

# **ANNUAL REPORT**

(For Year Ended 31st March 2020)

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### M.S. Ramaiah University of Applied Sciences

#### 1. Preamble

Ramaiah University of Applied Sciences (RUAS) is established as a private University established by

"M. S. Ramaiah University of Applied Sciences Act, 2012" of Government of Karnataka. The University's operations commenced from 30th December 2013 following the issue of Notification No. ED 103 UNE 2013. The University was formally inaugurated on 18th March 2014.

RUAS is sponsored by Gokula Education Foundation (Medical), a Public Charitable Trust of Ramaiah family. RUAS is a Comprehensive University and Unitary in nature. At the time of formation of the University, the Sponsoring Body, by a Resolution integrated the existing institutions, viz., namely M.S. Ramaiah Dental College (1991), M.S. Ramaiah College of Pharmacy (1992), M.S. Ramaiah College of Hotel Management (1993), M.S. Ramaiah School of Advanced Studies (1999), and M.S. Ramaiah Advanced Learning Centre (2012) as Faculties of the new University.

Ramaiah University of Applied Sciences has broadly organized its activities under the following divisions – Academics, Research, Training and Lifelong Learning and Techno Centre. Academic Operations of the University commenced with effect from academic year 2014–15.

At present the University has 8 Faculties comprising 36 Academic Departments and offering Academic Doctoral level programmes, 65 Undergraduate and Postgraduate courses. The University has also established separate Directorates for imparting Training, Skill Development and Lifelong Learning programmes, Industrial Research & Consultancy for Industry, Government and other Public and Private Institutions through its Techno Centre and International Collaborations and Partnership Management programme (ICPM) and Directorate for Student Affairs.

The University has also created Cells: Quality Assurance Cell, Pedagogy and Digital learning Initiatives Cell, Faculty and Academic Leadership Development Cell, RUAS Innovation Centre Technology Business Incubation and Entrepreneurship Development Cell and Social Media Cell.

### 2. History and Background of Sponsoring Body

### Gokula Education Foundation (Medical) (GEF (M))

 $GEF\,(M)\,is\,a\,Public\,Charitable\,Trust\,established\,in\,the\,year\,1980\,with\,its\,head\,office\,at;$ 

GEF Administrative Block,

Gnanagangothri Campus, New BEL Road,

MSR Nagar, Bangalore-560054.

The Late Dr. M.S. Ramaiah, a philanthropist, established the Trust with the objective of establishing educational Institutions and to provide affordable, holistic healthcare for the betterment of mankind. The founder has encapsulated his vision as follows:

"To Deliver Education and Health Care for the Betterment of Mankind"

At present, Dr. M.R. Jayaram, the eldest son of Late Dr. M.S. Ramaiah, is the Chairman of the Trust along with other family members as Advisors.

## **Members of the Trust**

### The following table gives the names of members of the Trust and their relation with the Trust.

Sl. No	Name	Designation
1.	Dr. M.R. Jayaram	Chairman
2.	Shri. M.R. Sampangi Ramaiah	Advisor
3.	Shri. M.R. Seetharam	Advisor
4.	Shri. M.R. Pattabhiram	Advisor
5.	Shri. M.R. Janakiram	Advisor
6.	Shri. M.R. Kodandaram	Advisor
7.	Shri. M.R. Anandaram	Advisor
8.	Shri. M.R. Ramaiah	Advisor
9.	Smt. M.R. Padmavathy	Advisor
10.	Smt. M.R. Prabhavathy	Advisor
11.	Smt. Jayakumari Advisor	
12.	Smt. Indirarani	Advisor
13.	Shri. M.J. Shantharam	Advisor
14.	Shri. M.S. Rajaram	Advisor
15.	Shri. Raksha Ramaiah	Advisor
16.	Smt. Pushpa Prasanna	Advisor
17.	Smt. M.R. Rani	Advisor
18.	Shri. M. A. Navakotiram Advisor	

# GEF (M) Institutions GEF (M) has established and operates the following Educational and Health care institutions:

Sl. No	Name of the Institution	Year of Establishment
1.	Ramaiah Medical College	1979
2.	Ramaiah Medical Teaching Hospital	1984
3.	Ramaiah Institute of Nursing Education and Research	1987
4.	Ramaiah Institute of Physiotherapy	1996
5.	Ramaiah Memorial Hospital	2004
6.	International Medical School	2006
7.	Ramaiah Gokula Ayush Arogyadhama	2008
8.	Ramaiah Rehabilitation Centre	2012

Sl. No	Name of the Institution	Year of Establishment
9.	Ramaiah Institute of Neuro Sciences	2012
10.	Ramaiah University of Applied Sciences	2013

In addition, the Ramaiah family has also established a separate Trust by the name of Gokula Education Foundation (GEF) in the year 1962 which has established and runs the following institutions:

Sl. No	Name of the Institution	Year of Establishment
1.	Ramaiah Institute of Technology	1962
2.	Ramaiah Composite Junior College	1993
3.	Ramaiah Vidyanikethan	1994
4.	Ramaiah College of Arts, Science and Commerce	1994
5.	Ramaiah College of Law	1995
6.	Ramaiah Institute of Management Studies	1995
7.	Ramaiah Polytechnic	1997
8.	Ramaiah College of Education	2010

The educational institutions under the various Trusts are managed by a group of professionals with each group being headed by a Chief Executive. While the majority of the Ramaiah Institutions are located at the Gnanagangothri Campus, New BEL Road, Bangalore, some are located in and around the city. The Institutions are very popular all over India and have a student strength of more than 20,000.

### Vision, Mission and Objectives

#### Vision

"MSRUAS aspires to be the premier university of choice in Asia for student centric professional education and services with a strong focus on applied research whilst maintaining the highest academic and ethical standards in a creative and innovative environment"

### Mission

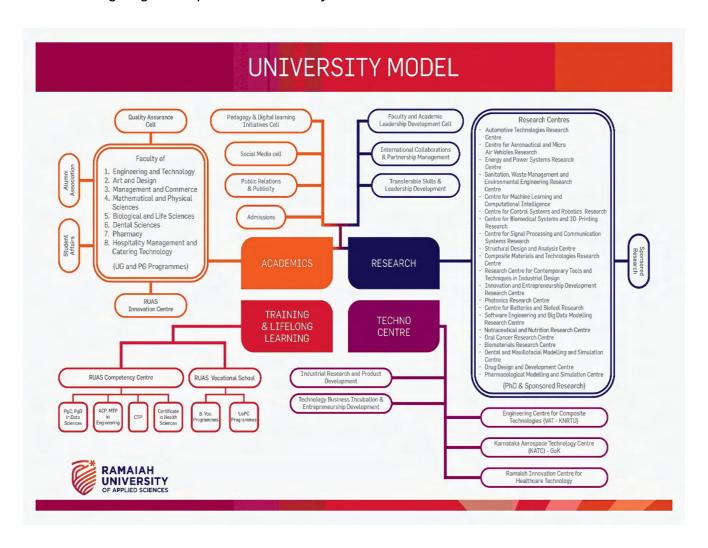
Our purpose is the creation and dissemination of knowledge. We are committed to creativity, innovation and excellence in our teaching and research. We value integrity, quality and teamwork in all our endeavors. We inspire critical thinking, personal development and a passion for lifelong learning. We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

### Objectives

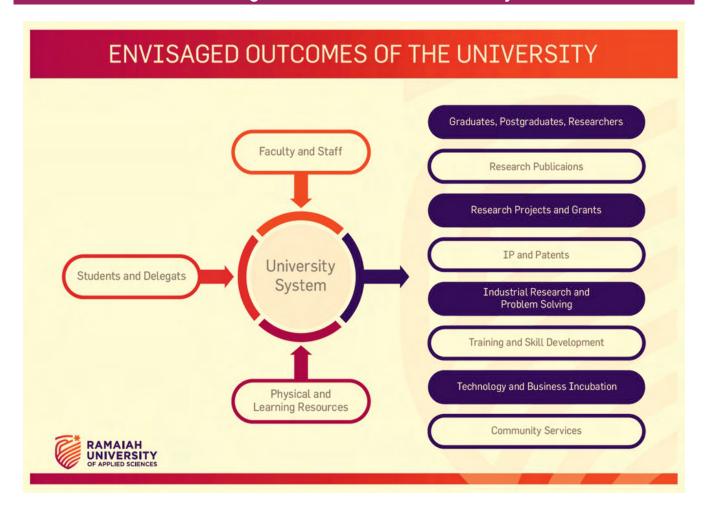
- To disseminate knowledge and skills through instructions, teaching, training, seminars, workshops and symposia in Engineering and Technology, Art and Design, Management and Commerce, Health and Allied Sciences, Physical and Life Sciences, Arts, Humanities and Social Sciences, Life and Allied Health Sciences, Dental Sciences, Pharmacy, Hospitality Management and Catering Technology to equip students and scholars to meet the needs of industries, business 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 meet the challenges that arise in industry, business and society
- 3. To promote health, human well-being and provide holistic healthcare
- 4. To provide technical and scientific solutions to real life problems posed by industry, business and society in Engineering and Technology, Art and Design, Management and Commerce, Health and Allied Sciences, Physical and Life Sciences, Arts, Humanities and Social Sciences
- 5. To instill the spirit of entrepreneurship in our youth to help create more career opportunities in the society by incubating and nurturing technology product ideas and supporting technology backed business.
- 6. To identify and nurture leadership skills in students and help in the development of our future leaders to enrich the society we live in
- 7. To develop partnership with universities, industries, businesses, research establishments, NGOs, international organisations, governmental organisations in India and abroad to enrich the experiences of faculties and students through research and developmental programmes

### **University Model**

The following diagram depicts the University Model



# **Envisaged Outcomes of the University**





### **University Philosophy**



Education with Devotion (Bhakthi) is a process of Perfection for larger good

The University's philosophy is depicted through a picture which has two Swans, a Book and a Lamp as graphic elements with the words "Jnanam Vignyanam Cha Bhakthisahitham" written underneath. The Sanskrit word for Swan is hamsa or hansa, and is the vehicle of Goddess Saraswati, the Goddess of Wisdom. The Swan symbolizes purity par excellence and fidelity. The two Swans represent symbol of life, fertility and beauty. The Book represents the Knowledge and the Lamp with the rays represents devotion and fulfilment. The picture as a whole represents the philosophy of the University to generate and disseminate knowledge for the larger good of the society we live in.

### Chancellor's Message



It gives me great pleasure to note that the University has completed six academic years and entered the seventh year. The University was launched with the intention of embracing global educational practices into our existing higher education system to bring it on par with higher education system in vogue in developed countries. Initially, I was rather skeptical about the acceptance of the system of education that had been designed by our faculty members who had gained several years of experience in imparting education using the practices adopted in developed countries particularly in Europe. I would like to convey my thanks to our students and their parents for wholeheartedly embracing the new system. At the end of the each academic year I have witnessed the positive energy amongst the students, parents and staff and, on enquiry, students have expressed their opinion that although the system demands enormous efforts the learning experience made it worthwhile.

In India, IITs are known for engineering and technology education, IIMs are known for management education, NIPER is known for pharmacy education, AIIMS is known for medical education and NID is known for design education. It is my dream that we at Ramaiah University of Applied Sciences should replicate the combined characteristics of all these institutes and achieve the same status of excellence in its field. I am confident that this challenge will be accepted and fulfilled by the members of faculty of the University and its administrators. Collectively, we are aiming to develop a great institution that our nation can feel proud of while serving future generations, focusing on developing global citizens.

I wish great success to all the members of the University in their endeavor to achieve excellence in higher education.

**Dr. M. R. Jayaram**Chancellor

### Vice Chancellor's Message



Moving Forward - Path to Excellence

It has been an exciting year for the Ramaiah University of Applied Sciences with several initiatives enabling the growth of the university and sustaining its academic excellence.

The five-year strategic planning for the University has been a major undertaking. It started with the skeleton strategy presentations by the Vice Chancellor to articulate the vision of the University. This was followed by a year-long discussion and strategic engagements within and outside the university involving the faculty, Heads, Deans, Pro-Vice Chancellors, and also involving nationally and internationally renowned scholars. Then the each of the Department Heads was invited to present individual departmental plans aligning with that of the university. The next step is for the Deans and Pro-Vice Chancellor to present the plans for their respective domains. We are confident that this process will streamline the University operations in academic, fiscal, infrastructure matters to enable a path of excellence for the University.

We have been very proactive in establishing international partnerships and several MoUs have been signed with a number of Universities in U.S., Europe, and Australia for comprehensive collaboration in educational and research activities, faculty and student exchanges and distinguished visiting professor programs.

We have organized numerous distinguished seminars and workshops to enhance the intellectual climate of the University with speakers from UK, Australia and U.S.A giving outstanding seminars in cutting edge science and technology disciplines.

We have introduced faculty promotion process for the first time in the university, with a process that mirrors the guidelines of the American Association of University Professors and also the Indian National Education Policy 2019. The first batch of 15 faculty members received promotions, and this has been a monumental moment for the University.

We have introduced faculty and staff annual award system. In an annual awards and faculty promotions ceremony event, thirty faculty members received exemplary awards in the categories of teaching, research and service and fifteen non-teaching staff members received outstanding performance awards.

In response to wide-spread faculty criticism and feedback, we have abandoned the "module system" and have moved completely to semester system and this has

### Vice Chancellor's Message

immediately resulted in improvement in student performance.

The B.Tech programs have been revised to bring down the total number of credits to 160, in compliance with the AICTE guidelines.

We have indoctrinated innovation courses as part of curriculum giving up to six credits to foster creativity and entrepreneurship in undergraduate programs.

We have invited and enlisted internationally renowned scholars from prominent U.S. Universities to serve as members in important university committees such as the Academic Council, Research Council and Board of Studies for most of our academic departments.

We are pleased to see that these initiatives are moving the University in a solid path of academic excellence.

Dr. SIVAGURU S. SRITHARAN
Vice Chancellor

### **UGC Approval Letter**

In 2016, the University Grants commission (UGC) has approved and granted 2f status to M. S. Ramaiah University of Applied Sciences and has empowered the University to award degrees vide notification No. F. 8-22/2013 (CPP-1/PU). The notification from UGC is appended below.

Ph 23236351, 23232701, 23237721, 23234116

www.ugc.ac.in

विश्वविद्यालय अनुदान आयोग बहादुरशाह जफर मार्ग नई दिल्ली-110 002 UNIVERSITY GRANTS COMMISSION BAHADURSHAH ZAFAR MARG NEW DELHI-110 002

No.F.8-22/2013 (CPP-1/PU)

Speed Post

July, 2016

2 1 JUL 2016

The Registrar
M.S. Ramaiah University of Applied Sciences,
Administrative Block, New BEL Road,
MSRIT Post, Bangalore – 560 054,
Karnataka

Sub: - Status of M.S. Ramaiah University of Applied Sciences, Karnataka.

Sir.

With reference to your letter dated 21.07.2016, I am directed to inform you that M.S. Ramaiah University of Applied Sciences, Administrative Block, New BEL Road, MSRIT Post, Bangalore – 560 054, Karnataka has been established by an Act of State Legislature of Karnataka as a Private University and is empowered to award degrees as specified under Section 22 of the UGC Act through its main campus at regular mode with the approval of Statutory Bodies/Councils, wherever its required.

M.S. Ramaiah University of Applied Sciences, Bangalore – 560 054, Karnataka is not authorized to open study centre/ off campus centre beyond the territorial jurisdiction of the state as per the judgment of Hon'ble Supreme Court of India in case of Prof. Yashpal Vs. State of Chhattisgarh. The University cannot open its centre(s) even within the state as per the provision of UGC (Establishment of and Maintenance of Standards in Private Universities) Regulations, 2003 without the approval of UGC.

The UGC has not granted any approval to the University to open off campus/study centre.

Yours faithfully

(Kundia Mahajar Under Secretary

### 3. University Governance

The Governance of the University rests with the Board of Governors who determine the major policy matters and set the vision for the University's growth and development plans. The day-to-day management of the University rests with the Board of Management which is supported by the Academic Council, Research and Innovation Council, Skill and Vocational Training Council and the Finance Committee.

### **Board of Governors**

In accordance with Section 23 of the Act, the Board of Governors is the principal governing and policy-making Body of the University.

