennai these students have showcased their dedication to real-world learning experiences.

of engineering, the depths of pure sciences, and the precision of dentistry, they immersed themselves in these domains with enthusiasm and dedication. These internships not only enriched their academic understanding but also provided them with invaluable hands-on experience, fostering their growth as future professionals in their chosen disciplines. Through these internships, they have not only gained exposure to cutting-edge technologies and industry practices but have also contributed meaningfully to their respective fields. These accomplishments highlight the institute's commitment to nurturing well-rounded professionals who are not only equipped with theoretical knowledge but also possess the practical acumen required to excel in their careers.

Faculty Empowerment

Ramaiah University of Applied Sciences faculty members actively engage in workshops to enhance their expertise. These workshops cover diverse topics, from innovative teaching methodologies to cutting-edge research techniques. Faculty members also participate in workshops conducted externally, enriching their knowledge and networking. This commitment to continuous learning ensures a dynamic academic environment, benefiting both educators and students.

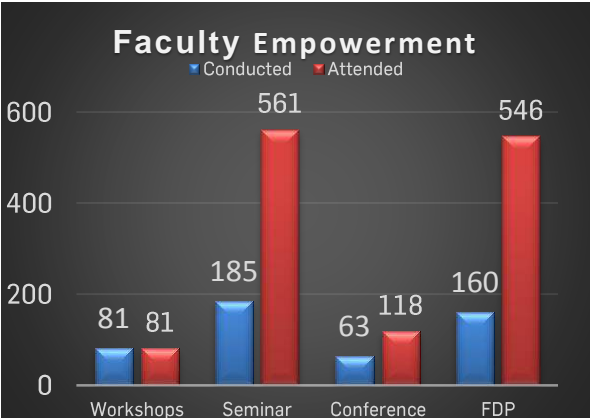
Faculty members play a vital role in knowledge dissemination through seminars. They conduct seminars on subjects ranging from emerging technologies to industry trends, fostering a culture of innovation. Faculty members also attend seminars externally, broadening their perspectives and fostering collaborations. This dedication to staying current and sharing insights enriches the academic environment, benefiting the university community and beyond. Faculty members of Ramaiah University of Applied Sciences actively contribute to academic growth by organizing and participating in conferences.

Academics

These efforts underline the university's commitment to staying at the forefront of academia and promoting robust research culture.

Ramaiah University of Applied Sciences places great emphasis on faculty development programs, both conducted internally and attended externally. These programs enhance teaching methodologies, research capabilities, and leadership skills. Internally conducted sessions enable the sharing of best practices among faculty members, fostering a collaborative environment. Faculty members also actively participate in external development programs, staying updated with the latest pedagogical advancements and industry trends. This commitment to continuous learning equips educators to provide high-quality education, shaping students into competent professionals.

Ramaiah University of Applied Sciences hosts and participates in guest lectures that enrich the academic experience. Faculty members often organize these sessions, inviting experts to share insights on diverse subjects, enhancing students' practical understanding. Additionally, faculty members attend guest lectures by industry leaders and scholars, broadening their own knowledge and networking. These interactions bridge the gap between academia and the real world, fostering a holistic learning environment. Through guest lectures, the university cultivates industry-relevant skills and nurtures a spirit of curiosity among both educators and learners.

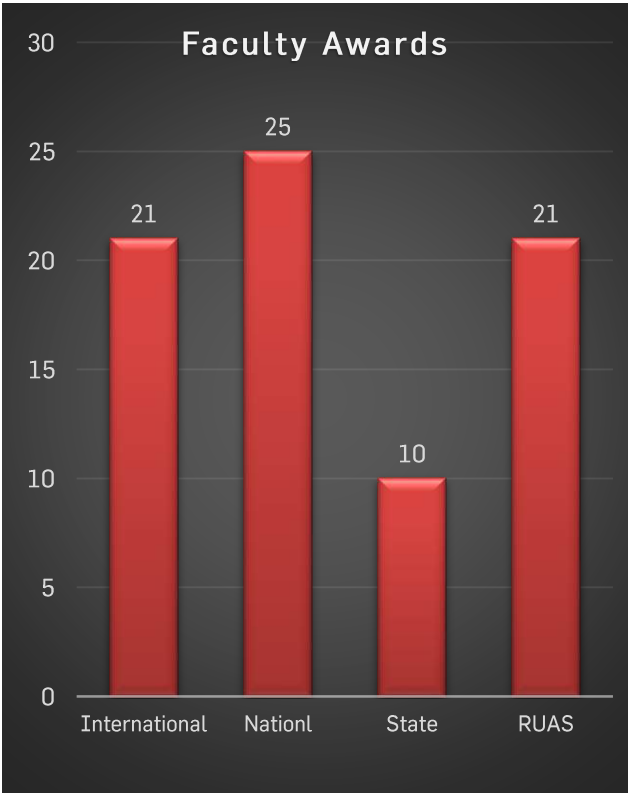


Faculty Awards

Ramaiah University of Applied Sciences has garnered prestigious faculty awards, affirming its commitment to academic excellence. These accolades recognize the institution's exceptional educators who blend theory with practice, fostering industry-ready graduates.

The awards commend the faculty's innovative pedagogical approaches, impactful research, and contributions to their respective fields. Such recognition not only elevates the university's reputation but also underscores its dedication to producing skilled professionals.

Ramaiah University's consistent attainment of faculty awards showcases its role as a hub for advanced learning and highlights its vital role in shaping the future of applied sciences education.





RESEARCH

Exploring Research Collaboration

Dr Krishnamurthy Jayanna, Professor and Dean, FLAHS & Dean, Office of Research visited University of Manitoba, Winnipeg, Canada and University at Albany, New York State, U.S.A in the month of May 2023 (between 4th and 23rd) to deliver lectures and for meetings with researchers and leadership teams at these universities. Ramaiah University is a part of consortia led by University of Manitoba along with University of Nairobi, Kenya and University De Antioquia, Columbia that offer a Global Health Training Program to PhD and post-doctoral fellows across these four countries.

As part of the annual program (Ecology of Infectious Diseases) offered by UoM for 2023, Dr Krishnamurthy Jayanna was invited as a resource person to deliver a lecture on 'Implementation Science'. In addition, he met with Dr Keith Fowl, Prof and Head, Medical Microbiology; Dr. Javier Mignone, Community Health Sciences, Dr Mario Pinto, Vice President, Research and international and others to discuss collaborative projects and funding to sustain the global health training program. As a follow up, there is an application to Canada Biomedical Research Funding grant to secure funds to develop a program aimed at building capacities in dealing with pandemic preparedness and infectious disease programs.

At University at Albany, Dr Jayanna had meetings with Dr Kesavdas Thenkurusy, VP, Research and Economic Development who was instrumental in organising meetings with UatAlbany scientists and researchers. He met Dr Dola Saha, Professor in Electrical and Computer Engineering, Dr Justino John, Professor in Public Health and Director, Global Health and Dr Mary Gant, Dean of School of Public Health and their team members. Dr Justino also organised meetings with Directorate of NY state department of Health where Dr Jayanna made a presentation of RUAS and its research expertise.

He visited Wadsworth lab where he met the director and the leadership team, Dr Leonardo, Dr Kathleen and other scientists to discuss potential collaborative opportunities. A meeting with Dr Satyen, AVP, Research and Dr Kesh concluded in discussion of developing a MOU and starting off few projects with experts in Public Health and Engineering. Following the visit, Dr Jayanna has facilitated two follow up meetings between the engineering and public health teams of two universities, and has initiated discussion on few projects of common interest. As a next step, there will be efforts to formalise the engagement and kick-start preparatory activities toward a productive collaborative engagement between the two universities.



Research, Publications And Innovation

As a comprehensive and multi disciplinary university, RUAS embraces research and Innovation eco-system through four verticals namely : Academics, Research, Training & Life Long Learning and Consultancy.

Research Thrust Areas

Through commitment to address the pressing challenges of recent times and keeping with the global trend, the 13 faculties of the University have identified focused areas of research. Faculty and student research including dissertations are aligned within these thrust areas. Some of the thrust areas of faculty is as under:

Health Sciences

- Cancer – cellular and at population level
- Non communicable disease including oral health, infectious diseases,
- Geriatric health, health promotion, drug discovery and dietary technologies,
- AI and ML for health care, Biomaterials

Engineering Sciences

- AI and ML, Augmented and Virtual reality, interdisciplinary research on biomedical imaging, Robotics, Aircraft and spacecraft control and stability
- Renewable energy, Antenna Phased arrays, Biomedical signal processing and instrumentation, Frontier analysis, Quantum optics,
- Energy storage, textiles, design, product development

Social Sciences:

- Logistics and supply chain management
- Cyber securities
- Investment and portfolio analysis, circular economics, content marketing, consumer behavior,
- Sustainable development in hospitals and tourism industry, Ecotourism

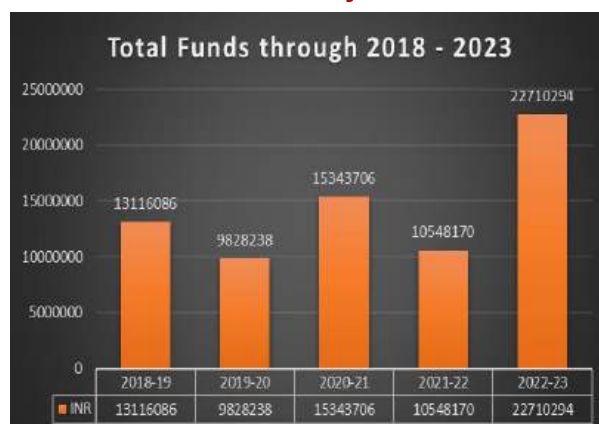
Grants Sponsored: External And Internal Funds Received

Funds for conducting research have been applied and granted from Karnataka State Council for Science and Technology(KSTSC); The Indian Council of Medical Research (ICMR); The Vision Group On Science And Technology(VGST); Science and Engineering Research Board(SERB), World Bank, Dept. of Handloom Textile, GoK; Life Sciences Research Board(LSRB) of Defense Research and Development Organisation(DRDO) and many other notable agencies.

There has been a gradual rise in the amount of external funds received for research. Between July 2022 to June 2023, the total fund received was 5.72 Cr.



Trends in Total Funds Received for Research and Consultancy



Research, Publications And Innovation

Internal Grants Sponsored : Seed Money for Research

To ensure support of preliminary research and to nurture research culture among the Faculty members of the university the seed money is provided by the University. By virtue of this initiative, the Faculty Members can pursue preliminary research and obtain an exposure in handling funded projects. On the other hand, the RUAS Community are motivated to carry out contemporary and inter-disciplinary research.

| Name of Faculty | Total Approved | Approved Budget in INR Lakhs |
|-----------------|----------------|------------------------------|
| FMC | 03 | 09.00 |
| FET | 20 | 66.42 |
| FMPS | 06 | 23.65 |
| FAD | 02 | 07.61 |
| FLAHS | 08 | 37.54 |
| RMC | 08 | 25.57 |
| FDS | 10 | 25.79 |
| RINER | 18 | 15.80 |
| FPH | 05 | 13.37 |
| RPT | 06 | 12.52 |
| Total | 86 | 257.04 |

Publications - July 2022 to June 2023

Our faculty members have published research papers in noteworthy national and international journals. The faculty members of various faculties have contributed to **31 book chapters**. There were also **81** research works which were presented in national and international conferences.

Publications for the period (up to June 2023): Source – RESEARGENCE*

| Database | Numbers |
|------------------------------------|---------|
| SCOPUS WOS | 1009 |
| Others (Pubmed, IEEE, ICI, UGC) | 468 |
| Total publications until June 2023 | 597 |
| Total publications so far | 4522 |
| H-index (Scopus) | 42 |

** RUAS has collaborative publications with over 100 institutions (local and international) as reflected in the SCOPUS database.

Research, Publications And Innovation

Publications in Q1 & High Impact Factor Journals

- 1) Effect of High-Anisotropic Co²⁺ Substitution for Ni²⁺ on the Structural, Magnetic, and Magnetostrictive Properties of NiFe₂O₄: Implications for Sensor Applications Mudalagiriappa Satish, Hadonahalli Munegowda Shashanka, Sujoy Saha, Keerthi Haritha, Debabrata Das, Pendaranahalli Nadikeraiah Anantharamaiah, and C. V. Ramana ACS Applied Materials & Interfaces 2023 15 (12), 15691-15706 DOI: 10.1021/acsami.2c23025 (Impact factor = 10.38, Scopus Q1)
- 2) Ghosh, T., Mohammed, Y., Murahari, M., Samual, S.E., Deveswaran, R. and Basavaraj, B.V., 2023. Vanillin based crosslinked films of CMCh-PVA for wound healing application. Journal of Drug Delivery Science and Technology, 83, p.104400., (Impact factor = 5.062, Scopus, Q1)
- 3) Faghy MA, Yates J, Hills AP, Jayasinghe S, da Luz Goulart C, Arena R, Laddu D, Gururaj R, Veluswamy SK, Dixit S, Ashton REM. Cardiovascular disease prevention and management in the COVID-19 era and beyond: An international perspective. Prog Cardiovasc Dis. 2023 Jan-Feb;76:102-111. doi: 10.1016/j.pcad.2023.01.004.- (Impact factor = 11.278, Scopus Q1)
- 4) Sanal Kumar, V.R., Sundararam, B.R., Radhakrishnan, P.K., Chandrasekaran, N., Choudhary, S.K., Sankar, V., Sukumaran, A., Rajendran, V., Rafic, S.A.R.M., Panchal, D. and Raj, Y., 2022. In vitro prediction of the lower/upper-critical biofluid flow choking index and in vivo demonstration of flow choking in the stenosis artery of the animal with air embolism. Physics of Fluids, 34(10). (Impact Factor: 4.98, Scopus Q1)
- 5) Sanal Kumar, V.R., Sundararam, B.R., Radhakrishnan, P.K., Chandrasekaran, N., Choudhary, S.K., Sankar, V., Sukumaran, A., Rajendran, V., Rafic, S.A.R.M., Panchal, D. and Raj, Y., 2022. In vitro prediction of the lower/upper-critical biofluid flow choking index and in vivo demonstration of flow choking in the stenosis artery of the animal with air embolism. Physics of Fluids, 34(10). (Impact Factor: 4.98, Scopus Q1)
- 6) Anand A, Subramanian M, Kar D. Breeding techniques to dispense higher genetic gains. Front Plant Sci. 2023 Jan 19;13:1076094. doi: 10.3389/fpls.2022.1076094. PMID: 36743551; PMCID: PMC9893280, (Impact factor = 6.62, Scopus Q1)
- 7) Khatri, S., Mathew, S., Nagaraja, S., Hegde, S., Ghosh, S. and Ravichandran, K., 2023. Comparative evaluation of pH and Ca⁺ ion release from MTA on interaction with platelet-rich fibrin and blood clot: an in vitro study. F1000 Research, 12(364), p.364. (Impact factor = 0.939, Scopus Q1)
- 8) Jairam, L.S., Chandrashekar, A., Prabhu, T.N., Kotha, S.B., Girish, M.S., Devraj, I.M., Shri, M.D. and Prashantha, K., 2023. A review on biomedical and dental applications of cerium oxide nanoparticles—Unearthing the potential of this rare earth metal. Journal of Rare Earth. (Impact factor = 4.632, Scopus Q1)
- 9) Kedlaya, M.N., Puzhankara, L., Prasad, R. and Raj, A., 2023. Periodontal Disease Pathogens, Pathogenesis, and Therapeutics: The CRISPR-Cas Effect. The CRISPR Journal, 6(2), pp.90-98. Impact factor = 4.321, Scopus Q1)
- 10) Dhanabalan, KM, Dravid, AA, Agarwal, S, Sharath, RK, Padmanabhan, AK, Agarwal, R. Intra-articular injection of rapamycin microparticles prevent senescence and effectively treat osteoarthritis. Bioeng Transl Med. 2023; 8(1):e10298. doi:10.1002/btm2.10298 (Impact factor- 10.68 Q1)