Sl. No.	Profile	Designation	Appointed By
1	Dr. M. R. Jayaram Chairman, Gokula Education Foundation(GEF)	Ex-Officio Member - Chairperson	Sponsoring Body
2	Mr. M. R. Kodandaram Trustee, Gokula Education Foundation(GEF)	Nominated Member	Sponsoring Body
3	Mrs. M. R. Prabhavathy Trustee, Gokula Education Foundation(GEF) Woman Member nominated by Sponsoring Body	Nominated Member	Sponsoring Body
4	Principal Secretary , Higher Education, GoK,	Appointed Member	Govt. of Karnataka
5	Principal Secretary, Medical Education, GoK	Appointed Member	Govt. of Karnataka
6	UGC, Nominee Eminent educationist	Appointed Member	UGC
7	Dr. Suresh Babu S	Appointed Member	Govt. of Karnataka
8	Dr. A. Sivathanu Pillai DRDO Scientist	Appointed Member	Chancellor
9	Dr. R. Natarajan Former Director, IIT Madras Former Chairman, AICTE, New Delhi	Appointed Member	Chancellor
10	Prof. Sivaguru S Sritharan Vice Chancellor, RUAS	Ex-Officio Member	Chancellor
11	Dr. Govind R. Kadambi Pro Vice Chancellor – Research, RUAS	Ex-Officio Non- Voting Member	Chancellor
12	Dr. Sundaresh D.C. Pro Vice Chancellor - Health Sciences, RUAS	Ex-Officio Non- Voting Member	Chancellor
13	Dr. A. R. Subramanian, Registrar, RUAS	Ex-Officio Non- Voting Member	Chancellor

# **Board of Management**

In accordance with Section 24 of the Act, the Board of Management is the principal, executive body of the University and is entrusted with all the management of all day-to-day operations and implementing the vision set out by the Board of Governors.

### The Board of Management members are:

Sl.No	Profile	Designation	Appointed by
1	Prof. Sivaguru S Sritharan Vice Chancellor	Ex-Officio Member - Chairperson	Chancellor
2	Mr. M.R. Sreenivasa Murthy CE , GEF (M)	Nominated Member	Sponsoring Body
3	Mr. B.N. Subramanya Advisor GEF(M)	Nominated Member	Sponsoring Body
4	Dr. Govind R. Kadambi Pro Vice Chancellor - Research	Ex-Officio Member	Chancellor
5	Dr. Sundaresh D.C Pro Vice Chancellor - Health Sciences	Ex-Officio Member	Chancellor
6	Dr. A. R. Subramanian Registrar	Ex-Officio Member & Secretary	Chancellor
7	Dr. Raghavendra V Kulkarni Director - Academics	Ex-Officio Member	Chancellor
8	Dr. H. M. Rajashekara Swamy Dean -FET	Appointed Members	Vice Chancellor
9	Dr. B.V. Sreenivasa Murthy Dean-FDS	Appointed Members	Vice Chancellor
10	Dr. V. Madhavan Dean - FPH	Appointed Members	Vice Chancellor
11	Prof. Abby Mathew Dean - FHMCT	Appointed Members	Vice Chancellor
12	Mr. Lohith H S Associate Dean - FAD	Appointed Members	Vice Chancellor
13	Dr. H. S. Srivatsa Dean - FMC	Appointed Members	Vice Chancellor

### **Academic Council**

In accordance with Section 25 of the Act, the Academic Council is the principal, academic policy-making body of the University. The Academic Council has control over, and responsibility for the maintenance of standards of instruction, education and examinations and the conferment of under graduate and post-graduate degrees, diplomas and other awards and titles in the University.

### The Academic Council members are:

Sl. No	Name	Designation	Email ID	
1.	Dr. Sivaguru S Sritharan	Vice Chancellor	vc@msruas.ac.in	Chairperson
2.	Dr. Govind R. Kadambi	Pro Vice Chancellor- Research	pvc.research@msrua s.ac.in	Member
3.	Dr. Sundaresh D. C.	Pro Vice Chancellor - Health Sciences	pvc.hs@msruas.ac.in	Member
4.	Dr. A.R. Subramanian	Registrar	registrar.ruas@msrua s.ac.in	Member
5.	Dr. Raghavendra V. Kulkarni	Director of Academics	director.acad@msrua s.ac.in	Member - Secretary
6.	Dr. B.V. Sreenivasa Murthy	Dean - FDS	dean.ds@msruas.ac.i n	Member
7.	Dr. H.M. Rajashekara Swamy	Dean(I/C) - FET	dean.et@msruas.ac.in	Member
8.	Prof. Abby Mathew	Dean - FHMCT	dean.hc@msruas.ac.i n	Member
9.	Dr. Deepak. A. S	Dean - FMPS	dean.mp@msruas.ac.i n	Member
10.	Dr. H. S. Srivatsa	Associate Dean - FMC	dean.mc@msruas.ac.i n	Member
11.	Dr. V. Madhavan	Dean - FPH	dean.ph@msruas.ac.i n	Member
12.	Dr. Malalli Gowda	Dean - FLAHS	dean.ls@msruas.ac.in	Member
13.	Mr. H. S. Lohit	Associate Dean - FAD	hod.id.ad@msruas.ac. in	Member
14.	Prof. B. Rajeev	Professor, Department of Statistics and Mathematics, Indian Statistical Institute Bangalore	brajeev@isibang.ac.in	Member

15.	Prof. A. K. Nandakumaran	Professor, Department of Mathematics, Indian Institute of Science, Bangalore	nands@iisc.ac.in	Member
16.	Prof. Raju K. George	Dean of Research and Development Indian Institute of Space Science and Technology Thiruvananthapura, Kerala	george@iist.ac.in rkg.iist@gmail.com	Member
17.	Prof. Laxminarayan L. Raja	Professor, Department of Aerospace Engineering and Engineering Mechanics The University of Texas at Austin, USA	lraja@mail.utexas.ed u	Member
18.	Prof. Murugesu Sivapalan	Professor Department of Civil and Environmental Engineering, University of Illinois at Urbana- Champaign, USA	sivapala@illinois.edu	Member
19.	Prof. <b>M</b> eena	Professor, Department of Conservative Dentistry and Endodontics, V. S. Dental College Bangalore	mndrmeena@gmail.c om	Member
20.	Prof. B. G. Prasad	Professor Department of Computer Science, BMS College of Engineering, Bull Temple Road Basavanagudi, Bangalore	bgprasad.cse@bmsce .ac.in	Member
21.	Prof. Ravishankar Sankaranarayanan	Professor, Department of Electronics and Communication Engineering, R V College of Engineering	ravishankars@rvce.e du.in	Member

### Board of Studies, Research and Innovation Council

The University has established separate Board of Studies for the various Courses offered by the different Faculties. Each Board of Studies (BoS) comprises a team of internal faculty members and external academic and industry experts. The curriculum prepared by the Board of Studies is presented to the Academic Council for its approval for all courses offered by the University.

The list of Board of Studies members is given in **Annexure 1** 

### Research and Innovation Council

In accordance with Section 26 of the Act, the Research and Innovation Council is the principal authority to organize, promote and disseminate research related activities in the University. The Research & Innovation Council has control over, and responsible for, the maintenance of standards of instruction, education and examinations and conferment of all degrees for the doctoral research programmes in the University.

### The Research and Innovation Council members are:

Sl. No.	Name	Designation	Membership
1	Dr. Sivaguru S. Sritharan	Vice Chancellor	Chairman
2	Dr. Govind R. Kadambi	Pro Vice Chancellor-Research	Member - Secretary
3	Dr. Sundaresh D. C.	Pro Vice Chancellor - Health Sciences	Member - Secretary
4	Dr. A. R. Subramanian	Registrar	Member
5	Mr. N.C. Shekar	Chief Finance Officer	Member
6	Dr. Raghavendra V. Kulkarni	Director of Academics	Member
7	Dr. H.M. Rajashekara Swamy	Dean (I/C) - FET	Member
8	Dr. B. V. Sreenivasa Murthy	Dean - FDS	Member
9	Dr. V. Madhavan	Dean - FPH	Member
10	Prof. J. N. Reddy	Oscar S. Wyatt Endowed Chair Professor and Regents Professor of Mechanical Engg., Texas A&M University, USA	Member
11	Prof. B. N. Raghunandan	Retd. Scientist, IISc - Bangalore	Member
12	Prof. V. Prakash	Retd. Distinguished Scientist, CSIR-India	Member
13	Prof. A. Anantharaman	Visiting Professor Harvard Business School - Strategy & General Management	Member
14	Dr. N. Venkateswaran	Formerly with ABB Global Industries & Services Pvt. Ltd.	Member

15	Dr. S. Srinivasa Rao	Scientist – F, CVRDE – DRDO Chennai	Member
16	Dr. M. S. Muthumurugan	Sri Ramachandra University, Porur – Chennai	Member
17	Dr. T. Thangamariappan	Biocon Bristol Myers Squibb R & D Centre, Bangalore	Member
18	Dr. K. M. Sharath Kumar	Director – Research	Member

### **Skills and Vocational Training Council**

The Role of the Council are:

- 1. Identifying the need for various training, skill development and lifelong courses
- 2. Directing on the development and effective delivery of various training, skill development and lifelong courses
- 3. Interacting with various government and industrial and business organisations to evolve policies for framing and delivering training, skill development and lifelong learning courses
- 4. Framing policies for Training, skill Development and lifelong learning courses
- 5. Approving the training, skill development and lifelong courses
- 6. Approving various awards for training, skill development and lifelong courses

# The Skills and Vocational Training Council members are:

Sl.	Name	Designation	Membership
No.			
1	Dr. Sivaguru S. Sritharan	Vice Chancellor	Chairperson
2	Dr. A. R. Subramanian	Registrar	Member
3	Mr. Arup Bhattacharya	Director- DTLL	Member- Secretary
4	Dr. H. M. Rajashekara Swamy	I/C Dean- FET	Member
5	Dr. B. V. Sreenivasa Murthy	Dean - FDS	Member
6	Dr. V. Madhavan	Dean - FPH	Member
7	Prof. Abby Mathew	Dean- FHMCT	Member
8	Mr. H. S. Lohith	Assoc. Dean- FAD	Member
9	Dr. H. S. Srivatsa	Assoc. Dean- FMC	Member
10	Prof. Deepak A. S.	Dean- FMPS	Member
11	Mr. Jyothi Shankar	Director- TSLD	Member
12	Mr. M Lokraj	Secretary General I/C, FKCCI Bangalore	Member
13	Mr. Gaurav Gupta, IAS, Commissioner	Department of Employment and Training, Govt. of Karnataka	Member
14		Special officer, Skills Development, Department of Collegiate Education, Govt. of Karnataka	Member
15	Dr. Rajkumar Alle	Karnataka State Dental Council	Member
16	Mr. Hareesh Hegde	Former President, Peenya Industries Association, KASSIA	Member
17	Mrs. Latha Girish	Former President, Peenya Industries Association	Member
18	CA Vishnu Moorthi	Sr. Partner, Vishnu Daya & Co, Chartered Accountants	Member
19	Mr. Murali Krishnan	Director, HR & Business dev, Taj West End	Member

# The Skills and Vocational Training Council members & Finance Committee

20	Mrs. Uma Reddy	Former president CLIK	Member
21	Mr. Madhusudhan	Gen Manager, Methods and Plant Engineering, Ace Designers.	Member
22	Mr. Jays Chandy	HR consultant	Member
23	Mr. K. P. Murthy	Consultant, skill Development	Member

### **Finance Committee**

In accordance with Section 27 of the Act, the Finance Committee is the principal, financial decision-making authority of the University and deals with all matters pertaining to its finances and property.

### The Finance Committee members are:

Sl. No.	Profile	Designation	Appointed by
1	Mr. M.R. Sreenivasa Murthy, CE,GEF (M) The Chancellor (or his nominee)	Chairperson Ex-Officio (Nominated) Member	Chancellor
2	Dr. Sivaguru S. Sritharan Vice Chancellor, RUAS	Ex-Officio Member	Chancellor
3	Mr. B.N. Subramanya , Advisor (GEF(M)) Sponsoring Body	Nominated Members	Sponsoring Body
4	Mr. Venugopala Sastry, CFO (GEF-M)) Sponsoring Body	Nominated Members	Sponsoring Body
5	Dr. A. R. Subramanian, Registrar, RUAS	Ex-Officio Member & Secretary	Chancellor
6	Mr. N. C. Shekar, CFO, RUAS	Member	Chancellor

# **Fee Regulation Committee**

### **Fee Regulation Committee**

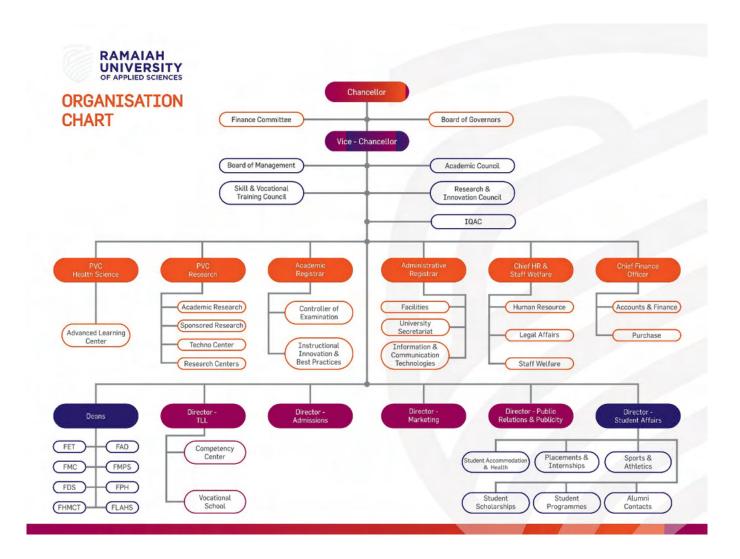
In accordance with the requirements of the M.S. Ramaiah University of Applied Sciences Act, 2012 the University has set up a Fee Regulation Committee for determining the fees payable by Karnataka students for whom seats are reserved by the University.

The Committee comprises the following members:

- 1. Justice (Retd.) S. R. Venkatesh Murthy
- 2. CA Jairam E.S.
- 3. Principal Secretary, Higher Education Department, Govt. of Karnataka
- 4. Principal Secretary, Medical Education, Govt. of Karnataka
- 5. Dr. Sivaguru S. Sritharan, Vice Chancellor, RUAS
- 6. Mr. N.C. Shekar, CFO, RUAS

### **Organization Chart**

The chart below depicts the different Statutory Governing Bodies of the University as also the management and reporting hierarchy.



## **Academics**

The Academic division of the University is responsible for offering Undergraduate, Postgraduate and Doctoral Programmes of the University and awarding corresponding degrees to the students.

## Faculties of the University

There are 8 Faculties offering various UG, PG and Doctoral Programme

Sl. No	Faculty	Dean / Associate Dean
1.	Faculty of Engineering and Technology (FET)	Dr. H.M. Rajashekara Swamy Dean(I/C)
2.	Faculty of Art and Design (FAD)	Mr. H. S. Lohit Associate Dean
3.	Faculty of Management and Commerce (FMC)	Dr. H. S. Srivatsa Associate Dean
4.	Faculty of Mathematical And Physical Sciences(FMPS)	Dr. Deepak A. S.
5.	Faculty of Dental Science(FDS)	Dr. Sreenivasa Murthy
6.	Faculty of Pharmacy(FPH)	Dr. Madhavan Dean
7.	Faculty of Hospitality Management and Catering Technology(FHMCT)	Prof. Abby Mathew Dean
8.	Faculty of Life And Allied Health Sciences(FLAHS)	Dr. Malalli Gowda Dean

# **Directorates of the University**

The University has established 9 Directorates to support Academics, Research activities, Student Placement, Student Welfare, Development of Transferrable Skills and Techno Centre, International Collaborations and Public relations and Publicity of the University:

Sl. No	Directorate	Director/ Deputy Director
1.	Admissions	Dr. J. P. Prasanna Kumar Director
2.	Student Affairs	Dr. Reema Chaudhury Director
3.	Training and Lifelong Learning (DTLL)	Mr. Arup Bhattacharya Director
4.	Sponsored Research (DSR)	Dr. Sharath Kumar Director
5.	Transferable Skills and Leadership Development (DTSLD)	Mr. Jyothi Shankar Director
6.	Techno Centre	Dr. Govind R. Kadambi
7.	International Collaborations & Partnership Management	Dr. Sharath Kumar
8.	Dental Hospital	Dr. Prakashchandra Director
9.	Public Relations and Publicity	Mr. Gautham U. G. Deputy Director

# **Academic Departments of the University**

There are 36 Departments through which various academic courses of the University are offered. The following table shows the different departments of respective Faculties.

Sl. No	Faculty	Department
		Automotive and Aeronautical Engineering
		Civil engineering
		Computer Science and Engineering
-	FFT	Electrical Engineering
1	FET	Electronics and Communication
		Engineering
		Mechanical and Manufacturing
		Engineering
2	FAD	Product Design
	FAU	Fashion Design
		Management Studies
3	FMC	Commerce
	FIVIC	spital Administration
		Management Studies - Hospitality
		Food & Beverage Service
4	FHMCT	Front Office
		Food and Beverage Production
		Housekeeping
	FPH	Pharmacognosy
		Pharmaceutical Chemistry
5		Pharmaceutics
		Pharmacology
		Pharmacy Practice
		Oral Medicine and Radiology
		Periodontics
		Oral & Maxillofacial Surgery
		Conservative Dentistry and Endodontics
6	FDS	Orthodontics
		Oral Pathology and Microbiology
		Public Health Dentistry
		Pedodontics and Preventive Dentistry
		Prosthodontics
		Physics
7	FMPS	Chemistry
		Mathematics
		Department of Biotechnology
8	FLAHS	Department of Food Technology
		Department of Allied Health Sciences

# Other Departments / Cells of University

Sl. No	Centre of the University	Head/Chief
		Ms Sindhu Ramu
1	Human Resource Department	Senior Manager - HR & Staff Welfare
2	Accounts Department	Mr S. Shanthamurthy
	Accounts Department	Manager
3	DLIAS Innovation Contra	Dr C. Narendra Babu
3	RUAS Innovation Centre	Head
4	University Secretariat	Mr Pavan S. Yadav
7	University Secretariat	Executive Assistant
5	University Data Centre	Mr Goutham Nagaraja
5	University Data Centre	Manager
6	ICT Danartment	Mr T. R. Nagesh
D	ICT Department	Chief Manager - ICT
8	Coarte Bassus Carrenus	Mr Kumar G. M.
Ö	Sports - Peenya Campus	Manager-Sports
9	Sports Changangathri Campus	Mr Dayananda D. B.
9	Sports - Gnanagangothri Campus	Manager-Sports
10	Alumni Association	Mr H.S. Srikishen
10		Head – Student Affairs

Sl. No	Cells of the University	Head/Chief
1	Quality Assurance Cell	Mr Parameshwar S. Chief - Quality Assurance Cell
2	Pedagogy and Digital Initiative Cell	Ms Jayanthi Chatterjee Head - PDLI Cell
3	Faculty and Academic Leadership Development Cell	Dr Sandhya Iya Head - FALD Cell
4	Technology Business Incubation and Entrepreneurship Development Cell	Prof Govind R. Kadambi Pro Vice Chancellor - Research
5	Social Media Cell	Mr Pavan S. Yadav Associate Head

### **Quality Assurance Cell**

University had established Quality Assurance Cell (QAC) from the inception from the year 2014.

# Quality Assurance Cell ensures the following in the process of Academic Delivery and Assessment:

- Students' feedback is obtained in a semester and feedback analysis report is prepared by QA Cell. The student feedback analysis report is made available to the Dean of the faculty to initiate corrective actions(if any)
- Consolidate Student Feedback Reports, shared with individual faculty members and Deans of respective faculty and update the final report with Dean's observations (Sample Feedback Analysis and Action Taken report attached)
- Conduct Exit Feedback for outgoing students
- Monitor Proctor System for support and guidance to students(Proctor-Allotment details for the academic year 2019-20.

### Formation of Internal Quality Assurance Cell (IQAC)

As per the office order issued by the Hon'ble Vice Chancellor in Sep' 19, IQAC was formed in-line with guidelines provided by NAAC.

There was a revision in the constitution members in the month of May' 20 and details of the committee with approval.

### Goal of IQAC:

As stated through guidelines, the goals of IQAC are:

- To develop a quality system for conscious, consistent, and catalytic programmed action to improve the academic and administrative performance of the University
- To promote measures for institutional functioning towards quality enhancement through internationalization of quality culture and institutionalization of best practices

### Role of IQAC:

It shall evolve mechanisms and procedures for

- Ensuring timely and efficient monitoring of Quality Enhancement (QE) activities in various Faculties of the University
- Channelizing and integration of modern methods of teaching and learning
- Credibility of assessment and evaluation process
- Ensuring the adequacy, maintenance and proper allocation of support structure and services
- Sharing of research findings and networking with other institutions in India and abroad

### **Functions of IQAC:**

Achievement of academic excellence is possible only through virtue of quality enhancement measures chartered towards the optimum operational effectiveness of the institution. As highlighted in the guidelines, IQAC will have the following broad functions:

### **Functions of IQAC**

- Develop and monitor the application of quality benchmarks / parameters for the various academic and administrative activities of the University.
- Facilitating the creation of a learner-centric environment conductive for quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process.
- Arrangement for feedback responses from students, parents, industry/employer and other stakeholders on quality-related institutional processes
- Dissemination of information on the various quality parameters of teaching and research and education etc.,
- Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles.
- Documentation of the various programmes / activities of the HEI, leading to quality improvement.
- Acting as a nodal agency of the University for coordinating with all quality-related activities, including adoption and dissemination of good practices.
- Development and maintenance of Institutional database through MIS for the purpose of maintaining, enhancing the institutional quality.
- Development of Quality Culture in the University.
- Preparation of the Annual Quality Assurance Report (AQAR) of the University based on the quality parameters / assessment criteria developed by the relevant quality assurance body (like NAAC, NBA, AB) in the prescribed format (post accreditation).
- Bi-annual development of Quality Radars (QRs) and Ranking of Integral Units i.e. Faculty of the University based on the AQAR.
- Interaction with AQACs in the pre and post accreditation quality assessment, sustenance and enhancement endeavours.

### Activities initiated by IQAC during last academic year are as follows:

- 1. Prior to formation of IQAC, RUAS team participated in a seminar on NAAC presented by **Dr. P.N. Razdan,** Principal Advisor, Quality Assurance & Excellence Cell, GEF (M) with the topic "New Policies of NAAC Accreditation for University"
- 2. Internal Quality Assurance Cell (IQAC) of RUAS has organised one-day symposium on "Quality Advances for collective assessment in accreditation" followed by "An interactive Session on Accreditation Processes in Higher Education Institutes (HEI's)" with Prof Dilip Kumar Patnaik on 20th Nov'2019
- 3. Orientation on "Accreditation Software and Assessment tool" by Mr. Suman from TimesPro group on 26th Feb 2020
- 4. Feedback Forms with relevant parameters to be obtained from all the stakeholders designed as per NAAC requirement
- 5. Core Team under IQAC constituted to work on NAAC Accreditation under leadership of Prof. Govind Kadambi, Pro-Vice Chancellor, Research from 3rd week of Feb' 2020
- 6. Mock Student Satisfaction Survey(SSS) conducted as per advice from Dr. P.N. Razdan,

### Activities initiated by IQAC during last academic year are as follows

- Principal Advisor, Quality Assurance & Excellence Cell, GEF (M) and around **2500**+ **responses** were analysed and draft report submitted
- 7. IQAC initiated **conduction of on-lines classes for many courses on MOOCs platform provided on TimesPro** portal with uploading of pre-recorded sessions and live chat with attendance monitoring reports
- 8. IQAC initiated **on-line webinars** for Faculty members and students on **Research Methodology** conducted by NIT-K during the first three weeks of March 2020 through TimesProportal
- 9. IQAC initiated a talk on "Value Added Courses/Internships/Project" offerings from TimesPro portal

### **On-going Activities:**

- 1. Presently, IQAC has initiated conducting Course Curriculum feedback from students in on-line mode using RUAS portal (ERP) and also Faculty-Feedback.
- 2. Employer Feedback and Alumni Feedback conduction initiated through support from Directorate of Student Affairs
- 3. RUAS Portal (ERP) enabled now to conduct another Mock Student Satisfaction Survey scheduled in the month of Sep' 2020.
- 4. **NAAC progress:** IQAC Core team under guidance of Prof. Govind R Kadambi, Pro-Vice Chancellor, Research & Director-IQAC and Dr. P.N. Razdan, Principal Advisor, Quality Assurance & Excellence Cell, GEF (M) is coordinating overall NAAC activities with progress presented at various stages.
- 5. Initial Self-Study-Report (SSR) targeted to be completed by Dec 2020.

### **Proctoral System**

The University has implemented the Proctoral System to guide the students periodically on registration for credits, their studies, review of attendance and performance, reporting the attendance and performance to the parents. The University ensures that there is at least one Proctor for every 20 Undergraduate students.

The Consolidated Proctoral System faculty wise is shown in Annexure 2

# **UG and PG Programmes Offered**

There are 27 programmes offered by various Faculties of the University. The following table shows the various programmes offered by respective Faculties.

Sl. No.	Faculty	Programmes Offered
1	FET	Bachelor of Technology (B. Tech.)
	1 🗀 1	Master of Technology (M. Tech.)
2	FAD	Bachelor of Design (B. Des.)
	17.8	Master of Design (M. Des.)
		Master of Business Administration (MBA)
		Master of Commerce (M. Com.)
3	FMC	MBA in Hospitality Management (MBA-HM)
]	1140	MBA in Pharma Business Management (MBA-PBM)
		B.Com (Hons) - Accounting & Finance
		BBA
4	FHMCT	Bachelor of Hotel Management (BHM)
		Bachelor of Pharmacy (B. Pharm.)
5	FPH	Doctor of Pharmacy (Pharm. D.)
		Master of Pharmacy (M. Pharm.)
6	FDS	Bachelor of Dental Surgery (B.D.S.)
0	FDS	Master of Dental Surgery (M.D.S.)
_	FMPS	Master of Science (M. Sc.) - Physics, Chemistry, Mathematics
7		B.Sc.(Hons)-Physics, Chemistry, Mathematics & Statistics/Electronics/Computer Science
		B.Sc. (Hons) Bio Technology
		B.Sc. (Hons) Food Processing and Technology
		B.Sc. (Hons) AHS- DTT, OTT, MRIT, CCT &
0	FLALIC	Optometry
8	FLAHS	Master of Hospital Administration (MHA)
		M.Sc. Bio-Technology
		M.Sc. Food Science & Technology
		M.Sc. Molecular & Cellular Biology
Doctoral Programme leading to Ph. D. degree		All Faculties offer Doctoral Programme

# Programmes & Courses

### New UG Programmes Proposed for the year 2020-21

Sl. No.	Faculty	Programmes Proposed	
1		B. Tech. Mechanical Engineering (Robotics)	
2	Engineering 9	B. Tech. Computer Science Engineering (Artificial Intelligence and Machine Learning)	
3	Engineering & Technology	B. Tech. Computer Science Engineering (Mathematics & Computing)	
4		B. Tech. Computer Science Engineering (Information Sciences and Engineering)	
5	Life and Allied Health Sciences	Master of Public Health (MPH)	
6	School of Social Sciences	MA in Public Policy	
7	Law	B.Sc. LLB (Hons)	

### Programmes, Courses and Student Intake

The following table describes the student intake for various programmes and Courses of the University.

Faculty	Programmes	Courses	Intake
Engineering and Technology	B. Tech.	Aerospace Engineering	60
		Automotive Engineering	60
		Civil Engineering	120
		Computer Science and Engineering	180
		Electrical and Electronics Engineering	120
		Electronic and Communication Engineering	120
		Mechanical Engineering	120
	M.Tech.	Data Science and Engineering	18
		Manufacturing Technologies and Engineering Management	18
		VLSI and Nanotechnology	18
		Power Electronics and Drives	18
		Aerospace Engineering	18
		Automotive Engineering	18
		Structural Engineering	24
		Construction Engineering and Management	24
		Environmental Engineering and Management	18
		Transportation Engineering	18

# **Programmes & Courses and Student Intake**

		Artificial Intelligence & Machine	24
		Learning Advanced Machinery Design	18
		Robotic Engineering	
		, ,	18
Art and Design	B.Des.	Product Design	60
		Fashion Design	60
	M.Des.	Product Design	24
		Fashion Design	24
Management and Commerce	B.Com(Hons)	Accounting & Finance	60
	BBA	Bachelor of Business Administration	120
	МВА	Marketing Management	120
		Human Resources Management	
		Financial Management	
		Operations Management	
		Small Business and Entrepreneurship	
	M.Com.	Accounting and Taxation	30
		Banking and Finance	
	MBA(HM)	Hospitality Management	30
	MBA(PBM)	MBA in Pharma Business Management	30
	B.Pharm.	Bachelor of Pharmacy	100
	Pharm.D.	Doctor of Pharmacy	30
	M.Pharm.	Pharmacognosy	15
Pharmacy		Pharmaceutical Chemistry	15
		Pharmaceutics	15
		Pharmacology	15
		Pharmacy Practice	09
	B.D.S	Bachelor of Dental Surgery	60
	M.D.S	Orthodontics & Dentofacial Orthopaedics	5
		Conservative Dentistry & Endodontics	5
		Prosthodontics, Crown and Bridge	5
Dental		Pedodontics and Preventive Dentistry	6
Sciences		Oral & Maxillofacial Surgery	6
		Oral Medicine & Radiology	3
		Public Health Dentistry	2
		Oral Pathology and Microbiology	3
		Periodontics	5
Mathematica l and	M.Sc.	Mathematics	30
		Chemistry	30
		Physics	30

# **Programmes & Courses and Student Intake**

Physical Sciences	B.Sc.(Hons)	Physics, Chemistry, Mathematics, Statistics, Computer Science, Electronics	60
Hospitality Management and Catering Technology	ВНМ	Bachelor of Hotel Management	120
	B.Sc. (Hons.) BT	Biotechnology	60
	B.Sc. (Hons.) FTP	Food Processing and Technology	60
Life and Allied Health	B.Sc. (Hons.) AHS	DTT, OTT, MRIT,CCT, OPTOMETRY	150
Sciences	мна	Master of Hospital Administration	30
	M.Sc.	Bio-Technology	30
	M.Sc.	Food Science & Technology	30
	M.Sc.	Molecular & Cellular Biology	30
Doctoral Programme Ph.D. All Facult		All Faculties	Depending on Number of Guides Available in the University

# Student Admission Details (2019-20 batch)

# ${\tt UG\,Programme\,Student\,Admitted\,List}$

Faculty	Programme	Admitted
Engineering and Technology	Bachelor of Technology (B. Tech.)	425
Art and Design	Bachelor of Design (B. Des.)	49
Dharman	Bachelor of Pharmacy (B. Pharm.)	95
Pharmacy	Doctor of Pharmacy (Pharm. D.)	30
Dental Sciences	Bachelor of Dental Surgery (BDS)	60
Hospitality Management & Catering Technology	Bachelor of Hotel Management (BHM)	80
	B.Sc. (Hons) Biotechnology	56
Life and Allied Health Sciences	B.Sc. (Hons.) Food Processing and Technology	60
	B.Sc. (Hons.) AHS	109
Management and Commerce	B.Com (Hons.)	32
Management and Commerce	BBA	93
Mathematical and Physical Sciences	B.Sc.(Hons.)	22
(Excluding	1111	

# Student Admission Details (2019-20 batch)

# **PG Programme Student Intake and Admitted List**

Faculty	Faculty Programme	
Engineering and Technology	Master of Technology (M .Tech.)	107
Art and Design Master of Design (M. Des.)		06
	Master of Pharmacy (M. Pharm.)	31
Pharmacy	MBA in Pharma Business Management	09
Dental Sciences	Master of Dental Surgery	38
	Master of Business Administration (MBA)	118
Management and Commerce	Master of Hospital Administration (MHA)	23
	Master of Commerce (M. Com.)	8
Mathematical and Physical Sciences	Master of Science (M. Sc.)	22
Hospitality Management & Catering Technology	Master of Business Administration (Hospitality Management) -MBA (HM)	11
	Master of Sciences (M.Sc.,) – Biotechnology	28
Allied Health Sciences	Master of Sciences (M.Sc.,) – Food Science & Technology	30
	Master of Sciences (M.Sc.,) – Molecular & Cellular Biology	17
	563	

## **User-oriented Postgraduate Courses (UoPC)**

The Board of Management, after obtaining the consent of the Board of Governors, is empowered to formulate and offer exclusive courses through the University's Faculties to cater to the specific needs of Industry, Businesses and Corporations.