Research, Publications And Innovation

- 11) Gupta, D., Gupta, H., Patel, A., Dugani, P., Pradeep, R., Mehta, A., Javali, M., Acharya, P.T. and Srinivasa, R., 2022. Teaching Video NeuroImage: Slow Axial Myoclonus in Subacute Sclerosing Panencephalitis. *Neurology*, 99(19), pp.864-865. (Impact factor-11.8 Q1)
- 12) Philip, C.C., Selvarajan, S., Nayak, L., Jain, H., Kulkarni, U.P., Samuel, P., Agrawal, N., Kayal, S., Mishra, K., Das, S. and Pk, J., 2022. Acute myeloid leukemia during the COVID pandemic: impact and the indian experience. *Blood*, 140(Supplement 1), pp.8127-8128. (Impact factor- 25.48, Q1)
- 13) Abraham, A., Jain, H., Bhattacharyya, J., Biswajit, D., PK, J., Bhurani, D., Bala, S.C., Pramanik, S., Devadas, S., Kulkarni, U.P. and Sengar, M., 2022. Low dose dasatinib is not as active in a CML CP cohort enriched with intermediate/high-risk CML chronic phase: A phase IIb multi-center trial. *Blood*, 140(Supplement 1), pp.6789-6790. (Impact factor- 25.48, Q1)
- 14) Sengar, M., Korula, A., Ganesan, P., Rajendra, A., Jain, H., Samuel, P., PK, J., Prakash, G., John, M.J., Palassery, R. and Nair, C.K., 2022. Prognostic Factors and Outcomes of Adolescent and Adult Burkitt Lymphoma and Leukemia from a Low-Middle Income Country: An Experience from Hematology Cancer Consortium. *Blood*, 140(Supplement 1), pp.6687-6689. (Impact factor- 25.48, Q1)
- 15) Singh, S., Lionel, S., Jain, H., Nayak, L., Selvarajan, S., Samuel, P., Ahmed, R., Agrawal, N., Ds, P., Byreddy, P. and M John, J., 2022. Real World Data on Unique Challenges and Outcomes of Older Patients with AML from Resource Limited Settings: Indian Acute Leukemia Research Database (INwARD) of the Hematology Cancer Consortium (HCC). *Blood*, 140(Supplement 1), pp.6096-6098. (Impact factor- 25.48, Q1)
- 16) Dhar, R., Singh, S., Talwar, D., Mohan, B.M., Tripathi, S.K., Swarnakar, R., Trivedi, S., Rajagopala, S., D'Souza, G., Padmanabhan, A. and Archana, B., 2023. Clinical outcomes of bronchiectasis in India: data from the EMBARC/Respiratory Research Network of India registry. *European Respiratory Journal*, 61(1). (Impact factor- 33.8 Q1)
- 17) Bhaskaran, P., Prasad, V., Gopinathan, A., Shaw, T., Sivadas, S., Jayakumar, C., Chowdhury, S., Dravid, A., Mukhopadhyay, C. and Kumar, A., 2022. *Burkholderia pseudomallei* in environment of adolescent siblings with melioidosis, Kerala, India, 2019. *Emerging Infectious Diseases*, 28(6), p.1246. (Impact factor- 16.13)
- 18) Shaw, T., Assig, K., Tellapragada, C., Wagner, G.E., Choudhary, M., Göhler, A., Eshwara, V.K., Steinmetz, I. and Mukhopadhyay, C., 2022. Environmental factors associated with soil prevalence of the melioidosis pathogen *Burkholderia pseudomallei*: a longitudinal seasonal study from South West India. *Frontiers in Microbiology*, 13, p.902996. (Q1 Impact Factor : 6.064)
- 19) A V S SK, Sinha S, Donakonda S. Virus-host interaction analysis in colorectal cancer identifies core virus network signature and small molecules. *Comput Struct Biotechnol J*. 2022 Jul 28;20:4025-4039. doi: 10.1016/j.csbj.2022.07.040. PMID: 35983230; PMCID: PMC9356043. (Q1 Impact Factor : 6.0)
- 20) Jayanna, K., Rao, S., Kar, A., Gowda, P.D., Thomas, T., Swaroop, N., Washington, M., Shashidhar, A.R., Rai, P., Chitrapu, S. and Mohan, H.L., 2023. Accelerated scale-up of kangaroo mother care: evidence and experience from an implementation-research initiative in south India. *Acta Paediatrica*, 112, pp.15-26. (Impact Factor: 4.056)

Research, Publications And Innovation

The RUAS Fellowship (JRF/SRF and PDFs) aims to boost the number of full-time research scholars. The "RUAS-JRF/SRF and PDF" scheme offers fellowships to meritorious Ph.D. applicants and post-doctoral scholars across all RUAS faculties/schools.

This initiative is expected to bring several intangible benefits, such as reducing faculty workload, increasing time for research, enhancing the number of publications and patents, attracting high-quality Ph.D. students, securing grants from funding agencies, fostering a scholarly ecosystem, improving research perception, encouraging multidisciplinary research, and promoting participation in academic events.

The aim of the Fellowship is to attract outstanding scholars from India and abroad to make RUAS a research-intensive university within the next five years.

Number of Junior and senior research fellows approved [PhD] - 2022-2023

| | June 2022 | January 2023 |
|--------------|-----------|--------------|
| JRF | 30 | 11 |
| SRF | 02 | 01 |
| Total | 32 | 12 |

Training and Capacity Building Program

The Research and Patent Division hosts training workshops for in-house faculty, focusing on enhancing their research skills. These workshops cover topics like grant writing, BMJ publication procedures, JMP software training, and fundamental statistics applications, all aimed at improving research knowledge and proposal writing capabilities.

Training programs and workshops conducted by the division of research and patents 2022-2023

| TRAINING | SPEAKERS |
|---|---|
| BMJ Database Training Program | Mr. Anand & Ms. Pooja (External) |
| Manuscript writing & Plagiarism | Dr. B S Nandakumar, Dr. Akshay Rao, Marketing Head (Drillbit) |
| JMP Software Training - I | Mr. Muralidhara |
| Grant Writing Workshop | Dr. Nandakumar B S, Dr. Thanuja G P, Dr. Sundar Kumar Veluswamy |
| Workshop on Research Methodology | Dr. Nandakumar B S, Dr. Suman, Dr. Shivraj S |
| JMP workshop | Dr. Muralidhara Mr. NS Shivaraj |
| Seminar on Ethics in Research | Dr. Reetu Singh, Dr. Anuradha, Dr. Nandakumar B S |
| Seminar on Project proposal writing for multi-disciplinary projects | Dr. Harshavardhan Rao, |
| Fundamentals of statistical applications using JMP software - II | Mr. Muralidhara |

Research week was celebrated from 13th to 15th October 2022



Patents

Patents safeguard innovation. RUAS empowers faculty by providing guidance and resources, fostering a culture of innovation, and supporting their patent endeavors. Among the intellectual property efforts at RUAS institution, there have been 39 patents filed, and among those, 16 have been successfully granted.

| Sl No | Title | Patent Grant Number |
|-------|--|--|
| 1 | Bandage for sustained drug delivery | Granted Application, Patent Number: 404047 |
| 2 | Device cache - A caching system for a sensor as a service | Granted Application, Patent Number: 408515 |
| 3 | Methods and apparatus for MIMO, MIMO-DBF, OFDM, MIMO-OFDM, MIMO-OFDM-DBF communication system | Granted Application, Patent Number: 408577 |
| 4 | Method, system for personalized keyfob | Granted Application, Patent Number: 408572 |
| 5 | Controlled release bisphosphonate loaded mucoadhesive delivery system for osteoporosis | Granted Application, Patent Number: 409090 |
| 6 | Compression coated muco-adhesive pamidronate disodium buccal compacts for improving bone microarchitecture | Granted Application, Patent Number: 409662 |
| 7 | Nano drug mediated ocular inserts for eye disorders | Granted Application, Patent Number: 411699 |
| 8 | A module for direct communication between black box of an aircraft with air traffic controller and satellite | Granted Application, Patent Number: 413749 |
| 10 | Method, system and apparatus for multi-sensor data fusion based efficient crash detection in automobiles | Granted Application, Patent Number: 418499 |
| 11 | A wireless sensor network-manet-internet based symbiotic application scenario | Granted Application, Patent Number: 422996 |
| 12 | Nanocomposite functionalized polymeric scaffold for skin tissue | Granted Application, Patent Number: 429773 |
| 13 | Mav navigated ugv | Granted Application, Patent Number: 433458 |
| 14 | Nano calcium fortification to augment nutritional value | Granted Application, Patent Number: 433784 |
| 15 | Driver monitoring system for harsh acceleration and deceleration performance | Granted Application, Patent Number: 441847 |
| 16 | Novel bio active theobromine composite resin | Granted Application, Patent Number: 441872 |

Research

Consultancy for projects

The University is committed to delivering innovation and drive partnerships where expertise among the rich community of researchers and faculty members is targeted towards providing real world solutions. The consultancy services provided by the Techno centre team has attracted partnerships from leading government and private organizations such as BEL, ADA, NPOL, Entec engineering Pvt. Ltd, etc. These specialized research consultancy services have generated a steady revenue stream for the University at Rs. 1,13,08,760 from 15 projects, during the year 2022-23. This aims at driving the progress of the University towards its visions of achieving excellence in research and innovation with a truly multidisciplinary focus that harnesses the rich scientific diversity present among the various faculties of the University.

Collaborations/MOU for Research: Academic/Industry

MSRUAS has been actively pursuing a policy of extension with leading international and national universities and industries to foster an environment of scientific partnership aimed at synergizing academic excellence with real world applications. The policy cultivates a dynamic ecosystem that promotes innovation in multidisciplinary approaches that aim at providing novel solutions to the most complex challenges faced by the world in these times of climate change and the post-pandemic era.

The policy aims to develop a mutually beneficial system that drives societal impact by providing novel solutions that work at the ground level and enhance national and international quality of life.

Top collaborators:



L&T Technology Services

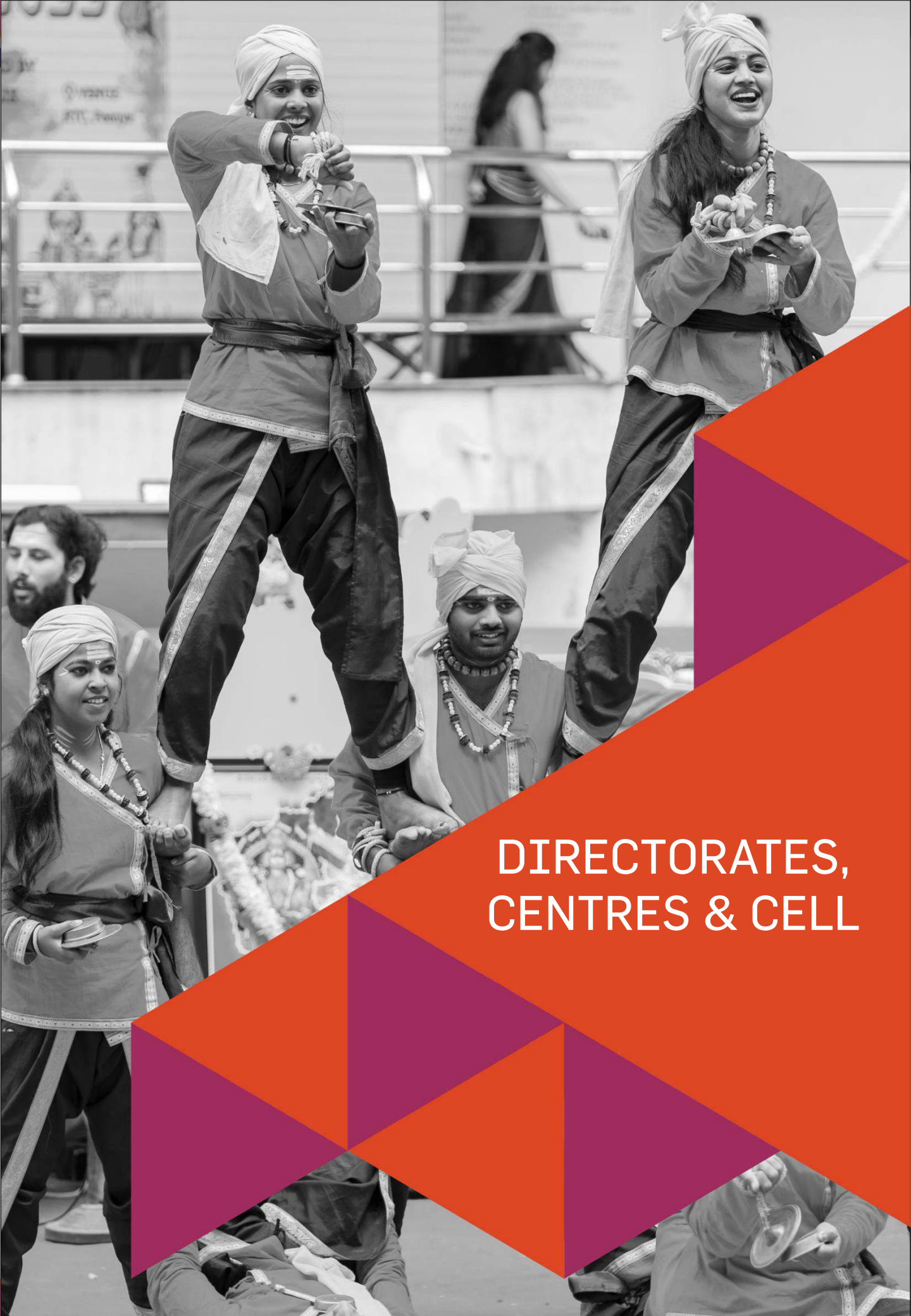


**GHEENT
UNIVERSITY**

1. King Faisal hospital, Rwanda for student /faculty exchange program and collaborative research
2. RINER and B.L.D.E.A's Shri B. M. Patil Institute of Nursing Sciences, Vijayapura for collaborative research.
3. School of Nursing, Montana State University, USA for student exchange program
4. Ghent University Faculty of Medicine and Health Sciences for student and staff exchange for the year 2022-23 upto 26-27.
5. University of Ghent, Belgium has facilitated exchange of students for clinical exposure to Physiotherapy in Pediatrics, Cardio-Respiratory and Musculoskeletal Physiotherapy
6. ISDC Projects India Pvt Ltds offering ACCA Certificates for BCom Students, CMA Certificate for BBA Students
7. ISDCI International skill development corporation for professional and vocational education
8. Ghana community technology University students for persuing their research studies
9. UIC Texas A & M Students and Faculty exchange Programe and collaborative research initiative
10. Industrial Collaboration with- Mann and Hummel, Faurecia, Gas Turbine Research Establishment, Aeronautical Development Establishment
11. Ural Federal University, Ekaterinburg, Russia and Ramaiah University of Applied Sciences from the year 2023 to 2026.
12. UCAM India Pvt. Ltd, Bangalore Machine Tool Manufacturers Network (BMTMN), Peenya Industrial Association
13. MoU with Pride Hotels - Hands on training Vocational educational programmes, Development of SOP and Service quality model
14. Group Pharmaceuticals, Bangalore
15. Indovedic Nutrients Pvt. Ltd, Bangalore, SPI Pharma, Bangalore, FibroHeal Ltd, Bangalore, Jubilant Pharma Ltd, Bangalore, BioPlus Ltd, Bangalore, Meyer Organics Ltd, Bangalore
16. IEEE Technology and Engineering Management Society –INDIA- Certification program on Technology and Innovation Management for Industry delegates
17. Army 515, Headquarters Army Training Command (hereinafter referred to as HQ ARTRAC) Shimla-

MoUs

18. Collaborative Research and Indigenous Development Outcome- 5 PG projects has come out of it.
19. L& T technology services limited- Joint design, Development and Delivery of Trainings using Laboratory, Joint Design and Development of Higher Education Programs, Create Statement of Work (SOW) for specific Project work, Collaboration in Setting up labs University / Institute Premises Outcome: Six students from M.Tech (DSE-3 & AIML – 3) got selected in L & T Technology Services Ltd and completed their internships. Four students joined for Job.
20. Project Management Associates- The collaboration aims at delivering Course on Project Management for Post Graduate Students of RUAS from the academic year 2022-2023. At the end of the Course, the students have the option to obtain IPMA Level D Certification in Project Management, Outcome- 13 PG Students enrolled by VAC
21. Bangalore Machine Tools Manufacturers Network- Dissemination of Academic Information, Conducting joint Workshop/Seminar on Topics of Engineering, Technology and Management, Collaborative research and projects in the area of Mechanical, Electrical, Electronics, Software, Product Design and other allied fields, Research review, consultancy, mentoring and guidance in the areas of Mechanical, Electrical, Electronics, Software, Product Design and other allied fields, Development of various multiscale simulation models, Transfer of technology for Developed Products to Industries, Utilization of Research Facilities
22. Mobility India- Human subjects facilitation for Bionic arm project, validation for collaborative project
23. Aircraft- Indo –Australian satellite programme- Joint proposal development of subsystems and technology
24. MANT- Student internships and placement for MPH students, collaborative research in tribal health, MPH specializations and fellowships, certificate courses in Tribal health
25. University of Derby- Research and academic MOU



DIRECTORATES,
CENTRES & CELL

RUAS

- Centre For Professional Development and Training
- Directorate of Transferable Skills and Leadership Development
- Directorate of Training and Lifelong Learning
- Directorate of Student Affairs
- Internal Quality Assurance Cell
- Techno Centre
- Ramaiah Technology Business Incubator
- Centre for Entrepreneurship
- Institution's Innovation Council

Centre For Professional Development and Training (CPDT)

Preamble of Directorate:

The Centre for Professional Development and Training has the mission to cater to the professional development and training needs of the Faculty, Technical, Administrative and Leadership. CPDT will focus on Human Resources Development, including skills and vocational training. Create a platform for providing a learning experience for the students and an effective teaching experience for the faculty. Conduct faculty induction programs, faculty development programs, and professional training for teaching and non-teaching and administrative staff of the university. The focus would also be on developing and strengthening in-house resource persons and collaborating with agencies specialised in training. Aim to take up the activities which would aid in the Centre evolving into a Human Resources Development Centre and catering to the needs of RUAS and other institutions in the region. It aims at taking steps to work towards establishing the Department of Educational Administration, aligning with the implementation of NEP. It is also proposed to harness the university's strengths to enhance Corporate Training Programs.

Directorate Activities:

The academic institutes aim to impart training to aspiring students, conduct research, and contribute to managing the institutes. Faculty has the role of imparting teaching to make learning effective. At Ramaiah University of Applied Sciences, a series of Faculty Development Programs are being organised under the auspices of the Centre for Professional Development and Training.

Highlights and Achievements:

- Two FDPs for the faculty across the disciplines and one FDP orienting the newly joined faculty of the university have been conducted.
- Along with Office of Academic Affairs, NEP working committee at RUAS, a Master Trainer Series on NEP 2020 was conducted.
- To bring awareness about science communication, an interactive session was organised in collaboration with Department of Chemistry.
- A Training Program for the Secretaries & Executive Assistants was organized.
- To equip and train the faculty in grant writing, a three-day Grant Writing Workshop for the faculty members at RUAS was conducted along with the Office of the Research and Innovation.

Following activities were conducted:

| Activity | Nos. |
|-----------------------------------|------|
| FDP s | 3 |
| Trainiong Program for Staff | 1 |
| RUAS Master Trainer Series on NEP | 1 |
| Expert Lectures and Discussion | 3 |
| Workshop | 1 |

Teaching, Research and Empowering (TReE):

TReE (Teaching, Research and Empowering the Faculty), the first in the series, was organised (in blended mode) from 20-24th February 2023. TReE aims to provide this opportunity; expert and experienced faculty from reputed academic institutes and the RUAS have delivered talks in various sessions. It is a Five-day (30 hour) Faculty development program was conducted during 20-24 February 2023. Faculty members from all the faculties across the University attended. The program was conducted in a blended mode.

Teaching, Research and Empowering (TReE-2):

The second in the series, a Fifteen-day (30 hour) Faculty development program was conducted during 13-31 March 2023. Faculty members from all the faculties across the University attended. The program was conducted in a virtual mode. Eminent speakers from within and outside delivered the lectures.

Teaching, Research and Empowerment for Young Faculty (new TReE):

An FDP is organised for the newly recruited faculty with a focus on orienting the newly recruited faculty. The sessions addressed common themes across the faculties. The program will continue and session specific to their discipline/faculty will be organised subsequently.

Starting the training programs for the administrative and non-teaching staff, the first in the series for the administrative staff was organised.

TraNsPoSe (Training Program for the Secretaries & Executive Assistants):

A one-day training program for all the secretaries and Executive Assistants working at the University (HoD's office, Deans & Directors' offices, PVCs and VC's office). 8th July 2023.

RUAS Master Trainer Series on NEP

The first in the series, a day long program with focus on NEP and its implementation at the University. Senior Faculty members and HoDs attended the sessions organised along with Directorate of Research, Office of the Academic Affairs, NEP Working Committee of RUAS. The program was conducted on, 11th January 2023.

Expert Lectures and Discussion Meetings: How to become an effective teacher and researcher: Prof JN Reddy, Texas A&M University and member of the Executive Advisory Committee of Gokula Foundation 16th December, 2023.

Know about Effective Science Communication: Dr TV Venkateswarran, Dr Nakul Parashar and Dr Kollegala Sharma Students and faculty members participate in the meeting, 24th April, 2023

Safety and Security of Advanced Nuclear Power Reactors: A Discussion: Dr Sunil S Chirayath, Director, Centre for Nuclear Security Science and Policy Initiatives (NSSPI), Texas A&M University, 3rd March, 2023

Workshops:

Grant-Writing Workshop for Faculty at RUAS: Carrying out research requires strengths, both in terms of identifying emerging domains and having the necessary infrastructure. Another daunting factor is getting financial support for research through grants. When academic institutes are multi-disciplinary, the challenges of fostering collaborations across their specialisation have advantages and challenges too. To equip and train the faculty in grant writing, a three-day Grant Writing Workshop for the faculty members at RUAS was conducted by the Office of the Research and Innovation and Centre for Professional Development and Training during 12-14 July 2023.

CPDT



Directorate of Training and Lifelong Learning (DTLL)

Preamble of Directorate:

The Directorate of Training and Lifelong Learning (DTLL) is the competency wing of RUAS providing an effective platform for enormous exchange of knowledge through carefully designed Reskilling and upskilling programs for fresh graduates and practicing professionals from industry, business and academia through various B. Voc. and PGD programs. It also facilitates a spectrum of tailor-made domain specific corporate training programs to industry. The Directorate facilitates delivery of all the courses through in-house expertise/subject experts/consultants and state of the art laboratories of various Faculties of the University.

Programs coordinated by the Directorate and offered by respective faculty:

Bachelor of Vocational Degree (B. Voc.)

Post Graduate Diploma (PG Diploma)

Corporate Training Program (CTP)

Directorate Activities:

Worked with Statutory /Regulatory bodies to get the required approvals.

Formulating and signing MOUs with companies and NSDC approved training providers- Buhler India Pvt Ltd, Pride Hotels and NTTF.

Discussion with companies to understand training/skill requirements and collaborate to offer skill-based courses – Bosch, Buhler India Pvt Ltd, Indval Technologies, Schueco India Pvt Ltd, System Controls Pvt Ltd.

Supporting marketing team to develop marketing material to promote skill-based courses.

Managing ERP activities related to PG Diploma and B. Voc. courses.

Preparing SAB/PAB documents and issue of certificates.

Coordinating internships and placements for the students with companies - B. Voc. and PG Diploma.

Training Delivery for B. Voc. and PG Diploma students.

Coordinating with in-house/industry subject experts for training delivery.

12 corporate training done on various topics to over 200 delegates.

Proposal on PG Certificate/PG Diploma in Railway Signaling & Telecommunication and Digital Business Management is under discussion with FET & FMC and industry partner.

Submitted Expression of Interest to EPSI/NSDC based on skill courses selected by respective faculty from PMKVY 4.0

Directorate of Training and Lifelong Learning (DTLL)

Highlights and Achievements:

Signed MOUs with Buhler India Pvt Ltd, Pride Hotels and NTTF for B. Voc. courses as per UGC NSQF guidelines.

Received regulatory body approval for B. Voc. courses.

Signed NDA with Maruthi Suzuki Pvt Ltd to start industry-oriented B. Voc. /BBA program

Signed MOU with Schevaran Cleanfix Academy of cleaning Sciences to offer PG Diploma in Facilities Management

Submitted Expression to Interest to EPSI/NSDC to offer Skill based Training Programs under PMKVY 4.0

Number of Students Enrolled for B. Voc. Program for the AY 2022-23

| Sl. No. | Name of the Program | No. of Students |
|---------|---|-----------------|
| 1 | B. Voc. in Culinary Operations | 28 |
| 2 | B. Voc. in Product Design and Modelling | 71 |
| 3 | B. Voc. in Mechatronics | 33 |
| 4 | B. Voc. in Post Harvest Technology | 18 |



Internal Quality Assurance Cell (IQAC)

In pursuance of its Action Plan for performance evaluation, assessment and accreditation and quality up-gradation of institutions of higher education, the National Assessment and Accreditation Council (NAAC), Bangalore proposes that every accredited institution should establish an Internal Quality Assurance Cell (IQAC) as a quality sustenance measure.

Since quality enhancement is a continuous process, the IQAC will become a part of the institution's system and work towards realisation of the goals of quality enhancement and sustenance.

The prime task of the IQAC is to develop a system for conscious, consistent and catalytic improvement in the overall performance of institutions. For this, during the post-accreditation period, institutions need to channelize its efforts and measures towards promoting holistic academic excellence including the peer committee recommendations.

The work of the IQAC is the first step towards internalization and institutionalization of quality enhancement initiatives.

Its success depends upon the sense of belongingness and participation in all the constituents of the institution. It will be a facilitative and participative voluntary system/unit/organ of the institution. It has the potential to become a vehicle for ushering in quality enhancement by working out planned interventionist strategies by IQAC to remove deficiencies and enhance quality.

IQAC – Vision:

To promote quality culture as the prime concern of Higher Education Institutions through institutionalizing and internalizing all the quality-enhancing and sustaining initiatives taken with internal and external support.

Objectives:

To develop a mechanism to promote conscious, consistent and catalytic action plans to improve the academic and administrative performance of the institution.

To promote institutional quality enhancement and sustenance through the internalization of quality culture and institutionalization of the best practices.

IQAC shall evolve mechanisms and procedures for

Ensuring timely, efficient and progressive performance of academic, administrative and financial units.

Adoption of relevant and quality academic and research programmes.

Ensuring equitable access to and affordability of academic programmes for various sections of society.

Optimization and integration of modern methods of teaching and learning.

Ensuring credible assessment and evaluation processes.

Sharing of research findings and networking with other institutions in India and abroad.

Internal Quality Assurance Cell (IQAC)

Functions of IQAC:

Development and application of quality benchmarks

Setting Parameters for various academic and administrative activities of the institution.

Facilitating the creation of a learner-centric environment conducive to quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process.

Collection and analysis of feedback from all stakeholders on quality-related institutional processes.

Dissemination of information on various quality parameters to all stakeholders.

Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles.

Documentation of the various programmes/activities leading to quality improvement.

Acting as a nodal agency of the Institution for coordinating quality-related activities, including adoption and dissemination of best practices.

Development and maintenance of institutional database through MIS for the purpose of maintaining /enhancing the institutional quality.

Periodical conduct of Academic and Administrative Audit and its follow-up

Highlights:

- Accreditation, Recognitions and Approvals:
- AICTE Extension of Approval for the year 2023-24 for Engineering, Management (MBA) and Hotel Management
- Pharmacy Council of India (PCI) approval for academic year 2023-24
- NMC approval for MBBS
- NBA recognition for the BHM Programme
- All running programs from the Higher Education Department, GoK, and KSHEC
- NIRF Ranking 2023: Dental 14th Rank, Medical 43rd Rank and Pharmacy 65th Rank
- ARIIA 2022 (NIRF Innovation): RUAS Placed in 150 to 300 Band out of 1417 entries
- NAAC SSR work in progress
- NBA Draft Self-Assessment-Report in progress and completed two reviews from leadership team for further improvement and filling of gaps
- AISHE Data upload for the year 2022-23 completed
- QS I-Gauge awarded Ramaiah University of Applied Sciences with a GOLD rating valid till August 2024

A Seminar on NAAC Awareness Programme on Financial Metrics of SSR by Dr. P N Razdan, Principal Advisor, QAEC, GEF(M)

Internal Quality Assurance Cell (IQAC)



All India Council for Technical Education

(A Statutory body under Ministry of Education, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org



APPROVAL PROCESS 2023-24

Extension of Approval (EoA)

F.No. South-West/1-36244310956/2023/EOA

Date: 24-May-2023

To,

The Principal Secretary (Hr. & Tech Education)
Govt. of Karnataka, K. G.S., 6th Floor,
M.S. Building, R. N. 645, Dr. B. R. Ambedkar Road,
Bangalore-560001

Sub: Extension of Approval for the Academic Year 2023-24

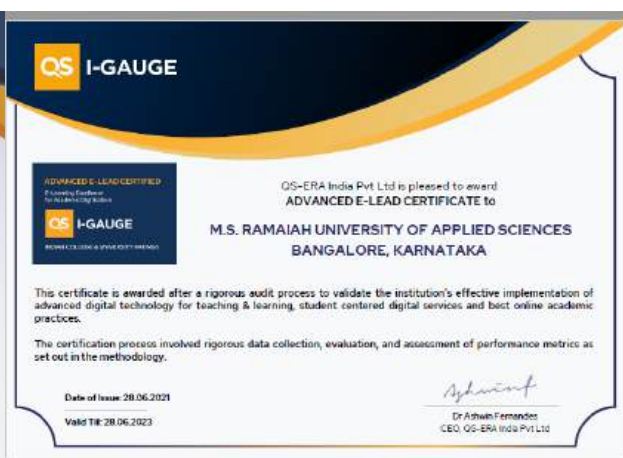
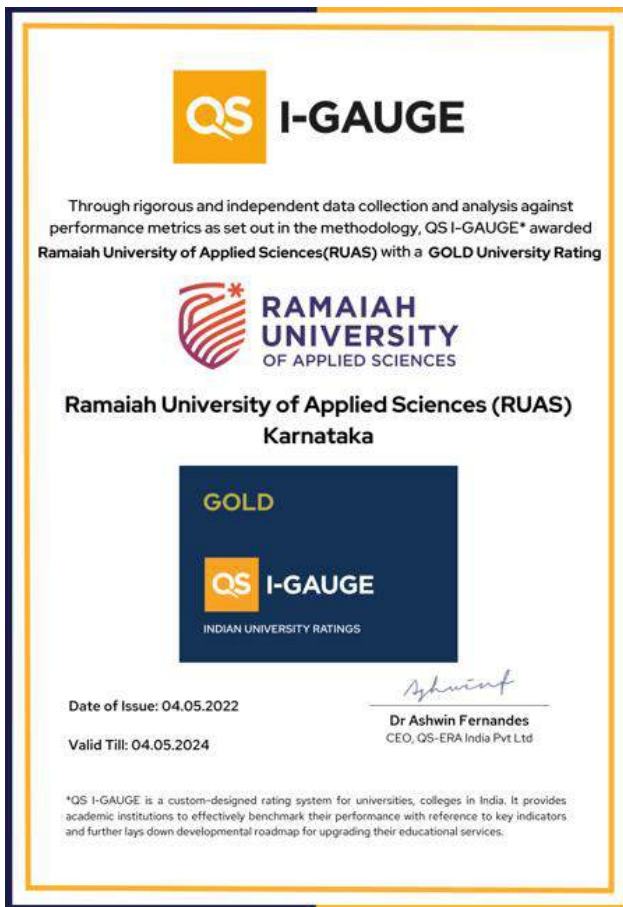
Ref: Online application of the Institution submitted for Extension of Approval for the Academic Year 2023-24

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Education) Regulations, 2020 notified on 4th February 2020 and amended on 24th February 2021 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to:

| | | | |
|-------------------------|--|---------------------------|---|
| Permanent Id | 1-7161814455 | Application Id | 1-36244310956 |
| Name of the Institution | M. S. RAMAIAH UNIVERSITY OF APPLIED SCIENCES | Name of the Society/Trust | GOKULA EDUCATION FOUNDATION (MEDICAL) |
| Institution Address | UNIVERSITY HOUSE, GNANAGANTHRI CAMPUS, NEW BEL ROAD, MSR ROAD, BANGALORE - 560054, BANGALORE, BANGALORE URBAN, Karnataka, 560054 | Society/Trust Address | BANGALORE, BANGALORE URBAN, Karnataka, 560054 |
| Institution Type | State Private University | Region | South-West |
| Year of Establishment | 2020 | | |

Internal Quality Assurance Cell (IQAC)



Internal Quality Assurance Cell (IQAC)

राष्ट्रीय प्रत्यायन बोर्ड

चौथा तल, ईस्ट टावर, एन. बी. सी. प्लेस, भीष्म पितामह मार्ग, प्रगति विहार, लोधी रोड, नई दिल्ली -110003
NATIONAL BOARD OF ACCREDITATION
 4th Floor, East Tower, NBCC Place, Bhisham Pitamah Marg, Pragati Vihar, Lodhi Road, New Delhi 110003



File No.- 25-237-2021-NBA

Date: 22-12-2022

To,
 The Dean
 M.S Ramaiah University of Applied Sciences,
 Bangalore Urban, Karnataka-560054

Subject: Accreditation status of Hotel Management program applied by M.S Ramaiah University of Applied Sciences, Bangalore Urban, Karnataka-560054.

Sir,

This has reference to your Application ID No. 6167-13/12/2021 seeking accreditation by National Board of Accreditation to the UG-Hotel Management program applied by M.S Ramaiah University of Applied Sciences, Bangalore Urban, Karnataka-560054.

2. An Expert Team conducted onsite evaluation of the program from 05th to 07th August, 2022. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The Competent Authority in NBA has approved the following accreditation status to the program as given in the table below:

| S. No. | Name of the Program(s) (UG) | Basis of Evaluation | Accreditation Status | Period of validity | Remarks |
|--------|-----------------------------|---------------------|----------------------|---|--|
| (1) | (2) | (3) | (4) | (5) | (6) |
| 1. | Hotel Management | May, 2018 Document | Accredited | Academic Years 2022-2023 to 2024-2025 i.e. up to 30-06-2025 | Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the Competent Authority, whichever is earlier. |

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

Institution's Innovation Council

Startups Incubated:

| | | |
|--------------------------|--|--------------|
| Mr. Srinivas Vageeshwari | Vikasit Ecosystem Pvt. Ltd. | IoT, ESD & M |
| Mr. Utsav Basak | Clingon Marketplace Pvt. Ltd. | AI & IoT |
| Mr. Kiran C. Karpur | Printalytics Pvt. Ltd. | IoT |
| Mr. Prashanth S. B. | A3 Digitas Technologies Pvt. Ltd. | AI & IoT |
| Mr. Suresh Chandran | Chandran Sharma and Subramaniam Technology License | IoT |

Institute's Innovation Council (IIC)

Ministry of Education, Govt. of India has established an 'Innovation cell' with a purpose of systematically fostering the culture of Innovation in all Higher Education Institutions (HEIs) across the country.

MIC will also work on designing ranking system to identify institutions in the forefront of

Innovation MIC has envisioned encouraging creation of 'Institution's Innovation Council (across selected HEIs).

A network of these IICs will be established to promote innovation in the Institution through multitudinous modes leading to an innovation promotion eco system in the campuses.

IICs is a faculty experts student council which takes on multiple activities to promote Innovation and Entrepreneurship round the year.

IIC's objective is to prepare the students with skills like critical thinking, Design Thinking, Innovative thought process and Entrepreneurial mind-sets.

Focus And Functions

To create a vibrant local innovation ecosystem.
To set up Start up supporting Mechanism in HEIs

Establish Function Ecosystem for Scouting Ideas and Pre incubation of Ideas.

Prepare institute for Atal Ranking of Institutions on Innovation Achievements Framework.

Develop better Cognitive Ability for Technology Students.

To conduct various innovation and entrepreneurship related activities prescribed by Central MIC in time bound fashion.

Organize periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and create a mentor pool for student innovators.

Network with peers and national entrepreneurship development organizations.

Identify and reward innovations and share success stories.

Create an Institution's Innovation portal to highlight innovative projects carried out by institution's faculty and students.

Organize Hackathons, idea competition, mini challenges etc. with the involvement of industries.

MIC IIC Scoring Mechanism

In each Quarter IICs can earn maximum 25 marks for performing minimum prescribed activities in each type of activity which is equivalent to One Star. Fifth Star is reserved for MHRDs Innovation cell and can be earned on exceptional achievements and conducting more than minimum activities in each quarter. REWARD Points: IIC will earn Reward Points for conducting more than prescribed minimum activities (3) in each "activity type".

Institution's Innovation Council

Calendar of Activities



Quarter II (Q2)

- Mentoring Event: Demo Day/Exhibition/Poster Presentation of Innovations/Prototypes & linkage with Innovation Ambassadors/Experts for Mentorship Support - Manage through YUKTI-NIR
- Inter/Intra Institutional Innovation Competition/Challenge/Hackathon and Reward Best Innovations - Manage through YUKTI-NIR
- Field/Exposure visit to pre-incubation units such as Fab Lab, Makers Space, Design Centres, city MSME clusters, workshops, etc
- Session on achieving problem-solution fit and market solution fit
- Workshop on entrepreneurship skill, attitude and behaviour development
- Expert talk on "Process of innovation development and technology readiness level(TRL)" and "Commercialisation of lab technologies and tech transfer
- Organising Innovation & Entrepreneurship Outreach Program in Schools/Community
- Workshop of design thinking, critical thinking, and innovation design

Quarter I (Q1)

- Demo Day/Exhibition/Poster Presentation of Ideas/PoC & linkage with Innovation Ambassadors/Experts for Mentorship Support - Manage through YUKTI-NIR
- Inter/Intra Institutional Idea Competition/Challenge/Hackathon and Reward Best Ideas - Manage through YUKTI-NIR
- Exposure and field visit for problem identification
- Session of problem solving and ideation workshop
- My story – Motivational Session by successful entrepreneur/start-up founder
- My story – Motivational Session by successful innovators
- Workshop on "Entrepreneurship and Innovation as career opportunity"

Center for Entrepreneurship

Centre for Entrepreneurship

Most people think that entrepreneurship is about finding a great idea and taking a plunge into the big, blue ocean of success and money. But starting up is rarely about taking one big leap. It is about trying several not-so-good ideas before the right one. It is about taking many small steps before taking a giant leap. "The Startup Society" at RUAS will be a forum for members to take the small steps and make the giant leaps.

The club will host activities and sessions that help participants develop skills and attitudes that play an essential role in entrepreneurship. The sessions will be structured around a central theme or skill. The core theme will be introduced with a short introductory lecture. A major part of the session will involve practical activities, interactions, and reflections.

Under the guidance of Dr Sonali Gupta, Director, Center for Entrepreneurship, a group of students from FMC and FLAHS took on the mantle of organizing the launch event. Aastha, Dhivya, Diya, Dundesh, Girish, Manvanth, Prabhakar, Prabhu, Praneetha, Ritu, Somnath, Shuchita, and Vivek put together the event with immense enthusiasm and belief in the core purpose of creating an entrepreneurship club for the students. They took charge of the work – from publicizing the event among the student community to ensuring a warm welcome on the D-day to conducting the ice-breaker game.

The agenda of the launch event was to ensure three main takeaways for all the participants:

- They should meet at least 3 new people
- whom they have never spoken to before and learn their names and interests
- They should have a clear idea of club activities and how they want to participate going forward.
- They should have experienced four entrepreneurship lessons through the ice breaker activity

The club will have three departments:

PR, Operations and Programs.

Each department plays a crucial role in ensuring that the club runs smoothly and effectively.

Public Relations: This department is responsible for promoting the club and raising awareness about its events and activities. If you have a talent for marketing and communication, PR department could use your skills!

Operations: This department is responsible for the logistical arrangements and smooth running of the club's activities, administrative tasks and forming partnerships with other clubs and communities within or outside RUAS. If you have an eye for detail and a talent for organization, this is the place for you!

Programs: This department is responsible for designing meaningful events and activities that engage the RUAS community. If you can understand the pulse of your audience, are driven by purpose and like to think outside the box, this department might be the perfect fit for you!



Welcome Desk & Registration



Finding your Tribe

Techno Centre Engineering

Techno Centre Engineering (TCE)

Highlights and Achievements:

- Order received from M/s Lekha Wireless Communications Pvt Ltd, for Thermal Analysis Activity”.
- CARS order from NMRL (Joint Project TCE & FET) “Performance Evaluation of Fire-Retardant Paint Developed by NMRL”.