The candidates sponsored by such businesses/corporations shall meet the eligibility requirements for the M.Tech. in Engineering and Technology Management Programme. These students will also follow the University's Academic Regulations, with such exceptions as may be approved by the Academic council, for the Postgraduate Programme leading to M. Tech. Degree.

### **Teaching and Learning Material**

Each and every student of the University will have the privilege to access the teaching material available in PowerPoint form from the University I-Portal. The students can also access E-Books, E-Journals through I-Portal.

### Staff Student Consultative Committees (SSCM)

The University places great emphasis on continued up gradation of its Teaching and Learning resources, infrastructure, quality of curriculum delivery and the overall student living experience on its campus. With this in view, a Staff-Student Consultative Committee has been established which in turn has constituted sub committees for every course offered by the different Faculty. The committee comprises the Dean, Academic Registrar (Faculty), Administrative Registrar (Faculty), HODs, Class Representatives and other member(s) invited by the Dean. Committee meetings are scheduled during the middle of each semester. During the committee meetings the following issues are discussed and suitable action plans are initiated:

### a. Student Academic issues

- I. Curriculum
- II. Course Delivery
- III. Test and Assignment and their Assessment

### b. Student Teaching and Learning Support

- I. Programme Operations
- II. Test and Assignment and their Assessment
- III. Library
- IV. ICT
- V. Laboratories & Workshops

#### c. Student Amenities

- I. Hostel & Cafeteria
- II. Sports & Recreation

## d. Any other matter with the permission of the Chair

A sample of the SSCM Minutes of Meeting is attached in **Annexure 3** 

### Student Feedback System

The Quality Assurance Cell collects student feedback forms from Undergraduate students

twice in a semester and from postgraduate students for every Module and perform Feedback Analysis for initiating remedial actions.

### **UG & PG Programme**

Format of the feedback form

The format for collecting feedback from students is as shown in Annexure 4

### Feedback frequency

- UG Programmes (Semester scheme): Twice in a semester.
- PG Programmes (Module scheme): At the end of each Module.
   Feedback Analysis Report sample

The Feedbacks collected from the students are further analyzed and a sample is attached as **Annexure 5** 

### Overall summary of Feedback

Overall summary of the feedbacks for the year 2019-20 is attached as **Annexure 6**Action on student feedback

- 1. Faculty members who have scores below average are apprised by the respective deans and are advised to improve their academic delivery.
- 2. Faculty members are shown the student Feedback forms so that they can analyze and develop methods to improve their academic delivery.
- 3. The University consider student feedback scores for the annual appraisal of the faculty members.

### Subject Assessment Board (SAB)

The Subject Assessment Board is responsible for reviewing the standard of assessment and its comparability across subjects. The SAB is scheduled to meet at the end of each semester to review the assessed work for each subject. The Board objectively examines the subject delivery, examination and evaluation processes to ensure academic standards based on data compiled for the semester are met. The Subject Assessment Board is tasked with confirming the subject or module marks after completing its review. Once the marks have been confirmed by SAB the marks cannot be subsequently altered by any other board, unless an error in transcription or an omission is discovered. SAB meetings are chaired by the Dean of the concerned Faculty. The Heads of Departments, Internal and External Examiners and an Observer nominated by the Vice Chancellor are the other members of SAB. SABs have been constituted by the University for the academic year 2019-20.

# Dates of the SAB Meeting

# Dates of the SAB Meeting held for UG Programme

Programmes	Date		
ВНМ	22 <sup>nd</sup> June 2019 , (Even Sem)		
	19th December 2019 (Odd Sem)		
B. Pharm and Pharm. D	26 <sup>th</sup> June 2019 (B. Pharm 2015 &2016 Batches		
	& Pharm D)		
	31 <sup>st</sup> July 2019 (B. Pharm 2017, 2018)		
	2 <sup>nd</sup> August 2019 (Summer Semester, Pharm D		
	Supplementary)		
	25 <sup>th</sup> Jan 2020 (B. Pharm.)		
B. Tech.	21 <sup>st</sup> June 2019		
	18 <sup>th</sup> Jan 2020		
	18 <sup>th</sup> August 2020		
BBA, B. Com(Hons),	27 <sup>th</sup> August 2020		
B.Sc. (Hons) P/C/M/S/CS/E	25 <sup>th</sup> April 2019		
	16 <sup>th</sup> January 2020		
B. Des,	25 <sup>th</sup> June 2019		
	17 <sup>th</sup> February 2020		
B.Sc. (Hons) FPT, B.Sc. (Hons)	25 <sup>th</sup> April 2019		
Biotechnology,	9 <sup>th</sup> July 2019		
B.Sc.(Hons) MRIT, DTT, OTT,	14 <sup>th</sup> January 2020		
CCT and Optometry	24 <sup>th</sup> August 2020		

# PG Programme

# Dates of the SAB Meeting held for PG Programme

Programmes	Date
MDS	
M. Tech.	20 <sup>th</sup> May 2019 09 <sup>th</sup> October 2019 14 <sup>th</sup> March 2020 25 <sup>th</sup> September 2020
M.Sc.	20 <sup>th</sup> May 2020 4 <sup>th</sup> October 2019 30th January 2020
MBA, M.Com,	5 <sup>th</sup> September 2020
MBA HM	11 <sup>th</sup> May 2019
M. Pharm,	31 <sup>st</sup> August 2019 25 <sup>th</sup> Jan 2020
M. Design	9 <sup>th</sup> October 2019

	18 <sup>th</sup> March 2020
M.Sc. Biotechnology,	27 <sup>th</sup> February 2020
M.Sc. Molecular and Cellular	24 <sup>th</sup> August 2020
Biology, M.Sc. Food Science and	
Technology & MHA	

### Programme Assessment Board (PAB)

The Programme Assessment Board is responsible to take decisions on progression and awards for all students registered for the named award for which the Board is responsible. In reaching a decision on progression or an award, the Board must consider the overall performance of the student. The overall performance of the student is made up of the subject marks which have been confirmed by the Subject Assessment Board. PAB meetings are chaired by the Dean of the concerned Faculty. The Heads of Departments, Internal and External Examiners and an observer nominated by the Vice Chancellor are the other members of PAB. Programme Assessment Boards have been constituted for academic year 2019-20.

#### Student Performance

Overall Student Performance UG and PG that was discussed in PAB for the year 2019-20 is as shown in

### 5. Research

RUAS has a strong focus on Applied Research. The research programmes could originate from industry, research establishments or business organizations.

### Research Programmes

Research Scholars can opt for the Doctor of Philosophy – Ph.D., Master of Philosophy – M.Phil. and M.S. (By Research) degree either through the full time or part time route. Research Programmes are offered by the:

1	Faculty of Engineering and Technology
2	Faculty of Art and Design
3	Faculty of Management and Commerce
4	Faculty of Mathematical and Physical Sciences
5	Faculty of Life and Allied Health Sciences

## Research

6	Faculty of Dental Sciences
7	Faculty of Pharmacy
8	Faculty of Hospitality Management & Catering Technology

### The aims of Research Programme are

- To produce researchers who can advance theory and practice in Science, Engineering, Health, Humanities, Hotel Management and Business, and enhance the contribution to Society
- 2. To encourage creativity, analytical thinking, critical analysis, and innovative problemsolving
- To develop within each candidate the expertise and skills necessary to be an effective educator and faculty member
- 4. To produce graduates with advanced capabilities in leadership and managing change

#### Research Centers

- Automotive Technologies Research Centre
- 2. Centre for Aeronautical and Micro Air Vehicles Research
- 3. Energy and Power Systems Research Centre
- 4. Sanitation, Waste Management and Environmental Engineering Research Centre
- 5. Centre for Machine Learning and Computational Intelligence
- 6. Centre for Control Systems and Robotics Research
- 7. Centre for Biomedical Systems and 3D Printing Research
- 8. Centre for Signal Processing and Communication System Research
- 9. Structural Design and Analysis Centre
- 10. Composite Materials and Technologies Research Centre
- 11. Research Centre for Contemporary Tools and Techniques in Industrial Design
- 12. Innovation and Entrepreneurship Development Research Centre
- 13. Photonics Research Centre
- 14. Centre for Batteries and Biofuel Research
- 15. Software Engineering and Big Data Modelling Research Centre

- 16. Nutraceutical and Nutrition Research Centre
- 17. Oral Cancer Research Centre
- 18. Biomaterials Research Centre
- 19. Dental and Maxillofacial Modelling and Simulation Centre
- 20. Drug Design and Development Centre
- 21. Pharmacological Modelling and Simulation Centre

### Center of Excellence

- 1. AL, ML and Autonomy
- 2. Computational Mechanics

The University will be admitting Research Scholars for the following approved research themes:

Aerospace and Automotive Engineering: Low Speed Aerodynamics; Performance Enhancement Techniques in Turbomachines; Aerospace Combustion and Propulsion; Aerospace Structural Health Monitoring using AI and ML; Development of Innovative Materials for Aerospace and Automotive Applications; Multidisciplinary and Applied Optimization in Engineering Applications; Performance Improvement of Automotive Engines / Sub-Systems; Thermal Barrier Coating on Exhaust Systems of Automotive Vehicle; Improvement of Ride and Handling Characteristics of Automotive Vehicle; Study on Influence of Various Parameters Electric Vehicle Deployment in India; Electric Vehicle Battery Thermal Management; Automotive Conceptual / Product Design; Design Validation of Automotive Systems; Electric Propulsion (Hall Thruster)

Faculty of Engineering & Technology

Civil Engineering: Environmental Sanitation and Waste Management; Applied Environmental Biotechnology; Water Quality Modelling; Wastewater Quality Monitoring and Modelling; Remediation of Contaminated Soil; Outdoor / Indoor Air Quality Analysis and Modelling; Electro-Kinetic Remediation; Integrated Bio and Phyto Remediation; Bio Reactors in Landfills; Removal of Heavy Metals and Other Toxic Species from Water; Renewable Energy; Solid Waste Management; Soil Aquifer Treatment; Environmental Impact Assessment Studies; Geotechnical Engineering; Reinforced Earth Structures; Soil Stabilization; Soil Structure Interaction; Liquefaction; Landslides; Seismic Analysis of Underground Structures; Discrete Element Modelling of Granular Materials; Seismic Hazard Analysis; Pile Foundations; Construction Engineering and Management; Public Private Partnerships; Risk Management; Building Information Modeling; Governance in PPP; Sustainable Infrastructure; Competency Enhancement; Project Finance; Durability studies in concrete; Sustainable construction materials; Corrosion of steel; Reinforcement and Protection Measures; High Performance Concrete; Non-Destructive Testing of Concrete Structures; Fiber Reinforced Concrete: Green buildings and Net Zero Energy Buildings: Construction Management; Construction Finance; Equipment; Resource Planning and Scheduling Techniques: Optimization: Construction Practices; Intelligent System Application in Construction Planning and Scheduling; Structural Engineering; Crowd Structure

Interaction on Pedestrian Bridges; Human Biomechanics; Irregular Structures; Retrofitting of Lifeline Structures; Base Isolation of Structures; Earthquake Resistant Structures; Stability Analysis of Slender Columns; Effect of FRP on Wall Openings; Non-Destructive Techniques; Passive and Semi-Active Control of Buildings; Finite Element Mesh Generation; Cost-Effective Housing: Optimization: Transportation Engineering: Sustainable Urban Transport Planning (UTP); Traffic Engineering and Management; Sustainable Transportation Materials and Construction; Intelligent Transport Systems (ITS); Evaluation and Maintenance; Artificial Intelligence in Transportation; Road Safety Audit and Management; Interlocking Concrete Block Pavements: Transportation Environmental Impact Assessment Studies; Water Resources and Hydraulic Engineering; Surface Water Hydrology; Ground Water Hydrology; Vadose Zone Hydrology; Water Quality Modelling; Recharge Modelling; Satellite Remote Sensing and GIS for Water Resources Management; Watershed and Irrigation Management; Rainfall-Runoff Modeling; Modeling and Simulation in Free Surface Flow; GIS Based Watershed Modeling; Experimental Studies on Watershed; Open Channel Flow

Computer Science and Engineering: Data Science; Artificial Intelligence and Applications: Data Analytics; Predictive Analytics; Smart Agriculture; Social Media Analytics; Al and Healthcare; Brain Functional Network Analysis; Computational Intelligence and Robotics; Medical Imaging; Spoken Language Processing; Bioinformatics; Pattern Recognition; DSP; Video Analytics; Computer Networks; Communication and Network Technologies; Software Defined Networking; Wireless Networks; Vehicular Networks; Network Security; Queuing Theory; Stochastic Modelling; Embedded Systems and Networking; Software Engineering; Dependability of Software Components; Defect Prevention and Detection Methodologies; Detection of Security Vulnerabilities; Program Analysis and Verification; Theory and Practice of Concurrency; High Performance Computing; Computer Programming Pedagogical Methods

Electrical Engineering: Computational Electromagnetic Analysis of Electrical Machines; Artificial Intelligence Applications to Power System; Power Converters and Multi- Level Inverters for Renewable Energy; Motors; Drives and Control in Electric Vehicles; Smart Grid Technologies

Electronics and Communication Engineering: Computational Intelligence; Pattern Recognition and Machine Learning; Microwave Communication; RF Subsystems; Computational Electromagnetics; Antenna Engineering; Wireless Communication; Optical Communication; VLSI Design; Embedded Systems; Signal and Image Processing; Multimedia Processing; Biomedical Instrumentation; Photonics and optical MEMS; Microwave Photonics

Mechanical and Manufacturing Engineering: Design Engineering; Fatigue and Fracture Mechanics; Fatigue life Extension Techniques; Product Design and Development; Farm Machinery Design; Thermal Engineering; Heat Flux Sensors; Waste to Energy Conversion; Hydro Thermal Carbonization; Organic Rankine Cycle; Stirling Engine; Battery Thermal Management; Renewable Energy; Biomass; Al in Energy Systems and Thermal Engineering; Heat Transfer in Energy Systems; Power Plant Engineering; Energy Management; Materials and Production Engineering; Hardened Steel Machining; Composite Materials and Technologies; Polymer Composites - Development of Out of Autoclave Process; Fatique and Residual Strength; Characterization of Impact Damage on CFRP Panels; Development of MoS2 Nano Materials for Photo Voltaic Applications; Development; Characterization and Analysis of Various Applications for Diffusion Bonding of Dissimilar Metals; Industrial Engineering; Green Manufacturing; Green Supply Chain Management; Fourth Party Logistics; Supply Chain Management in Health Care; Circular Economy; Operations Management in Health care

Faculty of Mathematical and Physical Sciences Physics: Quantum Information Theory and Quantum Optics; Lasers; Laser Based Flow Visualization; Spectroscopic Techniques; Nonlinear Optical characterization; Nano Materials: Nano Material Synthesis via Different Methods; Luminescence Studies (Photoluminescence and Thermoluminescence) for Lighting Applications; Display Phosphors; Dosimetry Applications; Latent Finger Print; Anti-Counterfeit Applications; Nanomaterials as Sensors; Dielectric Materials; Electrical; Magneto-Transport; Magnetic; Magneto-Caloric and Thermal Properties of Manganites (Nano & Bulk) for Spintronic and Magnetic Refrigeration Applications; Selenide and Telluride Based Thermoelectric Materials (Nano & Bulk) for Green Energy Applications; Nano-Scale Magnetism; Thin film fabrication and Characterization; Magnetoresistance; Spintronics; Nanocomposites

Chemistry: Design and Development of Metal Oxide Based Magnetostrictive Smart Materials for Sensors and Actuators Applications; High Performance Metal Oxide - Reduced Graphene Oxide Nanocomposites as Electrode Materials for Metal-Air Battery and Fuel-Cell Technologies; High Performance Cobalt Oxide Based Nanomaterials for Gas Sensor Applications; Zintl/Intermetallic Phases and Thermoelectric Metal Oxides for Thermoelectric and Magnetic Applications; Chalcogenides for Electronics and Semiconductor Applications; Functional Materials such as Metal Organic Frameworks and Zeolites for Catalysis and Gas Storage Applications; Semi-Conducting Metal Oxides and their Composites for Catalytic and Antimicrobial Applications; Bio-Based Polymer Composites; Thermally Conductive Elastomeric Composites for Heat Sinks; Thermal Interface Materials; Conducting Polymers for Sensor; EMI Shielding and Other Applications; Polymer Composites for Environmental Remediation; Elastomer Nanocomposites with Shape Memory Properties; Design and Synthesis of Small Molecules and Conjugated Polymers for OLED and Photovoltaic Applications; Process Optimization of Photocatalysis and Electrocatalysis using various Nanomaterials for Wastewater Treatment; Design Synthesis; Characterization and Biological Studies of Small Organic Molecules and Herb Based Composite Films of Biopolymers for Biomedical Applications; Phytochemicals: Extraction; Isolation; and Identification of Bioactive Compounds from Plant Extracts for Biomedical and Nutraceutical Applications and Total Synthesis of New Isolated Natural Products for Medicinal Applications; Synthesis and Characterization of Metal Complexes for Catalytic; Antibacterial; Anticancer and Anti-Ulcer Applications; Plant Based Adsorbents; Nanomaterials and Magnetic Materials for Wastewater and Water Remediation and Biomedical Applications; Renewable Fuels -Biodiesel Synthesis from various Sources and their Characterization; Design; Synthesis and Crystallization of Multifunctional Organic Single Crystals; Analysis of Molecular Structures and Structure-Property Correlation