Activities:

- Submission of two tenders (Expression of Interest submitted [EOI]) and a virtual project related meeting with Aarjay International Pvt Ltd for a new project “Automatic Cable Harness Tester (ACHT)”.
- A couple of project related discussions which took place are a visit by KELTRON Technical team and an Interacting with Indian Army (D O I) for a new project.

| Organization to which consultancy provided | Amount generated in INR |
|--|-------------------------|
| BEL | 2,84,380 |
| ADA | 3,62,244 |
| BEL | 5,26,820 |
| NPOL | 8,23,050 |
| BEL | 1,68,150 |
| Entec Engineering Pvt Ltd | 82,600 |
| NPOL | 21,88,930 |
| BEL | 13,46,144 |
| BEL | 1,42,780 |
| BEL | 4,84,980 |
| BEL | 82,010 |
| Entec Engineering Pvt Ltd | 1,20,508 |
| ADA | 19,71,780 |
| NPOL | 24,69,150 |
| NPOL | 2,55,234 |
| Total | 1,13,08,760 |

Directorate of Student Affairs

Directorate Activities:

A student while pursuing his/her education in the University requires various facilities and opportunities to stimulate the emotional and aesthetic wellbeing and to kindle the intellectual and cognitive development. The Directorate of Student Affairs (DSA) facilitates and assists students' diverse needs by providing innovative extra-curricular experiences that augment well-being, nurture life, create responsibility and cultivate leadership competence. DSA is committed to students' well-being and accomplishments. The functions in which the Directorate is actively involved are hostel accommodation, health insurance & health care, sports & cultural events, student club activities, scholarships, social service, alumni relationship, and student welfare measures.

| Sl. No. | Activity type | No. of activities |
|---------|-------------------------------|-------------------|
| 1 | Cultural activities | 7 |
| 2 | Sports activities | 10 |
| 3 | NSS activities | 19 |
| 4 | Rotaract activities | 7 |
| 5 | Student club activities | 4 |
| 6 | Community outreach activities | 68 |
| 7 | Health camps | 62 |

Cultural Activities: Onam celebrations were held on 10th Sep 2022 in RT Campus and 24th Sept 2022 in GG Campus and Karnataka Rajyotsava celebrations KAHALE was held on 17th & 18th Nov 2022 in GG Campus and DINDIMA on 26th Nov 2022 in RT Campus. The university cultural fest, AKAIRA was held on 24th and 25th Mar 2023. SPICMACAY event was held on 24th Sept 2022 and Faculty of Dental Sciences cultural event IMPRESSIONS was held from 21st to 23rd Sept 2022.



Rajyotsava celebrations in RT Campus



Rajyotsava celebrations in GG Campus



Onam celebrations in RT Campus



Onam celebrations in GG Campus



Kuchipudi performance by Ms Prateeksha Kashi

Directorate of Student Affairs



Classical Solo Dance performance during AKAIRA



Mime performance during AKAIRA



Band performance during AKAIRA



Group Dance performance during AKAIRA



Sketching competition in progress during AKAIRA



Fashion Show during AKAIRA

Directorate of Student Affairs

Sports Activities:

The university annual athletics meet, SPHOORTHY was held on 27th & 28th Jan 2023. Mr. Shekar Naik, Captain of the Indian National Blind Cricket Team, Padma Shri Awardee was the Chief Guest. International Day of Yoga was held in association with Ministry of Tourism, Bengaluru Office on 21st Jun 2023. Inter faculty sports competitions, staff cricket tournament, National Sports Day competitions, sports and cultural meet UMANG 2022 by RINER were the other events conducted.



March Past during SPHOORTHY



Running Race in progress during SPHOORTHY



Long Jump in progress during SPHOORTHY



Sac Race in progress during SPHOORTHY



Yoga practice session on International Day of Yoga



Yoga practice session on International Day of Yoga

Directorate of Student Affairs

NSS Activities:

Seventeen events were held - Azaadi Ka Amrit Mahotsav celebrations, World Skills Day, World Heart Day, Tree Plantation Drive, Plog Run, Global Hand Washing Day, Unity Run, National Cancer Awareness Day, Workshop on Protection of Children from Sexual Offences Act 2012 (POCSO 2012) and Gender Equality, Yogathon 2022 – World's Largest Health Movement organized on the occasion National Youth Festival 2023 by NSS, Govt of Karnataka, Patriotic Run, ToT Program on "Safeguards Against Cyber Crime for the Youth", Care for Paw - Collar Our Streeties Drive, World Cancer Awareness Day, two blood donation camps and World Wetlands Day. One blood donation camp each by Ramaiah Medical College and Faculty of Hospitality Management and catering Technology were held.



Azaadi Ka Amrit Mahotsav celebrations



Top & Bottom-Azaadi Ka Amrit Mahotsav celebrations



Blood Donation Camp at RT Campus

Directorate of Student Affairs



Tree Plantation Drive by NSS volunteers



Plog Run by NSS volunteers



Unity Run to commemorate the Birth Anniversary of Sardar Vallabhbhai Patel



Workshop on (POCSO 2012) and Gender Equality



Felicitating Veteran Col. R. N. Shinde SM (Retd) on Republic Day by the VC, Prof.



NSS volunteers of RUAS at Yogathon 2022



ToT Program on Safeguards Against Cyber Crime for the Youth



Care for Paw - Collar Our Streeties Drive by NSS volunteers

Directorate of Student Affairs

Service to Society:

The Mandatory Service to Society was undertaken by students of the university. 42 teams consisting of an average of 35 students per team and one faculty coordinator undertook social service activities. The total number of students involved in the various activities was around 1400.

Activities ranged from visiting old age homes, orphanages, shelter homes, women's ashram, school for special needs children to make a difference in their lives for one day at least by entertaining them, lending an ear to their tales of struggles and tragedies and to donate some basic needs like groceries, clothing etc, visiting government schools to create awareness on importance of higher education, various opportunities available in different fields, donating stationery items to the students, organizing health and dental camps, distribution of hygiene kits in rural areas, cleaning of public places and painting of parks, tree plantation, creating awareness on environmental issues like ill effects of use of plastics, waste segregation and personal hygiene to general public.

Apart from the above, community outreach activities were held by RMC, RINER, RCP, FDS & FHMCT. Health camps were conducted by RINER.



Students creating awareness to use biodegradable bags to street vendors



Students picking plastic waste



Dental awareness camp for school children



RUAS students serving lunch



RUAS students making a presentation in a school



Health camp during Service to Society

Directorate of Student Affairs

Student Club activities:

- An Exhibition cum Workshop to promote photography on World Photography Day by Capture through Lens, Photography Club
- An inter-university competition under 6 categories- Mono-acting, Out of the Box, Nukkad Natak, Re-Create, Frames and Modernist Storyteller by ANUBHOOTI - Dramatics Club
- TEDxRUAS Women Special event was held with the theme – “I am”
- Club Medley” by SAANSKRITIK - Event Management Club where in students of different clubs showcased their activities



Chief Guest Mr Dinesh Kumble addressing the gathering

VC Kuldeep K Raina and others having a look at the photography exhibition



Ms. Suganda Sukrutraj speaking during TEDxRUAS

Directorate of Student Affairs

Rotaract RUAS

The Rotaract RUAS club carried out seven activities like co-hosting two events organized by Rotaract District Council 3190, visit to an ashram to serve the people, participated in the Road Accident and Traffic Awareness Rally, organized Free Diabetes Screening Camp, participated in Petfed Bengaluru 2022 - India's Biggest Pet Carnival, participated in Rotary Youth Leadership Awards (RYLA) and organized Culture Connect- collaboration between Rotaract RUAS and Rotaract Club of Boston.



Inauguration of Rotafest in GG Campus, RUAS



Rotaract RUAS members participating in the Road Accident and Traffic Awareness Rally



Banner of Free Diabetes screening



Rotaract RUAS members interacting with children in an orphanage



Rotaract RUAS members in Petfed Bengaluru 2022

Directorate of Student Affairs

Deeksharambh:

We are fostering a sense of belonging and wellbeing for all learners, enriched by our vibrant campus cultures, rich residential options, good sporting facilities and highly valued student services. We organised 'Deeksharambh' for all the new entrants. The programme is well planned and executed for 2 weeks. The programme is planned on the aspects of SAGE; Socializing: meeting other new students, senior students, students union, lectures by Eminent People; Associating: visits to University / college, visits to Dept./Branch/ Programme of study and important places in campus, local area, city and so on; Governing: rules and regulations, student support etc; Experiencing: Subject lectures, study skills, small-group activities, physical activity, creative and performing arts, literary activities, universal human values, etc. The Ramaiah Anthem is played at the beginning in reverence with an aim to foster students develop a sense of belonging.



A session on Mental Health in progress



Session on Heartfulness



Preparing for fun activity session during Deeksharambh



A student interacting with a presenter



Students listening attentively during campus tour

Directorate of Student Affairs



Students creating Best out of Waste



Students displaying their artwork



Students explaining their creation



Yoga session during Deeksharambh



Group activity by students



Dance performance by a student during Talent Hunt



Singing & performance on instrument by students during Talent Hunt

Directorate of Student Affairs

UG training Program for Batch 2022-23 of Ramaiah Medical College

The medical students, batch of 2022-2023 began their medical journey at the White Coat Ceremony on 16th December 2022 at Ramaiah Medical College. It was a special day for the freshers to cherish the moment for a lifetime. It was also a special day for the parents to see their children taking the oath.



Vice Chancellor Kuldeep K Raina inaugurating the program



Students taking the oath during the White Coat ceremony

Global Connect

Mr. Pranav Arun, a student from Ramaiah Medical College, attended the Medical Sciences Summer School Programme on Global Health in Groningen, The Netherlands, from July 3rd to July 10th, 2022. The course covered diverse topics like Mental Health, Reproductive Health, and Sociocultural influences on Healthcare, offering a comprehensive global perspective.

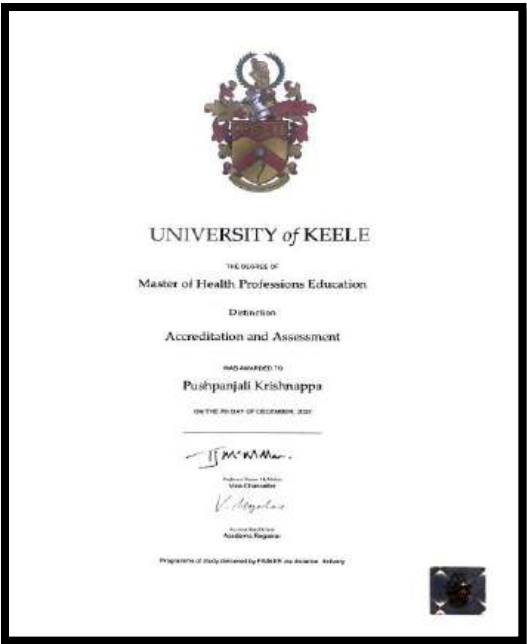


Ms. Eesha Brijesh, a 1st-year MBBS student at Ramaiah Medical College, secured the 3rd Place in the speech competition during the Global Health Training - Workshop and Speech Competition on Antimicrobial Resistance, organized by AMSA (Asian Medical Students Association). The competition had participants from different countries across Asia, making her achievement remarkable. Congratulations to Ms. Eesha for her outstanding performance.



International Exchange Students (July 2022 – July 2023)

| Sl no | University | Number of Students |
|-------|--|--------------------|
| 1 | UMCG, Groningen, The Netherlands | 1 |
| 2 | Ghent University, Belgium | 4 |
| 3 | UMCG, Groningen, NL | 3 |
| 4 | UIC Urbana Champagne. | 1 |
| 5 | UMCG, Groningen | 2 |
| 6 | University of Illinois at Urbana Champaign | 1 |
| 7 | UMCG, Netherlands | 1 |
| 8 | Ghent University | 11 |



Dr. K Pushpanjali was awarded Master's in Health Professions Education in Assessment and Accreditation

Global Connect

The Department of Urology at Ramaiah Medical College organized the "Endourology Masterclass" on May 7th, 2023, at Council Hall, RMC. The event witnessed participation from over 70 delegates. The masterclass focused on in-depth discussions about kidney stone disease, covering both the latest cutting-edge technology and fundamental aspects, along with practical case scenarios. Among the esteemed invited faculty was Dr. Bhaskar Somani, an International Expert on stone disease from Southampton, UK.



Dr. Sonali Jadhav, Principal, successfully completed Global Nursing Leadership training programme from Global Nursing Leadership Institute (GNLI), Geneva, Switzerland, 2022 received full Bursary from World Bank to pursue this program.



Dr. Ramya DM, Assistant Professor, Department of Critical Care, has completed her fellowship "International Diploma in ECMO" in Paris, France in June 2023. She has also presented 2 posters in the international congress named 'ECOS TCS' held on June 26, 27 in Paris. She has also presented 2 posters in the international congress named 'ECOS TCS' held on June 26, 27 in Paris.



National Nursing Assessment Service, Toronto, Ontario, Canada visited on 20.07.2023 the purpose of the visit: to support IENs to obtain the full range of Canadian competencies and to be ready for the workforce in an expedient manner; and establishing meaningful global relationships with nursing regulators, governing bodies, and educational institutions



Global Connect

'Unlocking the potential of Drug Utilization Review', FPH, RUAS, By Dr. Palanisamy Sivanandy, Programme Director, Dept. Pharmacy Practice, International Medical University, Malaysia, 1/25/2023



Ms. Aina D, Pharm D Student, received travel grant of 1800 and 1200 USD respectively from International Society for Pharmacoepidemiology and Therapeutic Risk Management (ISPE-2022), towards a paper presentation entitled, 'Drugs-associated with Red Man Syndrome: An Integrative Approach Using Disproportionality Analysis and PHARMIP' at the 38th International Society for Pharmacoepidemiology and Therapeutic Risk Management (ISPE-2022) on August 24-28th 2022 held at **Copenhagen, Denmark**

GLOBAL ORAL HEALTH MODULE 10TH, 11TH & 17TH MARCH 2023

The Global Oral health module was conducted by the Dept. of Public Health Dentistry for third year students. The speaker was Professor Julian Fisher. The faculty facilitators were Dr K Pushpanjali, Dr Anitha R Sagarkar & Dr Shwetha KM. This value added course is being offered since 2021 in association with Charite' University, Berlin, Germany. The course aims at creating awareness amongst dental students to understand the importance of Sustainable Development Goals UN 2030 and its application in dentistry. Students share their learning experience with other International students in Scotland and Mexico. Students also presented the re-arrangement of SDGs from their perspective and worked on scope for integrating SDGs in their communities and clinical practice.



Dr. Pushpanjali & Dr. Anitha R Sagarkar attended the Health Workforce Education for the Public Good Program - TUFH Academy: Social Accountability in Health Professions Education, with The Network: Towards Unity For Health.

Dr. Sunil Kumar delivered a guest lecture on "Three dimensional comparison of infrazygomatic crest thickness in different facial patterns- a cross sectional study" at the International Orthodontic Conference of Odoan, Nepal on 15th May 2023

Dr Lalitha S Jairam, attended a conference on "Special Care Dentistry in the undergraduate dental curriculum" organized by South East Asian Association for Dental Education at Siem Reap, Cambodia from 24th - 26th November, 2022.