Mathematics: Fluid Dynamics; Convective Flow Problem; Stability Analysis; Nano Fluids; Bio Fluids; Flow through Porous Media; Number Theory; Q-Series; Partition Theory; Modular Equations; Differential Geometry; Riemannian Geometry; Space Forms; Ricci Flow; Ricci Solitons; Inverse Problems for Partial Differential Equations; Inverse Source Problem; Machine Learning and Al

	Pharmaceutics: Product and Process Optimization of Conventional; Controlled and Targeted Drug Delivery Systems; Synthesis and Characterization of New Co-Polymers; Development of Co-Processed Excipients; Sequential Stability Testing of Pharmaceuticals and Cosmetics; Development of Cosmetics and Nutraceuticals				
Faculty of	Pharmacology: Pharmacological Screening of Natural and Synthetic Molecules using Animal Models; Toxicological Research; Pharmacokinetics and Pharmacodynamics Evaluation; Molecular Biological Studies Including Gene Expression; In-Vitro Bioassays				
Pharmacy	Pharmaceutical Chemistry and Analysis: Computer Aided Drug Design; Green Synthesis; Establishing Synthetic Routes for New Molecules; Drug Metabolism Studies; Analytical Method Development and Validation; Impurity Profiling				
	Pharmacognosy: Evidence Based Research on Natural Sources; Fractionation of Herbal Extracts; Standardization of Herbal Drugs; Herbal Formulation Development; Herbal Cosmetics				
	Pharmacy Practice: Pharmacovigilance; Pharmacoepidemiology; Pharmaceutical Care; Drug and Vaccine Safety				
	Oral Medicine and Radiology				
	Periodontics				
	Oral & Maxillofacial Surgery				
Faculty of	Conservative Dentistry and Endodontics				
Dental Sciences	Orthodontics				
Sciences	Oral Pathology and Microbiology				
	Public Health Dentistry				
	Pedodontics and Preventive Dentistry				
	Prosthodontics				

## Faulty of Management & Commerce

Bank Services Marketing; Technology Adoption; Green Business; Digital and Social Media Marketing; Digital Branding; Geriatric Faulty of Services Marketing; Technology Gap Analysis Study; Market Research; EDP, Brand, Strategy; Asset Pricing; Strategic Variables Management & Related to IT Sector in India; Financial Economics; Behavioral Finance; Agri Entrepreneur; Women / Rural Entrepreneurship; Commerce Grass Root Innovation Suitability and Communalization; Social Entrepreneurship; Artificial Intelligence in Human Resource; Commercialization in HRM; Employment of PWD's; Green Management; Supply Chain Management; Mathematical Modelling for OR/OM Practices; Machine Learning; Artificial Intelligence in Auditing; Role of Forensic Accounting in Controlling Financial Frauds; Green Marketing Strategy; Branding in the Time of Climate Change; Content Marketing; Gig Economy; Learning –Future of Education; Industry 4.0; Changing Marketing; Practices Due to B2C E-Commerce; Retail Formats; Evolution in the Digital Age; SME's; Cost Competitiveness; Capital Budgeting and Investment Decisions; Women in Microfinance; Rural Development

## Faculty of Art & Design

Industrial Design: Product Development and Prototyping, Social Design, Design Communication & Branding, Symbolism, Patterns and Motifs, Iconography and Vernacular Design, Shape/ Form Abstraction and Generation. Health care Products, Eco-friendly Design, Rural Product Design; Sculpture and Installation Design, Interaction Design, Lighting Design, Graphic Design, UIUX Design, Origami, Automotive Clay Modelling, Automotive Exterior Design, Material and Manufacturing, Computer Aided Industrial Design, Aesthetics, Emotional Design, Design psychology, Contemporary Art, Living spaces and landscape design, Interior art therapy, Automobile sketching and rendering; Design Innovation, Conceptual Design, Computer Aided Industrial Design, Ergonomics and Design for manufacture and Assembly (DFMA); Design Management, Design Innovation

Fashion Design: Textiles fibres, Yarns, Fabrics, Dyeing, Printing, Surface embellishments, Designing and creation of fashion apparels and accessories, smart, medical, agro and technical textiles. Textiles and Fashion Design. Pattern Making and Garment Construction Illustration

Faculty of Hospitality Management and Catering Technology	Hospitality Operations/Management; Tourism Operations/Management; Nutraceutical and Nutrition; Sanitation, Waste Management and Environmental Engineering; Customer Relationship Management; Hospitality Education; Menu Engineering; Food and Beverage Management; Contemporary Gastronomy; Food Safety; Hospitality Training; Finance/Human Resource Management; Millennial Studies; Social Media; CSR; Sustainability in Hotel Operations; Innovation and Entrepreneurship; Online Education Management			
	Food Processing and Preservation Technologies: Bio Preservation; Food Processing and Engineering; Food Product / Technology Development; Food Protectants; Food Fermentation			
Faculty of Life and Allied Health	Food Nutrition and Biochemistry: Metabolites; Photochemistry; Maternal and Child Nutrition; Prebiotics and Probiotics; Food Quality and Safety			
Sciences	Biotechnology: Molecular Biology; Cell Biology; Cancer Biology and Phytotherapeutics; Antibiotic Resistance; Allergy and Immunology; Lectin and Glycobiology; Protein Purification and Characterization			

## **Sponsored Research Projects**

The Details of research scholars and their broad areas of research is as shown in Annexure 8

### Sponsored Research

The University has actively worked with National and International organizations in government, public and private sectors to carryout research and generate knowledge for the benefit of the Society. Research Organizations like ISRO, DRDO, DST, DBT and Central Ministries like Power, New and Renewable Energy, Environment and Forest, Human Resources, Agriculture, IT and Electronics and Industries have provided finance and research grants for advanced research in the past. So far the University faculties has undertaken more than 120 funded research projects and have filed more than 150 patents.

## Sponsored Research Projects Undertaken

Projects Completed:

Sl. No.	Name of Project	Sponsoring Agency	Faculty	Principal Investigator	Other Investigators
1	Evaluation and Correlation of the Prognosis of Cystic Lesions to Decompression by Clinical, Histological, Radiographic Assessment and Molecular Marker Expression	Vision Group on Science and Technology (VGST)	FDS	Dr. Parimala Sagar	Dr. Kavitha Prasad
2	Prognostic Significance of ALDH1, Bmi1 & OCT4 in Oral Epithelial Dysplasia and Oral Squamous Cell Carcinoma	Vision Group on Science and Technology (VGST)	FDS	Dr. Roopa S. Rao	-

## Ongoing Projects

Sl No	Name of the Project	Sponsoring Agency	Faculty	Principal Investigator	Other Investigators
1	R & D Centre for Hardened Steel Machining	Karnataka Council for Technology Upgradation	FET	Dr. R. Suresh	Dr. T. N. Srikantha Dath
2	Development of Heat Flux Sensor for Aero Gas Turbine Engine Combustors	AR & DB - GTMAP	FET	Dr. S. Srikari	Dr. H.K. Narahari Dr. S. Malathi

# **Sponsored Research Projects**

3	Performance Enhancement of a Single Stage Transonic Axial Compressor	AR & DB – Propulsion Panel	FET	Dr. Mahesh K. Varpe	Mr. S. Subbaramu
4	Framework for Green Innovations in Manufacturing Sector	DST – National Science and Technology Management Information System (NSTMIS)	FET	Dr. H. S. Srivatsa	Mr. R. Arun Mr. Vijaya Kumar S. Mr. Sandeep N.
5	Design and Analysis of an Integrated Optic Microring Resonator	ISRO RESPOND	FET	Dr. S. Malathi	Dr. Ugra Mohan Roy
6	R & D Centre for Automated Farm Machinery Design and Development for Small Farmers	Karnataka Council for Technology Upgradation (KCTU)	FET	Dr. N. C. Mahendra Babu	Dr. A.C. Lokesh Mr. Balappa B.U.
7	Multi DOF Bionic Arm with Control Assist Mode Functionality	Life Science Research Board (LSRB)	FET	Prof. Govind R. Kadambi	Mr. Praveen L.S.
8	R&D Centre for Composite Materials and Technologies	Karnataka Council for Technology Upgradation (KCTU)	FET	Dr. Rahul Cadambi	Dr. M. C. Murugesh
9	Enhancement of Aerodynamic Performance of a Low Speed Wind Turbine for Offshore Power Generation	Vision Group on Science and Technology (VGST)	FET	Dr. Mahesh K. Varpe	-
10	Multi Stream Automatic Speech Recognition for Children's Speech using Artificial Bandwidth Extension Algorithms	Vision Group on Science and Technology (VGST)	FET	Dr. Sunil Y.	-
11	Performance Evaluation of UHF Cognitive Radio Links for Wireless Sensor Applications in Health and Precision Agriculture	Vision Group on Science and Technology (VGST)	FET	Dr. Pallaviram Sure	-
12	Design and Development of High Performance Magnetostrictive Cobalt Ferrite Thin Films for Sensors and Actuator Applications	Science and Engineering Research Board (SERB)	FMPS	Dr. Anantharam aiah P. N.	Dr. S. Srikari
13	Assessment of Liquefaction Potential through Analytical Methods	Atomic Energy Research Board	FET	Dr. S. D. Anitha Kumari	Mr. Abhishek P. V.
14	Synthesis and Characterisation of a Novel Bio Active Theobromine Composite Resin as a Dental	Indian Council for Medical Research	FDS	Dr. Pushpalatha C.	Dr. S. Srikari Dr. Deveswaran R.

# **Sponsored Research Projects**

	Restorative Material using Nanofiber Technology				
15	Technology Gap Analysis of Channapatna Toys Cluster	TIFAC- MSME	FET	Dr. G. Devakumar	Mrs. Savitha Kulkarni Dr. R. Suresh
16	Thermal Neutron Scattering for Materials of Interest in Nuclear Reactors	Board of Research in Nuclear Sciences	FET	Dr. Ananth S. Iyengar	Prof. R. S. Keshavamurth y
17	Experimental and Simulation Studies on Prediction of Crack Initiation and Propagation of Fracture in Dental Ceramic Restorations	India Alliance Fellowship	FDS	Dr. Sivaranjini Gali	Dr. S. Srikari
18	Aerodynamic Optimization of Fixed Wing at Transitional Low Reynolds Number for MAV Applications	AR & DB	FET	Dr. Sivapragasa m	-
19	Development of a Smart Polymer Bio-conjugated with Human Umbilical Cord Blood Serum Proteins and its Regeneration Potential on Human Dental Pulp Cells	Indian Council for Medical Research	FDS	Dr. Ashmitha K. Shetty	Dr. R. Deveswaran
20	Development of a Reversible Cervix Plug as a Novel Next Generation Contraceptive Device	Vision Group on Science and Technology (VGST)	FPH	Dr. B.V. Basavaraj	-
21	Characterization of Liquid Platelet Rich Fibrin as a Novel Drug Delivery System for Mineral Trioxide Aggregate and Biodentine	Indian Council for Medical Research	FDS	Dr. N. Shruthi	Dr. Sylvia Mathew Dr. Pushpalatha G.
22	Estimation of Serum Titanium Levels in Individuals having Endosseous Titanium Dental Implants with and without Peri- Implantitis: A Clinical and Biochemical Study	Indian Council for Medical Research	FDS	Dr. Mahantesha S.	Dr. Ashwini S. Dr. Kranti K. Dr. Vibha Shetty Dr. Bhavya B.
23	Development of Thermal Conductive Elastomeric Composites for Liquid Cooled Garments to Mitigate Thermal Stress	Life Science Research Board (LSRB)	FMPS	Dr. T. Niranjana Prabhu	Dr. Jineesh A.G.

24	Proteomic Characterization of Induced Blood obtained during Revascularization Procedure and Co-relation with the Regenerative Outcome: A Proof-of-concept Study	Indian Association of Conservative Dentistry and Endodontics	FDS	Dr. Shruthi N	Dr. Swaroop Hegde
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St. No.	Proposal Sent	Team	Funding Agencies	Faculty
1	Sustainable Smart Application Farming using IoT and Data Analytics	Dr. C. Narendra Babu Dr. Pallaviram Sure	Sustainable & Innovative Technologies in Agriculture (Agro-Tech) under the Scheme of Technology Development Programme	FET
2	Development of Mini Paddy Combine with Attachments	Dr. N. C. Mahendra Babu Dr. A. C. Lokesh	Sustainable & Innovative Technologies in Agriculture (Agro-Tech) under the Scheme of Technology Development Programme	FET
3	Detection and Early Diagnosis of Neurodegenerative Diseases based on Human Brain Connectomics using Graph Data Mining and Analytics	Prof. N. D. Gangadhar	Pre-proposal on Artificial Intelligence Applications for Affordable and Accessible Healthcare - Big Data and Genomics	FET
4	Development of an Al System for Early Detection of Ovarian Cancer by Novel Biomarker Groups in Big Data	Dr. B. V. Vijay	Pre-proposal on Artificial Intelligence Applications for Affordable and Accessible Healthcare - Big Data and Genomics	FET
5	Sustainable Water Harvesting And Flood Mitigation by using Porous Concrete for Urban Township	Dr. H. M. Rajashekhar Swamy Dr. Harshad R. Parate Mr. Yateen Lokesh	DST under WTI2019 scheme	FET
6	Geo-Environmental Study to Mitigate Leachate Toxicity from the Landfills and Reclamation of Municipal Waste Water at Ranebennur, Haveri District, Karnataka	Dr. Harshad R. Parate Dr. Nayana N. Patil Dr. H. M. Rajashekhar Swamy Advisors: Dr. B. R.	DST under WTI2019 scheme	FET

		Venkatesh Dr. J. R. Mudakavi		
7	Implementation of FPGA Based Grid Connected Optimized Multilevel Inverter Integrated with Enhanced Boost Converter for Distributed Generation (DG)	Mr. Veerabhadra	VGST - RGS/F	FET
8	Road Network Traffic Matrix Reconstruction using Spatio-Temporal Correlation Analysis	Dr. C. Narendra Babu	VGST - RGS/F	FET
9	Design and Development of Self- Sustainable Sewage Treatment Plant for Rural India	Dr.B.S.Dayananda	VGST K-FIST Level-2	FET
10	Establishment of Centre for Excellence in Traffic Engineering	Dr. H. M. Rajashekhara Swamy	VGST K-FIST Level-2	FET
11	Design and Development of Smart Charging System for E-mobilty in a Grid Integrated RES Environment	Dr. M. S. Indira	VGST K-FIST Level-2	FET
12	Design and Development of Intelligent Control based Grid-Tie PV System with Fault- Tolerant Multilevel Inverter for Power Quality Improvement	Dr. S. Nagaraja Rao	VGST - RGS/F	FET
13	Development of Low Cost Grey Water Purifier using Naturally Available Materials and Disinfectants for Residential Houses	Dr. Harshad R. Parate	VGST - CISEE	FET
14	Award for Research Publications	Dr.K.Manickavasag am	VGST	FET
15	Intelligent AC - DC Microgrid using Renewable Energy for Remote Areas	Dr.K.Manickavasag am	VGST - K-FIST L2	FET
16	Characterisation , Separation and Utilization of Liquid Smoke from Coconut Shell Condesate	Dr. Nayana N.Patil	VGST - CISEE	FET
17	Development of Thermally Enhanced Polymer 3D Printed Heat Exchangers	Dr. Ananth S. Iyengar	VGST - K - FIST L1	FET
18	Development of Lower Limb Prosthesis using Additive Manufacturing (3D Printing)	Dr. Suresh R.	VGST - K-FIST L2	FET
19	Development of Graphical Environment for Virtual Surgery and Pre-Surgical Planning of Acetabular Hip-Joint Fractures	Dr. B. R. Karthikeyan	VGST - CESEM	FET
20	Centre for Design and Development of Multimodal Brain Computer Interface Based Lower Limb Exoskeleton for	Dr. T. Christy Bobby	VGST - CESEM	FET

	Neuromuscular Disability of the Lower Limbs			
21	Award for Research Publications	Dr. C. Narendra Babu	VGST	FET
22	Two Day Workshop on Application of Building Information Modeling (BIM) for Civil Structures	Dr. H. M. Rajashekhara Swamy	VGST - FDP	FET
23	Storm Water Harvesting and Flood Mitigation using Porous Asphalt Concrete (PAC) as Sustainable Infrastructure for Urban Areas	Dr. H. M. Rajashekhara Swamy	VGST - CESEM	FET
24	CFD Analysis and Optimization of Supersonic Retropropulsion for Launch Vehicle Stage Recovery	Dr. M. Sivapragasam	ISRO RESPOND	FET
25	Multifunctional and Multicomponent Nanostructured Coatings for Structural Applications	Dr. Suresh R.	DST - Indo-Uzbek	FET
26	Development of Holistic and Intelligent Clothing Cosset for Pre, Peri, Postnatal Mother and Infant	Dr. Mamatha Hegde	SERB-Core Research Grant	FAD
27	Development of Electromagnetic Frequency EMF Shielded Ensemble for a Pregnant Women	Dr. Mamatha Hegde	DST - Women	FAD
28	Design of Assistive Aid for Elderly Physically and Mentally Challenged Patients and Undergoing Physiotherapy Re-habitation	Mr. Lohit H. S.	DST	FAD
29	Development of a Decision Support System (DSS) based on Electronic Medical Record (EMR) Data for Screening of Oral Diseases	Dr. Chandra Sen Mazumdar	Pre-proposal on Artificial Intelligence Applications for Affordable and Accessible Healthcare - Big Data and Genomics	FMC
30	Human Rights of Persons with Disabilities in Business in the State of Karnataka	Mr. Chetan Singhai Mrs. Geetanjali Pawar Mr. Rajeev Prasad	NHRC	FMC
31	Emerging Trends in Personal Financial Planning	Dr.N.Suresh	VGST-FDP	FMC
32	Design Thinking in Product Management	Dr. Mamatha S.V.	VGST-FDP	FMC
33	Current Trends and Techniques in Project Management	Dr. Chandra Sen Mazumdar	VGST-FDP	FMC

34	Best Practices on Role and Faculty Development in Improving Student Centric Approach	Dr. G. Devakumar	VGST-FDP	FMC
35	Train the Trainer Programme in Digital Marketing for Faculty members of MBA Offering Departments	Dr. H. S. Srivatsa	VGST-FDP	FMC
36	Banking Technology	Mrs. Savitha Kulkarni	Indian Institute of Banking & Finance	FMC
37	Biochemical Estimation of Saliva, Serum and GCF Levels of CCL28 and Pentraxin-3 in Subjects with Gingivitis and Chronic Periodontitis A Clinical and Biochemical Study	Dr. Akshatha Raj Dr. Rohit Prasad	Scheme for Young Scientists and Technologists - DST	FDS
38	To Evaluate the Effects of Rapid Maxillary Expansion (RME) on Conductive Hearing Loss	Dr. Sathyashree	Start-up Research Grant - SERB	FDS
39	Predictive Analysis of Histopathological Whole Slide Images of Normal Oral Mucosa, Oral Precancer and Cancerous Tissues using Artificial Intelligence for Early and Objective Detection of Malignant Phenotypic and Genomic Characteristics	Dr. Roopa S. Rao	Pre-proposal on Artificial Intelligence Applications for Affordable and Accessible Healthcare - Big Data and Genomics	FDS
40	Caries Assessment and Risk Profile using Al and Genomics (CARPAG)	Dr. Latha Anandakrishna	Pre-proposal on Artificial Intelligence Applications for Affordable and Accessible Healthcare - Big Data and Genomics	FDS
41	Development of A Novel Curcumin Based Pit and Fissure Sealant	Dr. Lalitha S. Jairam	SERB-Core Research Grant	FDS
42	Application of 3 - Matic Software in the development of Virtual Setup for Diagnosis, Treatment Planning and Orthodontic Mechano-Therapy	Dr. Roshan Manjunath Sagarkar	SERB-Core Research Grant	FDS
43	Comparison of Morphological changes in Mandibular Condyles Treated with VEGF Gene Therapy and Growth Hormone Therapy	Dr. Sharanya Sabrish	SERB-Core Research Grant	FDS
44	Design, Formulation and In Vitro Characterization of Mucoadhesive Gel with Moringa Oliefera Extract and Assessment of Anti-Bacterial effect of the Gel Against Red Complex Periodontal Pathogens – A Randomised Controlled Trial	Dr. Bhavya B.	SERB-Core Research Grant	FDS

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45	Mobile Application for Surveillance of Oral Cancer patients and Mapping using Geographic Information System (GIS) in Karnataka- A Longitudinal Study	Dr. Shwetha K. M.	DHR-ICMR	FDS
46	Association between Vitamin D Level in Blood and Periodontitis in Rural and Urban Karnataka Population	Dr. Ashwini S.	DST - Women	FDS
47	Towards Point of Care Diagnosis and Prognostication of Oral Cancer using Deep - Learning Enabled Low-Cost Device	Dr. Roopa S. Rao	DHR-ICMR	FDS
48	CHIRU NEGE (Smile Forever) – Comprehensive Oral Health Programme for Pre-schoolers of Bangalore North	Dr. Latha Anandakrishna	The Borrow Foundation	FDS
49	Determination of Role of Immunotherapy in the Treatment of OSCC in Smokeless Tobacco Chewers in Indian Population	Dr. Prathibha Sridhar	VGST K- FIST L1	FDS
50	Determination of Correlation between Salivary Opiorphin's and Administration of Local Anaesthesia in Prophylactic Extraction - A Prospective Clinical Study	Dr. Vineeth Kumar K.	VGST - CESEM	FDS
51	Evaluation of Maternal and Infant's Vitamin D Levels and its Co-Relation with the Eruption Timing of First Deciduous Tooth in Infants	Dr. Lalitha S. Jairam	VGST - CESEM	FDS
52	Effect of Periodontal Therapy on Non Alcoholic Fatty Liver Disease using Il 6 Inflammatory Marker and Levels of Alanine Amino Transferase (Alt), $\Gamma$ – Glutamyl Transferase (Ggt) in Serum and GCF: A Clinical and Biochemical	Dr.Akshatha Raj	VGST - CESEM	FDS
53	Rapid Maxillary Expansion as Cure to Conductive Hearing Loss - A Prospective Study	Dr. Prashantha G.S.	VGST - CESEM	FDS
54	Effectiveness of Ergonomic Recommendations and Exercises in Reducing Musculo-Skeletal Disorders Among Dental Practitioners	Dr. Sharanya Sabrish	VGST - RGF	FDS
55	Serum IGF-1 Levels as a Clinical Tool For Optimizing Orthodontic Treatment Timing	Dr. Madhavi Naidu	VGST - RGF	FDS
56	Estimation of Levels of Serum Cardiac Biomarkers Soluble ST2 And C <sup>-</sup> Reactive Protein in Periodontitis Patients	Dr.Kranti K.	VGST - CESEM	FDS

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57	Treatment of an Adult Cleft-Palate Patient using Passive Self-Ligating System to Reduce Surgical Risks and Financial Constraints on Patients	Dr. Sathyashree	VGST - RGF	FDS
58	Evaluation of a Biomaterial Silk Scaffold Reinforced with Anti-inflammatory Drug for Local Drug Delivery with Intraoral Defects	Dr. Suma S.	VGST - CESEM	FDS
59	Comparative Evaluation of Sodium Hypochlorite and Chlorhexidine as Irrigants in Adjunct with Photodynamic Therapy on Enterococcus Faecalis –An Vitro Study	Dr.Indiresha H.	VGST KFIST L1	FDS
60	Phase I: Establishment of a Cancer Bio- Repository that Facilitates Translational Oncology Research Phase II: Validation of Diagnostic and Prognostic Gene Identified by RNA Sequencing of Buccal and Ginigvobuccal OSCC Samples	Dr. Roopa Rao	VGST - CESEM	FDS
61	Comparision of Salivary Volatile Organic Compounds with Oral Manifestations Among Patients with Renal Disease Undergoing Hemodialysis	Dr. Rakesh N.	VGST - CESEM	FDS
62	Identification of Salivary VOCs as Potential Biomarkers in Early Detection of Oral Potentially Malignant Disorders and Oral Cancer by Gas Chromatography Mass Spectrometry Analysis	Dr.Sujatha S.	VGST - CESEM	FDS
63	Establishment of Centre for Metagenomic Analysis of Oral Microflora in Children	Dr.Latha Anandakrishna	VGST - K-FIST L2	FDS
64	Prognostic Significance of Tumor Infiltrating Lymphocytic (TILs) Markers in Oral Squamous Cell Carcinoma - An Immunohistochemical Study	Dr.Vanishri C. Haragannavar	VGST - RGF	FDS
65	Prognostic Significance of Transcobalamin and Vitamin D receptors in Metastatic and Non- Metastatic Oral Cancer	Dr. Dominic Augustine	VGST - RGF	FDS
66	Award for Research Publications	Dr. Dominic Augustine	VGS⊤	FDS
67	Precise Detection of Occult Tumor Cells in Tumor Margins and Regional Lymph Nodes of Oral Squamous Cell	Dr. Sowmya S. V.	VGST	FDS

	Carcinoma using Image Processing in MATLAB Software			
68	Award for Research Publications	Dr.Vanishri C. Haragannavar	VGST	FDS
69	Fabrication and Characterization of Bioactive Nano Wafer Enriched With Lyophilized Platelet Rich Fibrin and Nano Hydroxyapatite for Vital Pulp Therapy	Dr. Shruthi N.	DST	FDS
70	A Novel approach for Dentine Remineralization using Theobromine Based Biomimetic System	Dr. Pushpalatha G.	DST	FDS
71	Mobile Application for Surveillance of Oral Cancer Patients and Mapping using Geographic Information System (GIS) in Karnataka- A Longitudinal Study	Dr. Shwetha K.M.	ICMR	FDS
72	Novel Composite Hydrogel Synthesis Using Nano Bioactive Hydroxyapatite Derived from Eggshell Reinforced with Resveratrol for Repair of Bone Defects	Dr. Gayathridevi S. K.	ICMR	FDS
73	Nano Calcium Fortified Flour for Prevention of Calcium Deficiency	Dr. Sindhu Abraham Ms. Sharon Caroline Furtado	Scheme for Young Scientists and Technologists - DST	FPH
74	Keto Cookies Development of Novel Nutraceuticals for the Management of Obesity	Dr. Parasuraman P. Mr. Damodar Nayak A.	Scheme for Young Scientists and Technologists - DST	FPH
75	Multi-target-directed Ligands in Alzheimer's Disease Treatment: Design, Synthesis, Formulation and Pharmacological Evaluation	Dr. Parasuraman P.	Start-up Research Grant - SERB	FPH
76	Synthesis, Formulation and Evaluation of 2,5-Dihydroxybenzaldhyde for Cardioprotective Activity by Inhibiting Rhokinase in Rats	Dr. Kesha Desai	Start-up Research Grant - SERB	FPH
77	Leveraging Artificial Intelligence in Big Data Analysis to Detect Robust Alzheimer's Disease-Specific Targets for Drug Repurposing	Dr. G.R. Saraswathy	Pre-proposal on Artificial Intelligence Applications for Affordable and Accessible Healthcare - Big Data and Genomics	FPH
78	A Conceptual Model for Redirecting of FDA Approved Drugs using Deep Machine learning Techniques: Tuberous sclerosis - A Case Study	Dr. Parasuraman P.	Pre-proposal on Artificial Intelligence Applications for Affordable and Accessible Healthcare - Big Data and Genomics	FPH
79	Floating Microballoons for Extended Delivery of Insilico Based Isolated	Dr. Mohammad Azamthulla	SERB-Core Research Grant	FPH

	T	T	Г	
	Compounds of Rhynchosia Densiflora (Roth) Dc for the Treatment of Gastric Ulcers			
80	Target Based Design by Bioisosteric Replacement of Nitrogen in Quinazolinone and Phthalazinone Analogs, Synthesis and in Vitro Evaluation of Potential PI3Kα Inhibitors for Breast Cancer: A Computational- Based Study	Dr. Manikanta Swamy Murahari	SERB-Core Research Grant	FPH
81	Development of Gel Containing Allogenic Platelet Rich Plasma and its Assessment in Healing of Diabetic Foot Ulcers	Dr. Deveswaran R.	SERB-Core Research Grant	FPH
82	Isolation of Alkaloids from the Inner Bark of Hymenodictyon Obovatum as an Alternative for Quinine in the Treatment of Malaria	Dr. Gowri Radhakrishnan	SERB-Core Research Grant	FPH
83	Nano Fortification of Flour for the Effective Management of Nutritional Deficiencies	Dr. Sindhu Abraham Mrs. Sharon Caroline Furtado	DST - Women	FPH
84	Development of Directly Compressible Calcium Carbonate Granules for Tablet Manufacturing	Dr.R.Deveswaran Dr.Sandhya K.V. Dr. K. R. P. Shenoy	BIRAC-PACE	FPH
85	Design and Development of Arthometer	Dr. D. C. Sundaresh Mr. Parikshith N.	BIRAC-PACE	FPH
86	Design and Development of Most Cost Effective Arthroscopic Shaver System	Dr. D. C. Sundaresh Mr. Parikshith N.	BIRAC-PACE	FPH
87	Leveraging Artificial Intelligence In Big Data Analysis To Detect Robust Alzheimer's Disease-Specific Targets For Drug Repurposing	Dr. Saraswathy G. R.	DBT - Al Genomics in Big Data Analysis	FPH
88	Guar Gum Composite Nutraceutical Supplement for Effective Management of Life Style Disorders	Dr. V. Madhavan	BIRAC	FPH
89	Dietary Fibre of Guar Husk €" A Novel Approach for the Management of Obesity and Associated Life Style Disorders	Dr. Ashoka Babu V. L.	BIRAC	FPH
90	Thermoresponsive Sterile Nano Calcium Solutions for the Effective Management of Burns	Dr. Sindhu Abraham	VGST - RGF	FPH
91	Thiolated Polymer Hybrid- Hydroxyapatite Nanocomposite Mediated Transdermal Delivery for Improvement of Bone Microarchitecture	Dr. Dhrubojyoti Mukherjee	VGST - K-FIST L1	FPH

92	Keto Cookies: Development of Novel Nutraceutical for the Management of Obesity	Dr. Parasuraman P.	VGST - K-FIST L1	FPH
93	Hybrid Polymer Based Nano-Woven Scaffolds For Dermal Tissue Engineering Applications	Dr. R. Deveswaran	VGST - K-FIST L1	FPH
94	Screening of Selected Herbal Extracts for Cytotoxicity, Genotoxicity, Wound Healing and Protein Expression	Dr. Sandhya K. V.	VGST - K-FIST L1	FPH
95	In Silico Screening and Larvicidal Evaluation of Selected Phytoextract against Malarial, Dengue and Filarial Vector Mosquitoes	Dr. K. Sundara Saravanan	VGST - RGF	FPH
96	Antimicrobial Activity of Metal Oxide based Materials with a Special Emphasis on the Effect of Temperature, pH and Addition of Chemical Agents	Dr. Manikanda Prabu N.	SERB-Core Research Grant	FMPS
97	Development of Flexible Biobased Polyurethane- Nanocellulosemesoporous Carbon Nanosphere Hybrid Composites for the Targeted Removal of various Pollutants from Waste Water	Dr. Jineesh A. G.	SERB-Core Research Grant	FMPS
98	Phytogenic Synthesis of Magnetic Nano Particles using Allium Cepa L. Wastes. It's Functionalization with Sulphur Containing Amino Acid and Kinetic Studies for the Remediation of Mercury from Simulated Waste Water	Dr. Jyotsna Kumar	SERB-Core Research Grant	FMPS
99	A Study on Ramanujan's Theta Function Identities and Congruences for Certain Partition Functions	Dr. S Chandankumar	MATRICS	FMPS
100	A New Approach to Tune the Microstructure of Doped CMR Manganites to Enhance the Low Field Magnetic-Response Properties for Spintronics and Magnetic Refrigeration Applications near Room Temperature	Dr. Manjunatha S. O.	UGC-DAE Consortium for Scientific Research, Kalpakkam, IGCAR, Tamilnadu	FMPS
101	Study on Integrating Particle Additives with Different Morphology and Surface Characteristics for Multi-Phase Shear Thickening Fluids with Lower Critical Shear Rate	Dr. Jineesh A. G.	VGST - RGS/F	FMPS
102	Award for Research Publications	Dr. K. J. Mallikarjunaiah	VGST	FMPS
103	Design and Implementation of Advanced Experiments for Physics	Dr. K. J. Mallikarjunaiah	VGST - K-FIST L1	FMPS