Dr Vibha Shetty. Prof, Prosthodontics and Implantology was a invited key note speaker to present a paper at the Indo-German workshop entitled "Design and manufacturing of biomaterials and implants for dental and craniomaxillofacial reconstruction and regeneration" at the University of Erlangen-Nuremberg,



Germany during February 13-15, 2023. This workshop was funded by The Indo-German Science & Technology Centre (IGSTC), a joint initiative by the Department of Science & Technology (DST), Government of India, and the Federal Ministry of Education and Research (BMBF), Government of Germany. Dr Shetty's topic was Clinical dentistry and Biomaterials- A Synergistic Approach. She described different clinical situations involving teeth replacements and hard and soft tissue regeneration. Ranging from ideal clinical situations to difficult clinical conditions where the goal is to reach near ideal conditions for restoration, the lecture addressed current use of biomaterials. The paper was very well received

Global Connect

MoU between Ramaiah University of Applied Sciences and Towards Unity For Health (TUFH) Ramaiah University of Applied Sciences and Towards Unity for Health agreed on a MoU in 2021. This is the third year running. The collaboration has led to multiple benefits for the students and faculty as well.

1. **Networking:** Networking with eminent subject experts across the globe has been valuable endeavour, allowing exchange of ideas, collaboration on projects, and expansion of professional horizons. There has been a number of personalized connections for research and academic activities.
2. **Opportunities to present:** Students as well as faculties have leveraged the options to present at international forum/conferences hoisted by TUFH at multiple occasions. Many of them have received complete scholarship (towards registration) for their presentation.
3. **Free workshops/seminars:** Students and faculties have accessed and taken the benefit of a number of high quality workshops/seminars from global experts free of charge
4. **iSTEP tutors/student community:** Many of our faculties have been nominated as tutors for the three educational modules hoisted by iSTEP (International Student Exchange Program) to mentor and guide students across the nations. Meanwhile students have been a part of the iSTEP student community which has further enhanced their networking.
5. **Opportunities to conduct:** Faculties have presented online sessions/ workshops at the TUFH platform at various instances and addressed topics of social accountability, pedagogical experiences and interprofessional project work activities to the global community.
6. **Opportunities to moderate conference:** Faculties have been nominated for the task of moderating sessions at the virtual Asia-Pacific conferences.
7. **Health Workforce Education for The Public Good program:** Faculties have recently undertaken this program having interesting topics of Social Accountability, Inter Professional Education, Appreciative Inquiry and Transformative Leadership by global experts.



8. **Student Exchange Programs:** It has enabled students to explore study options abroad to experience a different academic and cultural environment. This has enhanced their global perspective, cross-cultural communication skills, and personal growth.

9. **Faculty Professional Development:** Faculty members have benefited from this leading to cross-pollination of ideas, sharing of pedagogical approaches, and the development of collaborative research projects.

10. **Enhanced Reputation:** This MoU has enhanced the reputation of RUAS at a global level

Student Achievements

Team FDS won the runner's up trophy at the All Karnataka cricket tournament "Dento Premier League" held at GDCRI, Bangalore in June 2023. Animesh Boruha from FDS was awarded the "Man of the Series" for his spectacular all round performance.



Mr. Harsha R, first year MBBS Student got 3 golds 2 silvers and 1 bronze in the swimming competition of the BMC FEST (cobalt skies) held on 7th November 2022 at



Ramaiah Medical College Badminton Men's team won the championship in the RGUHS Bangalore Zone Badminton tournament and our Women's team were runners-up. The event was held at Krishnadevaraya College of Dental Sciences, Bangalore from 28th July to 1st August 2022



Team Ramaiah won the 2nd prize in Fashion Show at AFMC Pune (2023)

Student Achievements

Ms. Shejar Kaul Chowdhury from B.Tech. Aerospace Engineering, Faculty of Engineering Technology bagged Gold Medal in Swift IISc Rhapsody's Inter collegiate Shuttle Badminton tournament that was held on 2nd and 3rd July 2022 at IISc Bangalore



Cricket tournament was held on 18th, 19th and 20th of September and had 33 participating teams among which FHMCT played the finals against Bangalore Veterinary College and won the runner-up trophy. Vishal G, FHMCT student from Batch 2019 emerged as the best batsman in the tournament



BBA 1st Year students Leeshan and Sujal won 2nd place in Raiders of the Lost (Treasure hunt) at the inter collegiate management fest TERRAFORMA organized by Jyoti Nivas College in March 2023



Solo dance competition was held on 22nd of September in the Dwaraka auditorium and had 17 participating colleges from all over Bangalore. Akshaan Nair of Batch 2022, BHM, FHMCT stood first with his mesmerizing and emotional solo dance performance.



Student Achievements

The students of FHMCT Pranav Vivek (4th Year) , Preetham, Rupaali, Bhuvan, Vishwas and Sheshadri took part in the Mad Ads competition hosted by BMS College of Commerce and Management. The competition was organised in their Annual Fest SAMSKRUTHI 2023. They won the 1st Prize and received a cash Prize of Rs. 2000

There were a total of 8 teams from various institutions around Bangalore, and it was conducted on the 8th of July 2023



On 12th May 2023, Student Nurse Association, Ramaiah Institute of Nursing Education & Research organized "NURSE-A-THON", an inter-college competition on the occasion of International nurses day.

Alumni Engagement

The Global Alumni Meet was held on 7th & 8th of January 2023. It was held in 3rd Floor, Auditorium, Ramaiah Medical College.

Welcome address was delivered by RaMCA president Dr. Ravi Gopal Varma, followed by felicitation of former principals and felicitation of distinguished alumni of the year Dr. Tetali Dasaradha Rama Reddy who has received several honors from the government for his contribution to society.

Honorable Chairman and Chancellor, RUAS Sri Dr. M R Jayaram addressed the alumni and spoke about the importance of creating a strong alumni network.

Principal & Dean, Ramaiah Medical College & Hospitals, Dr. Shalini C Nooyi spoke about "Alumni ambassador's- Institution's pride" and their role in the development of the institution.

There was a presentation of the Journey of Ramaiah College, followed by nostalgic thoughts sharing by former principals and teachers where every one of them shared their nostalgic memories and it was well received by the audience gathered for the event.

After lunch there was cultural activity where alumni and students actively participated in dance, singing, fashion show, mad ads



Renowned Visitors

- Faculty Development Program Delivered by Padmabushan Dr. Shivathanu Pillai
- Prof. Ramesh Chandra Mallik, Associate Professor, Department of Physics, IISc, Bengaluru
- Prof. K. J. Rao, Emeritus Professor, Solid State and Structural Chemistry Unit, IISc, Bengaluru
- Dr. Deepak Kumar Karan, Laboratory for Atmospheric and Space Physics, Colorado, USA
- Prof. J. N. Reddy of Texas A & M University
- Prof. C. V. Ramana, Director - Centre for Advanced Materials, University of Texas, El Paso
- Prof. R. Sowdhamini and Prof. Maneesha Inamdar (INSA memorial lecture award 2022)
- Dr. Vemula (InStem), Dr. Sridhar (Industry), Dr. Manjula Das (MSMF), Dr. Varadarajan Sunderamurthy (NCBS), Dr. Mathivaanan Jothi (NIMHANS), Dr. Manjari Bakre (Oncostem Diagnostics), Dr. Deepak Saini (IISc) (Science Academies' lecture workshop participated in a two day lecture workshop organized by the department)
- Guest talk on ' Smart Technology in Civil Engg- Challenges and Scope' conducted on 21.10.22 by Dr. Chandramouli S
- Guest talk on engineers finding purpose through grand challenges on 20th January 2023 by Dr. Jai Asundi, Executive Director, CSTEP, Bangalore
- Dr. K.S.S. Ravi Kumar, Director from NPTI, Bangalore gave a motivational talk & carrier guidance to the B. Tech 2nd Year students on 25th July 2023
- Robotic Programming and Simulation by Dr. Arockia Selva Kumar, VIT, Chennai for 6th Semester Robotics
- Prof. J. N. Reddy conducted a short course on Linear Finite Elements on 2nd to 4th January 2023. The course was designed to impart basic knowledge on Finite Element Methods for undergraduate and post graduate students from Mechanical Engineering, Civil Engineering, Aerospace Engineering and allied branches
- Dr. Lorena Escudero Sanchez, University of Cambridge, UK gave a seminar.
- Prof Belur Prabhakar visited the Faculty on 22nd July 2022 to review the performance and provide inputs for improving the performance

Placements

| FACULTY | SALARY RS PA IN LAKHS |
|---------|-----------------------|
| FAD | 7.05 |
| FET | 22.7 |
| FLAHS | 12 |
| FPH | 5 |
| FHMCT | 30 |
| FMC | 8.2 |

The companies that recruited our students with the highest salaries across all Faculties were-TCS, VebuIn, Carlzeis, Mu Sigma, Sagamore Resort, USA, Wipfli respectively.

More than 150 companies have participated in campus recruitment and the students were placed in most prominent companies.

| FACULTY | PROMINENT PLACEMENT COMPANIES |
|---------|--|
| FAD | Haiwz, Jack and Jones, Puma, Aditya Birla |
| FET | IISc, ADE, Collins Aerospace, HAL, Amazon, HCL tech, Bosch India, Mercedes Benz, Volvo |
| FLAHS | Nucleobase life science laboratory, BIONOME, Carlzeis |
| FPH | Mu Sigma, OG Healthcare, Mylan/ Viatris |
| FHMCT | Taj, Oberoi, Four Seasons, Park Hotel, Hyatt, Marriott, Radisson |



ANNEXURES

Annexures

Board of Governors of Ramaiah University of Applied Sciences be and is hereby constituted by the following membership as per section 4.2 of Statute 2.1:

| SL.NO | NAME | DESIGNATION | MEMBERSHIP |
|-------|---|---------------------------------------|--|
| 1 | Dr. M.R Jayaram | Chancellor | Chairman |
| 2 | Mr. M.R. Kodandaram | Nominated Member, Sponsoring Body | Member |
| 3 | Mrs. M.R. Prabhavathy | Nominated Member, Sponsoring Body | Member |
| 4 | Principal Secretary, Higher Education, GoK | Appointed Member, GoK | Member |
| 5 | Principal Secretary, Medical Education, GoK | Appointed Member, GoK | Member |
| 6 | Vacant | Appointed Member, GoK | Member |
| 7 | Mr. M.R. Sreenivasa Murthy | Chief Executive, GEF (M) | Member |
| 8 | Dr. A Sivathanu Pillai | Appointed Member, Chancellor | Member |
| 9 | Dr. R. Natarajan | Appointed Member, Chancellor | Member |
| 10 | Dr. Kuldeep Kumar Raina | Vice Chancellor | Ex-Officio Member |
| 11 | Dr. Govind R Kadambi | Pro- Vice Chancellor | Ex-Officio Member Non-Voting Member |
| 12 | Dr. Om Prakash Kharbanda | Pro- Vice Chancellor- Health Sciences | Ex-Officio Member Non-Voting Member |
| 13 | Dr. G.S. Venkatesh | Registrar | Ex-Officio Member Non-Voting Member and Member Secretary |

Annexures

BOARD OF MANAGEMENT

| SL.NO | MEMBER | DESIGNATION | POSITION |
|-------|-----------------------------|----------------------|------------------|
| 1 | Prof. Kuldeep Kumar Raina | Vice Chancellor | Chairperson |
| 2 | Mr. M. R. Sreenivasa Murthy | CE, GEF (M) | Member |
| 3 | Mr. B N Subramanya | Advisor, GEF (M) | Member |
| 5 | Dr. Govind R Kadambi | PVC, Research | Member |
| 6 | Dr. Om Prakash Kharbanda | PVC, Health Sciences | Member |
| 7 | Dr. Shalini C Nooyi | Dean, RMC | Member |
| 8 | Dr. G S Venkatesh | Registrar | Member Secretary |

Annexures

**MEMBERS OF ACADEMIC COUNCIL OF
RAMAIAH UNIVERSITY OF APPLIED SCIENCES 2023
Academic Council Member List March 2023**

| SL. NO | NAME OF THE MEMBERS | DESIGNATION | POSITION |
|---------------------------|-----------------------------|--|------------------|
| 1. | Prof. Kuldeep Kumar Raina | Vice Chancellor | Chairperson |
| 2. | Prof. Govind R. Kadambi | Pro Vice Chancellor | Member |
| 3. | Dr. Om Prakash Kharbanda | Pro Vice Chancellor (Health Sciences) | Member |
| 4. | Dr. G S Venkatesh | Registrar | Member-Secretary |
| 5. | Dr. Medha Y Rao | Dean Academic Affairs | Member |
| DEANS | | | |
| 6. | Prof. Krishnamurthy Jayanna | Dean- FLAHS | Member |
| 7. | Prof. Bharath S | Dean - FPH | Member |
| 8. | Dr. Shalini Nooyi | Dean & Principal RMC | Member |
| 9. | Dr. Savita Ravindra | Dean- College of Physiotherapy | Member |
| 10. | Dr. Sonali Jadhav | Dean- MSRINER | Member |
| 11. | Dr. Silju Mathew | Dean - FDS | Member |
| 12. | Prof. Abby Mathew | Dean - FHMCT | Member |
| 13. | Dr. Soma Chaki | Associate Dean- Academic Affairs | Member |
| CHAIRPERSON OF BOS | | | |
| 14. | Dr S. Chandankumar | HoD - Department of Mathematics and Statistics | Member |
| 15. | Dr. Premakumar H B | HoD - Physics | Member |
| 16. | K.M. Sharath Kumar | HoD – Dept. of Management & Commerce | Member |
| 17. | Dr. B S Dayananda | HoD - Mechanical Engineering | Member |
| 18. | Dr. Nayana N. Patil | Professor and Head | Member |
| 19. | Dr. Rinki Sharma | Professor and Head | Member |
| 20. | Dr. M. Rajadurai | Associate Professor and Head | Member |
| 21. | Dr. Sandhya Sankaran | Associate Professor and Head | Member |
| 22. | Dr. T. Niranjana Prabhu | Associate Dean- Research | Member |
| 23. | Mr. Lohit HS | HoD - Industrial Design | Member |
| 24. | Dr. S. Malathi | Professor and Head | Member |
| 25. | Dr. M. Sivapragasam | Professor and Head | Member |