	Graduate Students in the Areas of			
	Vacuum, Resonance (Magnetic), and Transport Measurements in Multiferroics Leading to the Design of Low-Cost Zero Field NMR Spectrometer			
104	and Fabrication for Device Applications. Investigation of Rare Earth Upconversion Fluorescent Nanoparticles in Emerging Biomedical Field	Dr. Ravikumar B. S.	VGST - RGS/F	FMPS
105	Geometrical Approach to Enhance the Accurate Movements of Robots.	Dr. Somashekhara G.	VGST - K-FIST- L2	FMPS
106	Microstructure Engineering to Enhance the Thermoelectric Performance of (Bi/Sb)2(Te/Se)3 Metal Chalcogenides for Thermal Waste Energy Harvesting	Dr. Manjunatha S. O.	VGST - K-FIST L1	FMPS
107	Studies on Photoassisted Antibacterial Activity of Bismuth based Magnetic Composites for the Treatment of Contaminated Water Bodies	Dr. N. Manikanda Prabu	VGST - RGS/F	FMPS
108	Mercury Removal from Simulated Waste Water by Green Chitosan Nano Composite Embedded with Leaf Extract of Brassica Gongylodes and its Kinetic, Isotherm and Thermodynamic Studies	Dr. Jyotsna Kumar	VGST - CESEM	FMPS
109	Synthesis and Characterization of Nitrogen Rich Aromatic Substituted Tetrazole Polymers and Evaluation of their Energetic Binder Properties	Dr. Sunil Kumar Y. C.	DRD0	FMPS
110	Formulation of Millet based Resistant Starch Enriched with Bio-Actives as Human Health Promoting Product	Dr. Kavitha P. Dr. Rohini Keshava	Scheme for Young Scientists and Technologists - DST	FLAHS
111	Isolation and Characterization of Anticancer Bioactive Components from Imperata Cylindrica (L.) Raeusch.	Dr. Rohini Keshava	Start-up Research Grant - SERB	FLAHS
112	Development and Characterization of Karnataka Patient Derived Culture Collection (KPDCC)	Dr. Soma Chaki	VGST - CESEM	FLAHS
113	Establishment of Food Processing Laboratory for Research and Training Students, Rural Youth and Women Entrepreneurs	Dr. N.A. Nanje Gowda	VGST - K-FIST L1 & L2	FLAHS
114	Multi-omic Approach to Dissect Tinospora Cordifolia Genome to Uncover its Potential to Ayurveda	Prof Malali Gowda Dr. Pavithra N. Dr. Lavanya Devi K. Dr. S. N. Venugopal Dr. Noorunnisa Begum	National Medicinal Plants Board Ministry of AYUSH	FLAHS

# Publications, Patents, University Journal Publication and University Newsletter

Publications, Patents, University Journal Publication and University Newsletter (This data includes work done by the institutions before being constituted as Faculties of the University)

### **Publications**

Faculty	Scopus/Pub Med/Medline/Google Scholar Indexed Journals	Non Scopus / Non Pub Med / Non Medline Indexed Journals	National Conferences	International Conferences
FET	24	09	03	22
FAD	02	04	00	00
FMC	18	09	00	04
FMPS	18	05	00	01
FLAHS	04	02	00	00
FPH	28	08	00	14
FDS	30	19	00	00
FHMCT	03	02	00	04
Total	127	58	03	45

### Patents

Faculty	Number of Patents	Number of Patent
	Filed	Awarded
FET	11	01
FAD	03	00
FMC	00	00
FMPS	00	00
FPH	04	00
FDS	08	00
FHMCT	01	00
Total	27	01

Details of patents are shown in Annexure - 9

Name of the Journal	Volume and Issue No	Date of Publication
CACToch Journal	18(02)	August 2019
SASTech Journal	19(01)	January 2020
Journal of Dental and Orofacial	15(02)	August 2019
Research (JDOR)	16(01)	January 2020
UAS - Journal of Management and Commerce (UAS-JMC)	06(01)	January 2020

## 6. University Staff

The nain strength of Ramaiah University of Applied Sciences comes from its members of faculty. There are 405 nightly qualified, experienced and renowned academicians and 320 technical and administrative support staff.

## Teaching and Research Staff:

The following table summarizes the number of  $\mathsf{T}$  aching and Research staff as of the date of this report

Sl. No	Faculty	Number of Number of Professors Associate Professors		As	nber of sistant fessors	Number of Sr. Lecturers/ Lecturers/ Tutors		Total	Number of Ph.D. Holders		
		Male	Female	Male	Female	Male	Female	Male	Female		
1	Engineering and Technology	13	2	13	6	60	32	10	7	143	42
2	Art and Design	0	0	0	0	10	5	3	3	21	1
3	Management and Commerce	3	0	5	1	4	10	0	1	24	8
4	Mathematical and Physical Sciences	3	2	0	0	29	5	1	5	45	39
5	Dental Sciences	10	8	9)	15	6	11	4	7	70	4
6	Pharmacy	6	1	2	1	14	17	0	0	41	23

7	Hospitality Management and Catering Technology	2	1	0	4	8	11	1	0	27	2
8	Life and Allied Health Sciences	2	2	3	2	9	11	0	5	34	15
	Total	39	16	30	28	140	102	19	28	405	134

### Technical and Administrative Staff

The table below summarizes the number of Non-Teaching Staff as of the date of this report.

Sl.	Non – Tea	ching Adminis	stration	Non	– Teaching Tech	nical	Grand Total
No.	Male	Female	Total	Male	Female	Total	
1	154	87	241	68	11	79	
Grand Total	154	87	241	68	11	79	320

## Faculty and Staff

The lists of faculty members are given in **Annexure 10** 

### Staff Development Programmes

The University conducts the following staff development programmes:

- 1. Curriculum Development
- 2. Course Material Development
- Assessment and Grading
- 4. Writing Research Proposals for Grants
- 5. Governance and Management of University
- 6. Deputes staff for Seminars, Workshops, Conferences at both National and International level
- 7. Organizes Technical Training Programmes
- 8. Induction and Training Programmes for new staff

### Staff Welfare

The University is actively contemplating extending the following welfare schemes for its staff.

While some of these have already been implemented, others are at various stages of

implementation.

The Table below provides details of the various staff welfare schemes.

HR and Staff Welfare Department	A separate HR and Staff Welfare Department has been created. Chief Manager – HR and Staff Welfare heads the department
Employment Regulations and Benefits	A HR manual has been created clearly explaining the contract terms and benefits and has been uploaded on the University Website
Salary Fixation	All teaching staff are being paid as per the UGC scales All Administrative and Technical staff are being paid as per Government of Karnataka scale
Higher Education Policy	Staff interested in pursuing Higher Education like Ph.D. are given 50% fee concession. Staff are encouraged to undergo specialist training programmes with agreed conditions
Insurance Scheme	All the Faculty Members have been covered by Medical Insurance and Accident Insurance Schemes MSR Health Benefit Scheme of MSR Hospital is also extended on individual payment basis
Committees	Sexual Harassment Committee Staff Career Progression Committee Staff Disciplinary Committee Staff Grievances and Redressal Committee Staff Induction Training Committee Staff Performance Appraisal Committee Staff Recruitment and Selection Committee Staff Welfare & Inclusiveness Committee

## **Directorate of Student Affairs**

Directorate of Student Affairs of the University takes care of welfare of the students, provides assistance to the students to get internship and employment in professional organizations, encourages students to participate in cultural and sports activities, undertake social service activities and keeps them in contact with the University even after their graduation.

#### **Accommodation**

The University provides accommodation on its campus for student who desire to stay on campus. The following table describes the accommodation available.





Sl. No.	Location	Number of Rooms	Accommodation Provision
1	Student Hostel at Peenya	123	246 Students
2	Student Hostel at New BEL Road	150	300 Students

## Sports and Games

On each campus, students have been provided with both indoor and outdoor sports facilities and gymnasium. There are two qualified Sports Managers to guide students on sports activities.

Student have the opportunity to participate in intra faculty, inter collegiate sports competitions and annual sports day events.

The following table describes the infrastructure available for sports and games:

Sports and Athletics	Space Availability	Facilities
Cricket	Peenya Campus	Cricket Nets

		(7 X 35)meters
Football	Peenya Campus	Field (92 X 45)meter
Basket Ball	Peenya Campus/Gnanagangothri Campus	Basketball court (21 X 36)meter
Volley Ball	Peenya Campus	Volley ball court (28 X 18 )meters
Throw Ball	Peenya Campus	Throw ball (26 X 18) meters
Tennis Ball Cricket	Peenya Campus/Gnanagangothri Campus	Field (92X 45) meters
Gymnasium	Peenya Campus/ Gnanagangothri Campus	Indoor Sports Centre
Table Tennis	Peenya Campus/ Gnanagangothri Campus	Indoor Sports Centre
Carom	Peenya Campus/ Gnanagangothri Campus	Indoor Sports Centre
Chess	Peenya Campus/ Gnanagangothri Campus	Indoor Sports Centre
Track for Athletics	Peenya Campus/ Gnanagangothri Campus	200 Meter track
Yoga and Meditation	Peenya Campus/ Gnanagangothri Campus	Sports Centre



Students enjoying the game at Peenya campus



Gymnasium set-up at Peenya campus

### On Campus Facilities

- · Post Office
- Cafeteria
- Reprography
- Parking
- ATM's

### **Mess and Cafeteria**





The hostel in Peenya campus has a full-fledged mess which provides breakfast, lunch, evening snacks and dinner to hostel inmates. For those who stay in the hostel it is mandatory that they register with the mess for food. Laundry and housekeeping facilities are also provided in the hostel. On the campus, as well as in the surrounding areas there are many cafeterias that serve a variety of refreshments and beverages.

#### **Health Centre**

University provides comprehensive dental and medical check-ups annually for all its students. Medical facilities are available on both the campuses and medical practitioners are available for students to consult with and provide advice and treatment for all health related issues.



Ramaiah Teaching Hospital

### Yoga Day and Athletics Meet

#### **International Yoga Day Celebrations**

Ramaiah University of Applied Sciences, Bengaluru celebrated the Fifth International Day of Yoga on June 21st 2019 in association with Gokula Education Foundation (Medical) and Ramaiah Indic Specialty Ayurveda Restoration Hospital and Narayana Heart Centre. Yogarathna Dr. S N Omkar, Department of Aerospace Engineering, IISc. Bengaluru was the Chief Guest on the occasion.









#### **Annual Athletics Meet-2019-20**

The 6th Annual Athletic Meet of RUAS was held on Saturday 19th October 2019 in GEF Ground. Mr. Arjun Devaiah, International Athlete, Ekalavya and Rajyotsava Awardee was the Chief Guest. During his address to the gathering Mr. Devaiah exhorted students to equal importance to their hidden talents apart from academics, which he said was very important. The highlight of this year's Meet was the Live Band by students of Vidyaniketan School during the March Past by different teams of the University. Honorable Vice Chancellor of the University, Dr. Sivaguru S Sritharan presided over the function. The welcome address was given by Director-Student Affairs, Dr. Reema Chaudhury.

Track and Field events like 50 mts, 100 mts, 200 mts, 400 mts, 800mts, 1500 mts, 4 X 50 mts relay, 4 X 100 mts relay and 4 X 400 mts relay, Shot Put, Discus Throw, Long Jump, High Jump and Triple Jump, Sack Race, Hit the Wicket and Tug of War for staff and students was held. Students participated enthusiastically in all the events.

The Shield for the Best March Past team was given to Faculty of Pharmacy. The Best Athlete Trophy-Female was awarded to Ananya S Bharadwaj from B Tech (ECE) 4th year from Faculty of Engineering & Technology and Best Athlete-Male to Anwar Mirza from BBA 1st year from Faculty of

## Yoga Day and Athletics Meet

Management & Commerce. The Overall Championship was won by Faculty of Dental Sciences with 71 points.













**Inter Faculty Tournaments** 

Inter Faculty Staff Cricket Tournament: 4th January 2020.

Inter Faculty Tennis Ball Cricket Tournament for Staff was held on 4th Jan 2020 in MSR Sports ground. Seven teams (University House A team and B team, Work Shop team, Dental Teaching team and Non-teaching team, Techno Center team and FET team) participated in the tournament. Matches were played on knock out basis with 8 overs a side. The Work shop team were the Winners by 32 Runs while the Runners were FET team. Trophies, medals and certificates were given to both the teams. The Best Batsman trophy was awarded to Mr. S M Kishore from FET team, Best Bowler to Mr. Kumar G M from Directorate of Student Affairs and Best All Rounder to Mr. Rakesh from FMC.

### **Inter Faculty Tournaments**

#### Inter Faculty Staff TT, Carom and Shuttle Badminton Tournament: 11th and 12th January 2020.

- Inter Faculty Table Tennis, Carom & Shuttle Badminton Tournament for Staff (Men) was held on 11th and 12th January 2020 in GG campus.
- In Table Tennis Men's singles, the Winner was Mr. Raghvendra from FHMCT and Runner up Dr. Roshan Sagarkar from FDS.
- In Carom Men's Doubles, the Winners were Mr. R Shekar and Mr. Hanumesh from FDS and Runners up Mr. Harikrishna and Mr. Nithin Rao R from FET.
- In Shuttle Badminton Men's Doubles the Winners were Mr. Shyam Prasad from FHMCT and Dr. Manjunath from FMPS and the Runners up Mr. Goutham Nagraj from Data Centre and Mr. Vidyanand Desai from FAD. In the Men's Singles category the winner was Mr. Goutham Nagraj from Data Centre and Runner up Mr. Shyam Prasad from FHMCT.

# Inter Faculty Throw Ball, Cricket, Volley Ball, Football, Shuttle Badminton, Kabaddi and Kho-Kho Tournament: From 18th January to 7th March 2020.

- Inter Faculty Kabaddi competition was held on 07th March 2020 at Peenya Campus. Department of Electronics and Communication Engineering team were the winners and Faculty of Pharmacy team were the runners. 6 teams participated in the competition.
- Inter Faculty Kho competition was held on 26th February 2020 in Peenya Campus. Department
  of Electrical and Electronics Engineering won the competition while department of Computer
  Science Engineering stood second.
- Inter Faculty Shuttle Badminton tournament was held on 22nd & 23rd February 2020. In Men's Singles Mr. Vamsi from FET was the winner Mr. Indriyan was the runner up. In Doubles, Mr. Mr. Vimsi and Mr. Rohit from FET stood first while Mr. Mayank and Mr. Vivek from FET came second. In the Ladies Singles Ms. Sneha from FET stood first while Ms. Ushnaa from FPH came second. In the Mixed doubles event Mr. Ayush from FLAHS and Ms. Ushnaa from FPH were the winners while Mr. Vimsi and Ms. Sukhany from FET were the runners up.
- Inter Faculty Football tournament was held on 8th to 9th Feb 2020 at MSR ground. Faculty of Art and Design Football team were the winners and Department of Electronic and Communication Engineering team were the runners. Eight teams participated in the tournament.
- Inter Faculty Volley Ball Tournament was held on 25th January 2020 in Peenya campus. 9 teams participated in the tournament. FMC team was the winner while FHMCT was the runner-up.
  - Inter Faculty Cricket tournament was held at MSR ground on 18th & 19th January 2020. Twelve teams participated (FMC, FDS, FPH, FHMCT, FLAHS, FAD, ASE, CSE, ECE, Civil, Mech and EEE). Matches were played on knock out basis. The winner of the tournament was FMC and runner up FPH. Best Batsman trophy went to Mr. Loukik from FMC, Best Bowler to Mr. Masu and Best All Rounder to Mr. Loukik from FMC.
- Inter Faculty Throw Ball tournament for girls was held on 18th January 2020 in Peenya campus. First place went to the team from CSE & ECE and second position to team from FLAHS.