Annexures

| SL. NO | NAME OF THE MEMBERS | DESIGNATION | POSITION |
|------------------|----------------------------|--|----------|
| EXTERNAL EXPERTS | | | |
| 26. | Dr. U Sudhir | Medical Director, Chinmaya Mission Hospital, Bangalore | Member |
| 27. | Dr. B Srinivas Pai | Professor & HoD, SDM College of Medical Sciences & Hospital, Dharwad | Member |
| 28. | Dr. V K Bansal | Head Unit- Laparoscopic Surgery Dept. of Surgical Disciplines and Former Associate Dean All India Institute of Medical Sciences, New Delhi. | Member |
| 29. | Dr. Raju K Parasher | Director/Principal, Amar Jyothi Institute of Physiotherapy, New Delhi | Member |
| 30. | Dr. Deepak Kumar Capri | Director & Sr. Consultant Manipulative Physiotherapist, Capri Institute of Manual Therapy, Delhi, India | Member |
| 31. | Dr. Anice George | Professor & Former Dean, Manipal College of Nursing, MAHE | Member |
| 32. | Prof. Deepak Kumar Saini | Professor, Department of Developmental Biology and Genetics, Division of Biological Sciences & Centre for Biosystems Science and Engineering Division of Interdisciplinary Research, Indian Institute of Science Bangalore | Member |
| 33. | Prof. R. Rajesh Shenoy | Director, Padmashree Group of Institutions, Bangalore, Karnataka, India. | Member |
| 34. | Dr. Vidyalakshmi Rajagopal | Professor & Head, National Institute of Food Technology, Entrepreneurship and Management, Thanjavur | Member |
| 35. | Dr B.S. Jayashree | Professor, Manipal Academy of Higher Education, Manipal College of Pharmaceutical Sciences, Manipal | Member |
| 36. | Ms. Akshta Suri | Head Training and Development, The Leela Palace, Bengaluru | Member |
| 37. | Prof. Balaji Krishnan | Vice-Provost, Global Initiatives, Professor, Department of Marketing & Supply Chain Management in the Fogelman College of Business & Economics at The University of Memphis. | Member |
| 38. | Prof. Kirankumar Momaya | Professor, 214, Shailesh J. Mehta School of Management, I.I.T. Bombay, Powai, Mumbai-400076 | Member |
| 39. | Dr.B.J.Gireesha | Professor, Kuvempu University, Jnana Sahyadri-577 451, SHIMOGA. | Member |
| 40. | Dr. Ramesh Chandra Malik | Thermoelectric Materials and Device Laboratory, Department of Physics, Indian Institute of Science. | Member |
| 41. | Prof. Govindaraju T | Professor, Dept. of Chemistry, JNC SAR, Bangalore | Member |
| 42. | Dr. Yashoda Kumari | Professor and Chair Person, Knitwear Design, NIFT, Bangalore | Member |

Annexures

**MEMBERS OF ACADEMIC COUNCIL OF
RAMAIAH UNIVERSITY OF APPLIED SCIENCES 2023
Academic Council Member List March 2023**

| SL. NO | NAME OF THE MEMBERS | DESIGNATION | POSITION |
|--------------------------|------------------------------|---|----------|
| EXTERNAL EXPERTS | | | |
| 43. | Dr. N Balakrishnan | Professor, Department of Aerospace Engineering, Indian Institute of Science | Member |
| 45. | Dr. K. Mohanavelu | Scientist "F". DEBEL, DRDO, Bangalore | Member |
| 46. | Mr. G.N. Velkumar | Qualcomm Pvt. Ltd., Bangalore | Member |
| 47. | Prof. Govindarajan Ramaswamy | Professor, Department of Computer Science, Indian Institute of Sciences, Bangalore | Member |
| 48. | Prof. Manish Thakur | Professor of Sociology B 308, IIM Calcutta, Joka, Kolkata | Member |
| 49. | Prof. Ashok Patil | Professor of Law National Law School of India University, Bangalore | Member |
| 50. | Dr. Ajoy Roychoudhury | HoD, Oral & Maxillofacial Surgery All India Institute of Medical Sciences New Delhi | Member |
| 51. | Dr. D. Gopalakrishnan | Dean, Professor & Head (Chair) – Department of Periodontology, Dr. D.Y. Patil Dental College & Hospital, Dr. D.Y. Patil Vidyapeeth, | Member |
| Directors of RUAS | | | |
| 52. | Dr. Hemanth T | Director-Admission | Member |
| 53. | Prof. Jyothi Shankar | Director-DTSLD | Member |
| 54. | Dr Vibha Shetty | Director-DTLL | Member |
| 55. | Mr Angadi Virupakshappa | Director- ICT | Member |
| 56. | Prof. Sai Baba | Director- Professional Development | Member |
| 57. | Dr. Sonali Gupta | Director- Centre for Entrepreneurship | Member |
| 58. | Dr. Sanjay C Desai | Director- ALC | Member |
| 59. | Major General Prasad | RPCC- Director | Member |
| 60. | Dr. Nayanjeet Choudhury | Director- RICPHI | Member |
| NON- TEACHING FRATERNITY | | | |
| 62. | Mr. Venugopala Sastry | CFO | Member |
| 63. | Dr. Anitha Ramalingam | CEO | Member |
| 64. | Mr. Ravichandra S | Chief Librarian | Member |

Annexures

| SL. NO | NAME OF THE MEMBERS | DESIGNATION | POSITION |
|--------|---------------------|-------------|----------|
| ALUMNI | | | |
| 68 | To be nominated | | Member |
| 69 | To be nominated | | Member |

| SL. NO | NAME OF THE MEMBERS | DESIGNATION |
|------------------|-----------------------|--|
| SPECIAL INVITEES | | |
| 1. | Prof P N Razdhan | Principal Advisor –Quality Assurance and Excellence cell |
| 2. | DR. A G Prathab | Joint Controller of Examinations |
| 3. | Dr Vikas Shelar | Deputy Controller of Examinations |
| 4. | Dr Anitha | HoD Psychology and Sociology |
| 5. | Dr Tapasi Ghosh | Data Science & Analytics |
| 6. | Dr. Vidya Baliga | Deputy Controller of Examination |
| 7. | Dr. Nanda Kumar | Associate Dean- Research |
| 8. | CA Udayakumara Shetty | Head- Finance |



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Ref: RUAS/AnnualReport/001/2022-23

Date: 13/07/2023

Core Committee Members for University Annual Report-2022-23 RUAS

The following Committee is constituted to prepare the Annual Report 2022-23. All Deans, Directors and HoDs are required to give their input to the Committee members.

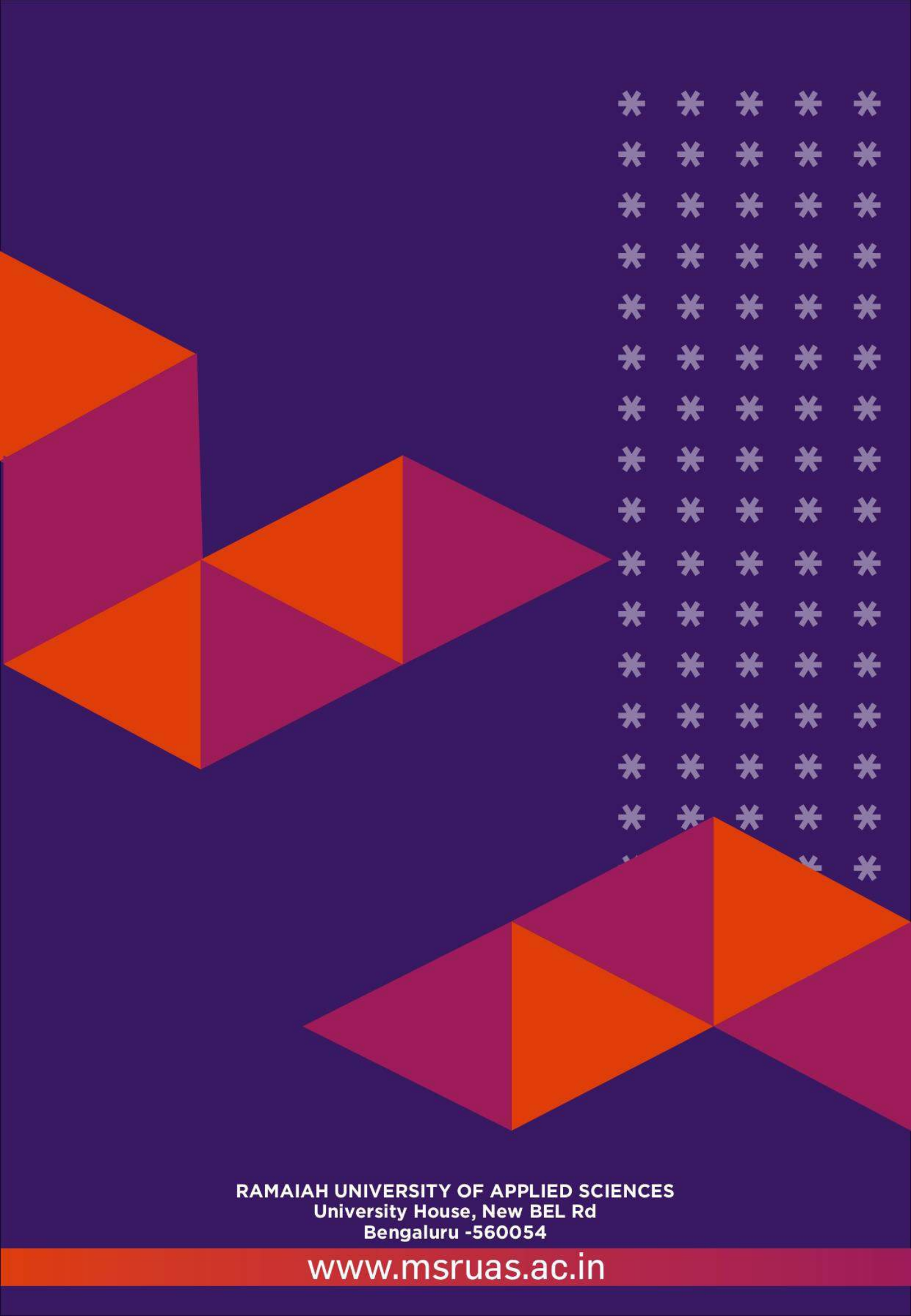
| Sl.no | Faculty | Department | Name of the faculty |
|-------|------------------------|-----------------------------|---------------------|
| 1 | Dr.Pushpanjali. K | Professor, FDS | Chairperson |
| 2 | Dr. Niranjan Prabhu. T | Professor, FMPS | Member |
| 3 | Dr. Devkumar. G | Professor, FMC | Member |
| 4 | Dr. Radha. M. S | Professor, RINER | Member |
| 5 | Dr Roshan Sagarkar | Associate Professor, FDS | Member |
| 6 | Dr. Murugesh. M. C | Associate Professor, FET | Member |
| 7 | Ms. Sandhya Anil Kumar | Associate Professor, FHMCT | Member |
| 8 | Dr Sharon Furtado | Associate Professor, FPH | Member |
| 9 | Dr. Babitha Rajan | Associate Professor, RMC | Member |
| 10 | Dr. Soni Sathish | Associate Professor, RCPT | Member |
| 11 | Dr. Tushar Shaw | Assistant Professor, FLAHS | Member |
| 12 | Mr. Goutham,. N | Assistant Professor, FAD | Member |
| 13 | Dr. Pratishtha B | Assistant Professor, SSS | Member |
| 14 | Mr. Arvind Tayenjam | Assistant Professor, SoL | Member |
| 15 | Mr. Parameshwar. S | Chief- IQAC (Academics) | Member |
| 16 | Mr. H.S. Srikishen | Head- Student Affairs | Member |
| 17 | Mr. Pavana S. Yadav | Asst. Mgr- Registrar Office | Secretary |

The committee is requested to submit the report on or before **14.08.2023**.


Dr. G.S. Venkatesh
 Registrar
 Registrar
 M.S. Ramaiah University of Applied Sciences
 Bangalore - 560 054



We would also thank Mr Dileepa C. from FAD and Ms Rashmi R. from FMC for their contribution in the annual report



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Annexure – 17

Annexure 17

4.1.2 Percentage of expenditure excluding salary, for infrastructure development and augmentation during the last five years

4.1.2.1: Expenditure for infrastructure augmentation excluding salary, during the last five years (INR in lakhs)

4.2.2 Percentage expenditure for purchase of books/ e-books and subscription to journals/e-journals during the last five years

4.2.2.1: Annual expenditure for purchase of books and journals year- wise during the last five years (INR in lakhs)

4.4.1 Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the last five years

4.4.1.1: Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year-wise during the last five years (INR in lakhs)

Year 5- specify expenditure in appropriate column - 2022-2023

| Head/Sub head of Expenditure | Item of expenditure | Expenditure for infrastructure development and augmentation (in INR) | Expenditure on purchase of books/ebooks and subscription to journals/e-journals (in INR) | Expenditure on maintenance of physical facilities and academic support facilities (in INR) | expenditure on Salary component/ wages (in INR) | Other expenditures (in INR) |
|---------------------------------------|---|--|--|--|---|-----------------------------|
| Salaries & Wages: | | | | | | |
| Salaries & Other Allowances | Salary and Wages | | | | 1,23,78,16,777 | |
| Salaries & Other Allowances | Employer Contribution to ESI | | | | 7,31,019 | |
| Salaries & Other Allowances | Employer Contribution to PF | | | | 3,06,04,949 | |
| Salaries & Other Allowances | Gratuity | | | | 5,31,29,684 | |
| Salaries & Other Allowances | Leave Encashment | | | | 2,95,68,006 | |
| Salaries & Other Allowances | Staff welfare & staff training | | | | 37,90,291 | |
| Admin Expenses | Adjunct Staff Fee | | | | 1,23,39,942 | |
| Admin Expenses | Honorarium | | | | 17,87,350 | |
| Admin Expenses | Professional Charges | | | | 1,01,16,329 | |
| Revenue Expenses (Excl Salary) | | | | | | |
| Admin Expenses | Advertising And Marketing | | | 0 | | 5,67,52,919 |
| Admin Expenses | Donations | | | 0 | | 50,685 |
| Admin Expenses | Office Expenses | | | 0 | | 73,23,866 |
| Admin Expenses | Printing And Stationery Expenses | | | 0 | | 67,61,845 |
| Admin Expenses | Professional Charges | | | 1,91,89,697 | | 0 |
| Admin Expenses | Property Tax/ Rates & Taxes | | | 1,60,63,405 | | 0 |
| Admin Expenses | Sports & Cultural Exps | | | 62,78,921 | | 0 |
| Admin Expenses | Travelling Expenses | | | 0 | | 1,31,93,723 |
| Admin Expenses | Legal Expenses | | | 0 | | 18,11,480 |
| Admin Expenses | Bad Debts | | | 0 | | 5,66,44,328 |
| Admin Expenses | Body Donor Expenses | | | 1,69,294 | | 0 |
| Admin Expenses | Centenary Celebration Expenses | | | 0 | | 94,30,345 |
| Meeting/ Univ Common | Meeting Expenses/ University Common/ Office | | | 0 | | 13,11,409 |
| Operating Expenses | Affiliation And Registration | | | 0 | | 21,20,467 |
| Operating Expenses | Camp Expenses | | | 26,43,084 | | 0 |
| Operating Expenses | Consumables & lab Maintenance | | | 36,90,54,717 | | 0 |
| Operating Expenses | Electricity & Power | | | 6,44,27,041 | | 0 |

| Head/Sub head of Expenditure | Item of expenditure | Expenditure for infrastructure development and augmentation (in INR) | Expenditure on purchase of books/ebooks and subscription to journals/e-journals (in INR) | Expenditure on maintainance of physical facilities and academic support facilities (in INR) | expenditure on Salary component/ wages (in INR) | Other expenditures (in INR) |
|------------------------------|---|--|--|---|---|-----------------------------|
| Operating Expenses | Insurance | | | 9,59,828 | | 0 |
| Operating Expenses | Internet Charges | | | 1,07,18,832 | | 0 |
| Operating Expenses | Inspection Expenses | | | 0 | | 21,97,857 |
| Operating Expenses | Lab & Investigation Charges | | | 67,83,660 | | 0 |
| Operating Expenses | Journals, Membership & Subscriptions | | 2,21,74,995 | 6,87,254 | | 0 |
| Operating Expenses | Senior Research Fellowship | | | | | 5,56,591 |
| Operating Expenses | Training Expenses | | | 4,59,717 | | 0 |
| Operating Expenses | Hospitality Expenses | | | 0 | | 1,18,44,696 |
| Operating Expenses | Barber Expenses | | | 3,77,715 | | 0 |
| Operating Expenses | Practical and Lab Expenses/ Clinical Training | | | 1,11,58,888 | | 0 |
| Operating Expenses | Research centre Expenses | | | 11,70,556 | | 0 |
| Operating Expenses | Research Expenses Govt Projects | | | 1,97,09,220 | | 0 |
| Operating Expenses | Seminar, Workshop & Other Expenses | | | 3,15,60,725 | | 0 |
| Operating Expenses | Seed Money | | | 2,57,34,587 | | 0 |
| Operating Expenses | Student Welfare Exps | | | 0 | | 2,81,26,621 |
| Operating Expenses | Scholarship | | | 0 | | 1,91,53,679 |
| Operating Expenses | Stipend to students | | | 0 | | 21,47,36,301 |
| Operating Expenses | Telephone Expenses | | | 12,60,840 | | 0 |
| Operating Expenses | PG Diploma Exps | | | 5,16,000 | | 0 |
| Operating Expenses | Waste Management Exps | | | 38,32,377 | | 0 |
| Operating Expenses | Rent | | | 1,79,88,950 | | 0 |
| Operating Expenses | Student Event Expenses | | | 0 | | 19,07,664 |
| Operating Expenses | Exam Expenses | | | 17,12,909 | | 0 |
| Operating Expenses | Rural Health Program Expenses | | | 1,35,232 | | 0 |
| Operating Expenses | CME, CDE, COP & Other Program Exps | | | 19,57,414 | | 0 |
| Operating Expenses | Books & uniforms | | | 6,86,912 | | 0 |
| Operating Expenses | Hospital Day Exps | | | 0 | | 21,60,408 |
| Repairs & Maintenance | Computer Maintenance & IT | | | 1,78,94,892 | | 0 |
| Repairs & Maintenance | Repairs & Maintenance | | | 7,88,26,560 | | 0 |
| Financial Expenses | Financial Exps | | | 0 | | 36,60,876 |
| Capital Expenses: | | | | | | |
| FA Scehdule | Buildings | 23,36,99,104 | | | | |
| FA Scehdule | Library Books | | 71,86,138 | | | |
| FA Scehdule | Equipment | 5,78,34,663 | | | | |
| FA Scehdule | Furniture & Fixtures | 1,97,84,117 | | | | |
| FA Scehdule | Computers & Software | 6,01,57,594 | | | | |
| FA Scehdule | Motor Vehicles | 44,48,580 | | | | |

| Head/Sub head of Expenditure | Item of expenditure | Expenditure for infrastructure development and augmentation (in INR) | Expenditure on purchase of books/ebooks and subscription to journals/e-journals (in INR) | Expenditure on maintenace of physical facilities and academic support facilities (in INR) | expenditure on Salary component/ wages (in INR) | Other expenditures (in INR) |
|------------------------------|--------------------------|--|--|---|---|-----------------------------|
| FA Scehdule | Electrical Installations | 11,58,732 | | | | |
| FA Scehdule | Sports Equipment | 49,984 | | | | |
| FA Scehdule | Others | 0 | | | | |
| | | 37,71,32,774 | 2,93,61,133 | 71,19,59,227 | 1,37,98,84,347 | 43,97,45,760 |


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EXPENDITURE
SCHEDULE : 17
SALARIES AND OTHER ALLOWANCES

| PARTICULARS | 31.03.2023 | 31.03.2022 |
|--------------------------------|-----------------------|---------------------|
| Salary and Wages | 1,23,78,16,777 | 52,58,65,018 |
| Employer Contribution to ESI | 7,31,019 | 1,18,130 |
| Employer Contribution to PF | 3,06,04,949 | 1,25,98,606 |
| Gratuity | 5,31,29,684 | 3,08,17,624 |
| Leave Encashment | 2,95,68,006 | -22,41,729 |
| Staff welfare & staff training | 37,90,291 | 17,25,340 |
| Housekeeping Charges | 8,48,04,537 | 2,08,75,208 |
| Security Charges | 4,37,42,136 | 1,12,92,629 |
| TOTAL | 1,48,41,87,398 | 60,10,50,826 |

SCHEDULE : 18
ADMINISTRATIVE EXPENSES

| PARTICULARS | 31.03.2023 | 31.03.2022 |
|-----------------------------------|---------------------|--------------------|
| Advertisement Charges | 5,67,52,919 | 2,18,30,164 |
| Donations | 50,685 | - |
| Office Expenses | 73,23,866 | 51,73,169 |
| Printing and Stationary | 67,61,845 | 48,60,894 |
| Professional Fee | 2,93,06,026 | 1,03,71,298 |
| Adjunct Staff Fee | 1,23,39,942 | 74,93,463 |
| Honorarium | 17,87,350 | 5,47,000 |
| Rates and Taxes | 1,60,18,855 | 79,79,896 |
| Sports and Cultural Expenses | 62,78,921 | 4,35,109 |
| Travelling and Conveyance | 1,31,93,723 | 40,64,506 |
| Legal Expenses | 18,11,480 | 11,44,600 |
| Bad Debts | 5,66,44,328 | - |
| Body donor Expenses | 1,69,294 | - |
| Centenary Celebrations Expenses | 94,30,345 | - |
| UNIVERSITY COMMON EXPENSES | | |
| Academic Council Expenses | 3,26,210 | 1,25,502 |
| Board of Governors Expenses | 1,95,725 | 2,56,999 |
| Research Council Expenses | 5,12,860 | 46,600 |
| Board of Studies Expenses | 2,76,614 | - |
| TOTAL | 21,91,80,989 | 6,43,29,201 |

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N. VISWANATHAN
 B.Com., F.C.A., LL.B.
 Chartered Accountant
 M.No.:026033

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SCHEDULE : 19
OPERATING EXPENSES

| PARTICULARS | 31.03.2023 | 31.03.2022 |
|---|---------------------|---------------------|
| Affiliation Expenses | 21,20,467 | 25,47,236 |
| Camp Expenses | 26,43,084 | 8,71,485 |
| Consumables | 36,90,54,717 | 1,19,06,052 |
| Electricity Charges | 6,44,27,041 | 2,00,22,515 |
| Insurance | 59,27,982 | 59,77,907 |
| Internet Charges | 1,07,18,832 | 43,42,632 |
| Inspection expenses | 21,97,857 | 3,14,000 |
| Lab and Hospital Investigation Charges | 67,83,660 | 3,89,850 |
| Journals | 8,89,467 | 1,51,835 |
| Clinical Training Expenses | 23,03,228 | - |
| E- Journals | 77,90,868 | 55,09,217 |
| Membership & Subscription | 17,61,696 | 20,35,022 |
| News Paper & Periodicals | 1,24,20,218 | 1,31,490 |
| GST ITC Writeoff | 44,550 | - |
| Senior Research Fellowship | 5,56,591 | - |
| Training Expenses | 4,59,717 | - |
| Hospitality Expenses | 1,18,44,696 | - |
| Barber Expenses | 3,77,715 | - |
| Practical and Lab Expenses | 88,55,660 | 33,09,867 |
| Research Centre Expenses | 11,70,556 | 43,656 |
| Research Expenses - Govt. Projects | 1,97,09,220 | 1,88,79,791 |
| Seminar, Conference & Workshop | 3,13,73,141 | 1,66,53,862 |
| Seminar, Conference & Workshop - Support to Staff | 1,87,584 | 25,000 |
| Seed Money - Research Project | 2,57,34,587 | 1,57,822 |
| Student Welfare Expenses | 2,81,26,621 | 1,15,84,320 |
| Student Freeships & Scholarship | 1,91,53,679 | 12,50,100 |
| Student Stipends & Internship Expenses | 21,41,79,710 | 1,89,20,526 |
| Telephone Charges | 12,60,840 | 7,56,952 |
| PG Diploma Expenses | 5,16,000 | 20,43,000 |
| Waste Managemet Expenses | 38,32,377 | 6,51,680 |
| Rent Paid | 1,79,88,950 | 22,14,000 |
| Student event expense | 19,07,664 | - |
| Workshop expenses | - | 35,275 |
| Examination expenses | 17,12,909 | - |
| Rural Health Programme Expenses | 1,35,232 | - |
| CDE, CME, COP & Other Programme Expenses | 19,57,414 | - |
| Books & Uniforms | 6,86,912 | - |
| Hospital Day Expense | 21,60,408 | - |
| TOTAL | 88,29,71,848 | 13,07,25,091 |

N. Viswanathan
N. VISWANATHAN
B.Com., F.C.A., LL.D.
Chartered Accountant
M.No.:026033

SCHEDULE : 20
REPAIRS AND MAINTENANCE

| PARTICULARS | 31.03.2023 | 31.03.2022 |
|-----------------------------|--------------------|--------------------|
| Annual Maintenance Contract | 1,15,97,773 | 30,93,816 |
| Building | 2,17,08,332 | 33,71,607 |
| LED Bulbs & Others | 5,87,867 | 3,99,942 |
| Green Initiative Expenses | 41,06,847 | 15,02,085 |
| Computer & Software | 1,78,94,892 | 75,62,274 |
| Electrical Fitting | 34,48,515 | 6,01,213 |
| Equipment | 60,18,582 | 34,92,578 |
| Generator | 6,25,209 | 5,96,790 |
| Furniture & Fixture | 2,76,773 | 39,530 |
| General | 2,22,46,648 | 17,47,217 |
| Vehicle | 72,50,875 | 16,67,442 |
| Website | 6,42,900 | 5,72,190 |
| Water Conservation Expenses | 3,16,240 | - |
| TOTAL | 9,67,21,452 | 2,46,46,684 |

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SCHEDULE : 21
FINANCIAL EXPENSES

| PARTICULARS | 31.03.2023 | 31.03.2022 |
|--|------------------|------------------|
| Bank Charges | 26,37,280 | 21,53,661 |
| Interest on Overdraft | 1,15,256 | 443 |
| Interest on Loan | 7,43,016 | 21,61,817 |
| Credit Card charges | 1,06,324 | 3,38,921 |
| Credit rating charges | 59,000 | 59,000 |
| Loan Processing & Other Allied Charges | - | 18,88,000 |
| TOTAL | 36,60,876 | 66,01,843 |

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N. VISWANATHAN
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M.No.:026033

M.S.RAMIAH UNIVERSITY OF APPLIED SCIENCES
SCHEDULES FORMING PART OF BALANCE SHEET AS AT MARCH 31ST, 2023

SCHEDULE : 8

| Sl. No. | Particulars | W.D.V As On 01.04.2022 | Additions | Transfer | Total | Rate | Depreciation For The Year | W.D.V. As On 31.03.2023 |
|---------|--------------------------|------------------------|---------------------|---------------------|---------------------|------|---------------------------|-------------------------|
| I | Land - Yarelekanahalli | 14,94,41,395 | - | - | 14,94,41,395 | - | | 14,94,41,395 |
| | Land | 47,58,844 | - | - | 47,58,844 | 10% | 475884.3553 | 42,82,960 |
| | Wall & Fencing | | | | | | | |
| II | Vehicles | 52,54,809 | 44,48,580 | - | 97,03,389 | 20% | 2188241.881 | 75,15,147 |
| III | Equipment | 15,18,69,421 | 5,78,34,663 | - | 20,97,04,084 | 15% | 2,75,74,812.22 | 18,21,29,272 |
| IV | Furniture & Fixtures | 4,41,21,666 | 1,97,84,117 | - | 6,39,05,783 | 15% | 75,78,531 | 5,63,27,252 |
| V | Electric Fittings | 82,33,918 | 11,58,732 | - | 93,92,650 | 15% | 12,83,223 | 81,09,428 |
| VI | Sports Materials | 4,77,308 | 49,984 | - | 5,27,292 | 15% | 75,088 | 4,52,204 |
| VII | Library Books | 1,40,87,066 | 71,86,138 | - | 2,12,73,204 | 15% | 28,18,583 | 1,84,54,621 |
| VIII | Computers & Networking | 2,23,10,448 | 3,33,33,143 | - | 5,56,43,591 | 40% | 1,21,21,019 | 4,35,22,572 |
| IX | Software | 98,39,570 | 2,68,24,451 | - | 3,66,64,021 | 40% | 37,14,195 | 3,29,49,826 |
| X | Building Improvements | 5,04,92,347 | 23,36,99,104 | - | 28,41,91,451 | 10% | 2,65,31,911 | 25,76,59,540 |
| XI | Capital work-in-progress | 14,25,94,116 | 14,67,98,319 | 21,65,80,777 | 7,28,11,658 | - | - | 7,28,11,658 |
| | TOTAL | 60,34,80,908 | 53,11,17,231 | 21,65,80,777 | 91,80,17,362 | | 8,43,61,488 | 83,36,55,874 |

(Signature)



(Signature)

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M.S. Ramaiah University of Applied Science,
Bangalore - 560 054



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