## **Inter Faculty Tournaments**









### Inter University & Open Tournament Participation

- RUAS Basket Ball team has participated in M.S. RAMAIAH Memorial Basket Ball tournament organized by RIT, Bengaluru from 9th to 10th September 2019
- RUAS Yoga team has participated in State Level Yoga competition organized by women's club, Malleswara, Bengaluru on 11th September 2019.
- RUAS TT (Men & Women), Shuttle Badminton (Men), Volley Ball (Women) & Football (Men) Teams participated in BMSCE Kreedostava organized by BMSCE, Bengaluru from 1st to 4th October 2019.
- RUAS Yoga team has participated in State Level Yoga competition organized by Sri Yoganidhi Pathanjali Prathistana ® Mangalore at Narikombu, Bantwala (T) from 5th to 6th October 2019





## **Inter Faculty Tournaments**





- RUAS Cricket (men), Football (men), Throw ball (Women), Shuttle Badminton (Men), Kabaddi (Men) & Basketball (Men) teams has participated in INFINI Sports Fest organized by PES University from 10th to 14th October 2019.
- RUAS Table Tennis team has participated in Intra GEF TT tournament organized by RUAS, Bengaluru on 24th November 2019.
- RUAS Cricket Team has participated in Inter University South Zone Cricket Tournament organized by University of Mysore, Mysore from 28th November to 12th December 2019.
- RUAS Foot Ball & Table Tennis teams has participated in RIVIERA Sports Fest from 11th & 12th January 2020 at Vellore University, Katpadi, Tamil Nadu.
- RUAS Cricket team has participated in Devadan Cup from 15th January to 18th January 2019 at Christ University, Bengaluru

There is a dedicated placement cell which takes care of Placements. The University is committed to find internships and employments to its students in the organizations with opportunities for growth.

#### The activities of the Placement Cell are:

- Creation of database of companies who recruit fresh graduates
- Matching student qualification with the company requirements
- Creation of Student CVs
- Creation of Student Placement Brochures
- Organizing Leadership programmes for students
- Forwarding CVs to Companies
- Liaison
- Organizing Interview for students
- Placements of Students
- Maintain student placement records

#### Pre-Placement Training Introductory Session for Management & Commerce

Directorate of Student Affairs has organized a session on "Pre- Placement Session" for Management and commerce students on 24th October, 2019 at 4PM in G-14 Gnanagangothri Campus. The Seminar was delivered by Dr Reema Chaudhury, Director - Student Affairs.

The aim of this program is to know the students about Pre- placement registration and interview skills. The Seminar started by 4 PM in G-14 from Director Student Affairs Seminar was delivered by Dr Reema Chaudhury, Director - Student Affairs. Total 65 students have participated and the seminar was done well with student's interaction followed Q & A session.



#### **Resume Writing Session:**

Directorate of Student Affairs has organized Seminar "Resume Writing" for Management and commerce students on 4th November, 2019 at 10AM in G-16 Gnanagangothri Campus . The Seminar was delivered by Dr Reema Chaudhury, Director - Student Affairs.

The aim of this program is to know the students about how to write the professional resume and what are the important things to update in the resume.

Total 74 students have been participated and the seminar was done well with student's interaction followed QA session.



#### **Career Guidance by T.I.M.E Institute:**

Directorate of Student Affairs has organized Seminar on "Career Guidance by T.I.M.E Institute" for Management and commerce students on 6th November, 2019 at 11AM in G-16 Gnanagangothri Campus. The seminar was delivered by Mr. Surjith V. G- General Manager T.I.M.E Bangalore. The aim of this program is to know the students about how to choose right career and opportunities in the digital era. Total 77 students have been participated and the seminar was done well with student's interaction followed QA session.



#### **Group Discussion Session:**

Directorate of Student Affairs has organized Seminar on "Group Discussion Session" for Management and commerce students 14th November, 2019 at 10AM in G-16 Gnanagangothri Campus. The Seminar was delivered by Ms Roopa Patil, Faculty from DTSLD.

The aim of this program is to know the students about the Importance of Group discussion in interview process and what are the dos and don'ts in in the Group Discussion. Total 45 students have participated and the session was done well with student's interaction followed Q&A session.



#### **Mock Interview Session:**

Directorate of Student Affairs has organized Seminar on "Mock Interview Session" for Management and commerce students on 23rd November, 2019 at 11AM in G-16. The session was taken by DTSLD Team.

The aim of this program is to know the students about understand how the interview process will go on in the industry and how to be ready for the interview process. Total 45 students have attended the Mock Interview Session.



#### **Career Development & Personality, Grooming Program:**

Directorate of Student Affairs has organized one-day Seminar on "Career Development & Personality, Grooming Program" for Management and commerce students 9th December, 2019 at 11AM IAS Auditorium. The Seminar was delivered by Ms. Juliet – Gillette India Pvt. Ltd.

The aim of this program is to know the students about to gain the knowledge on the how to develop career, Personality development and Grooming styles in current trend.

Total 146 students participated. After the workshop, the male students were given the option of visiting a kiosk set up in the institute premises in which the team from Gillette demonstrated practical grooming techniques like shaving and hair styling. All the students who participated in the workshop were given a participation certificate by Gillette.

practical grooming techniques like shaving and hair styling. All the students who participated in the workshop were given a participation certificate by Gillette.



#### Pre-Placement Training Introductory Session for Pharmacy students:

Directorate of Students Affairs organized an "Introductory session on Pre Placement Training program" on 23rd August, 2019 for Faculty of Pharmacy students. The Session was delivered by Dr. Reema Chaudhury, Director- Students Affairs. The purpose of this session was to acquaint the students with the placement process and guidelines. Total 25 students attended the session.



#### Placement 2020

Placement process for 2020 graduating students began in the month of September 2019 with registration of students interested in seeking job opportunities. This was followed by preparation of tracker of students. Many companies were contacted inviting them to conduct campus placement drive.

The details of placement drives in different faculties along with names of students selected with the designation offered is listed below.

#### **International Placement:**

Japanese companies conducted campus placement drives in the University and have selected students to work in Japan. The details are given hereunder:

- East Co ltd drive was conducted on 16th October 2019 and offered Mr. Abhinaw Anand from B. Tech CSE the designation of Web developer.
- Toyokoh drive was held on 26th Feb 2020 and 1 student got an offer, Ms. Bhumika H from B. Tech in ECE.
- Fujikikai drive was held on 18th Feb 2020 and 1 student got an offer, Mr. Abdul Hadi from B. Tech in Mechanical.
- Iwane Laboratories drive was held on 25th October 2019 and 2 students got an offer. Mr. Ashish Kumar from B. Tech CSE and Ms. Spoorthi Hanji from B. Tech ECE have been taken as Application Engineers.
- Sato Corporation drive was held on 13th Nov 2019 and selected 2 students. Mr. Prince Kumar and Mr. Souvik De from B. Tech CSE have been offered the designation of Filmware Development Engineer.
- Nissan Kiko drive was held on 26th Nov 2019. Mr. Pranav Ganesh and Mr. Mohan Raj from B. Tech ME have been taken as Machine Design Engineer.
- Yupiteru drive was conducted on 27th Nov 2019 and offered Mr. Ameya Maheshwari and Ms. Niveditha from B. Tech CSE the designation of Software Engineer.



Mr. Abhinaw Anand B.Tech - CSE



Ms. Bhumika H B.Tech - ECE



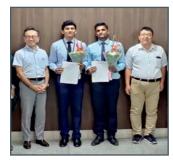
Mr. Abdul Hadi B.Tech - ME



Mr. Ameya Maheshwari Ms. Niveditha B.Tech - CSE



Mr. Prince Kumar & Mr. Souvik De B.Tech - CSE



Mr. Pranav Ganesh Mr. Mohan Raj B.Tech - CSE



Mr. Ashish Kumar Ms. Spoorthi Hanji B.Tech - CSE

Detailed information of Placement mentioned in **Annexure – 11** 

### **Sports Workshop**

#### Workshop on Self-defense techniques-6th March, 2019

Sports Division of Directorate of Student Affairs had organized workshop on Self-defense techniques by Shankar Rao Sinde, on 6th March 2020 at Peenya Campus. 55 students and staff participants had attended the workshop. Mr Shankar Rao Sinde emphasized on the need and necessary for women to know the self-defense techniques in this era. He also demonstrated 10 different techniques where the participants were made to learn it on the spot.











#### Workshop on Fitness for Better Health-7th March, 2019

Sports Division of Directorate of Student Affairs had organized workshop on Fitness for Better Health by Dr. Chandana Eswar, Guest Lecturer, Bangalore University on 7th March 2020 at Peenya Campus. 70 students and staff participants had attended the workshop. She spoke about physical health, mental health, social health and also how this qualities effects and influences our daily activities which further effects our nations, world and so on. She also emphasized on the importance of moral values for mental health with includes meditation, prayer and so on. She also taught how to improve these qualities.







#### Fresher's Day

Fresher's Day for students of B Tech, B Design and B Sc. (PCMS) was held on 27th September 2019 in Peenya campus and the team of the Kannada movie "Kanadanthe Mayavadanu" was invited to be the Chief Guest of this function. The entire Peenya campus was decorated with artifacts created by FAD students.



#### Ramaiah Habba @ Peenya

Ramaiah Habba, a cultural extravaganza of Ramaiah Group of Institutes, held in Gnanagangothri campus on a monthly basis, was celebrated on 14th October 2019 in Peenya Campus for the first time. The purpose of this event was to give a platform to the students every month to show case their young hidden talents and also to include a fun activity in the student life of RUAS. Dr. Sivaguru S Sritharan, Vice Chancellor of the University graced the occasion with his presence. The event was packed with various cultural performances by the students of Peenya campus. The students of the core cultural committee 'Saanskritik' was in the forefront in coordination and organization of this event.













### DIMDIMA 2019-Karnataka Rajyotsava-Peenya Campus:

Karnataka Rajyotsava celebrations "Dimdima" was held on 14th November 2019 in Peenya Campus. The team of "Katha Sangama" Kannada Movie Mr. Pramod Shetty and Mr. Rakesh Shetty were invited as Chief Guests. Folk music and dance items were performed during the festivities. The event also witnessed the cultural heritage of Karnataka exhibiting Veeragase, Yakshagana, dance, skit, singing, musical chair, sports like Kabaddi, Tug of war, sack race and Kho Kho. The Rajyotsava day was celebrated with great joy in the campus and was memorable for all the students and staff members.



#### KAHALE 2019-Karnataka Rajyotsava- GG Campus:

Karnataka Rajyotsava celebrations "Kahale" was held on 19th November 2019 in Dwaraka Auditorium, GG Campus. The event had many competitions for students and staff, special performance by Mr MC Bijju (Kannada Rapper), felicitation to two dignitaries for their special initiatives towards the enhancement of Kannada language and social well-being of people of Karnataka and also the showcasing of rich cultural heritage of Karnataka in the form of Veeragase and Yakshagana live performance. Th chief guest for the event was Mr. Kirik Keerthi, well-known Kannada movie star and Dr, Sundaresh D. C., PVC Health Sciences also graced the occasion by his presence as the Guest of Honour.













## Students representing RUAS in Inter-University Cultural Competitions:





Euphony, Music Band of RUAS secured Runners' Up position in Battle of Bands organized Narsee Monjee Institute of Management Studies, 6th March, 2020



#### National level Fest – Riviera- Organized by Vellore Institute of Technology, Tamil Nadu.

Our University students Dance Team "Antaheen" had been to Vellore Institute of Technology, Tamil Nadu on 12th and 13th February 2020 for a national level Fest called "Riviera". The team participated in a dance competition called "Frisk Factor". There were around 13 teams participating from all over the nation. Our team performed an Indian Contemporary on a Punjabi song which was a beautiful one to watch.

## **GEF Kannada Rajyotsava**





On 25th November, 2019 the management of GEF organized Kannada Rajyotsava celebrated grandly together with all the institutes under the GEF. Many competitions like Music, Dance, Fine Art, Short film, Poetry, Theater, Debate etc., were held in this event for the students of all GEF run institutions. RUAS students secured FIRST and SECOND Position in Group Dance Competition.

#### **Social Service Activities**

#### Blood Donation Camp: April 25, 2019

A Blood Donation Camp was organized in Peenya Campus on 25th April 2019 in association Ramaiah Memorial Hospital. Dr. Arulanantham, Dean, FET-RUAS inaugurated the Camp. He was accompanied by Dr. BS Dayananda, Associate Academic Registrar, FET-RUAS. Students and staff of the University donated blood voluntarily. The response for donating blood was very good. A total of 115 units of blood was collected





#### Blood Donation Camp: October 10, 2019

Blood Donation Camp was organized in Peenya Campus on 10th October 2019 in association with Ramaiah Memorial Hospital. Students enthusiastically participated and donated blood voluntarily. A total of 142 units of blood was collected. Staff of blood bank appreciated the tremendous response from the students







#### Ramaiah University contributes to Karnataka Flood Relief: 29th August, 2019

The staff and students of Ramaiah University of Applied Sciences, Bangalore have generously contributed towards Karnataka Flood Relief. An appeal was made to voluntarily donate items in kind only. No cash donations were entertained. Donation boxes were set up in all faculties of the University for people to donate food items such as rice, pulses, cooking oil, sugar, salt, biscuits, tetra pack milk, toiletry items like soap, tooth brush, tooth paste, detergent and shampoo, medicines and other materials like sanitary napkins, diapers, mats, towels, blankets etc. The collected material was handed over to an NGO-Way for Life, in JP Nagar for distribution to the needy people.

#### **Social Service Activities**







#### Service to society:

Each student of the University during the course of his/her study period has to compulsorily undergo a Mandatory Service to Society Program. Usually the second year under graduate and first year post graduate students undertake this program. This year DSA got a sanction of Rs. 3.90, 000/- (per team Rs.7500/-) and organized the program of a total of 43 teams consisting on an average 35 students and 2 staff members per team. Report of activities undertaken in the academic year 2019-2020 by various teams of the University, in and around Bangalore, has been consolidated in this booklet.

The activities were the following:

- a) Visiting old age homes and orphanages for dental and health checkup and donating food items and common medicines.
- b) Visiting Government schools to provide career guidance and opportunities, use of computers, donating stationery items.
- Creating awareness on cleanliness, waste management, current issues, awareness near traffic junction to use bus shelter, assisting Forest Department in afforestation program and planting saplings,
- d) Cleaning public places.
- e) Assisting in National Immunization Drive etc.













## **University Mascot**



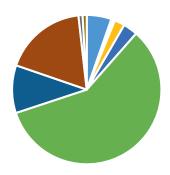
DSA executed the idea of Honourable Vice Chancellor and with the help of Neil, a student from FAD created the RUAS Mascot. We believe that RUAS mascot will soon become a constant cheerleader, a sense of pride and a creator of enthusiasm and ownership amongst our students and staff. We hope over the time, RUAS mascot will become a recognizable symbol for all and will also increase brand visibility.

## **Directorate of Training and Lifelong Learning**

The Directorate of Training and Lifelong Learning is responsible for running Training, Skill Development and Lifelong Learning programmes. The Directorate offers these programmes to aspiring candidates and practicing professionals from industry, businesses and academia. The Directorate facilitates the delivery of Training and Lifelong Learning courses through the Faculties of the University and or using its own staff and subject experts/consultants.

#### **Programmes Offered by the Directorate**

- 1. Bachelor of Vocational Degree (B. Voc.)
- 2. Postgraduate Certificate in Professional Practice (PGCPP)
- 3. Post Graduate Diploma (PG Diploma)
- 4. Advanced Certificate Programme (ACP)
- 5. Modular Training Programme (MTP)
- 6. Corporate Training Programme (CTP)
- 7. Proficiency Courses
- 8 Seminars
- 9. Workshops
- 10. Advanced Skill Training Programme (ASTP)
- 11. User Oriented Postgraduate Courses (UOPC) Overall Summary of Programmes conducted and People trained by Directorate of Training and Lifelong learning since 2014



- Bachelor of Vocational Degree (B. Voc.)
- Postgraduate Certificate in Professional Practice (PGCPP)
- Modular Training Programme (MTP)
- Proficiency Courses
- Advanced Skill Training Programme (ASTP)

- Post Graduate Diploma( PG Diploma)
- Advanced Certificate Programme (ACP)
- Corporate Training Programme (CTP)
- Seminars and Workshops
- User Oriented Postgraduate Courses (UOPC)

## **Directorate of Training and Lifelong Learning**

Sl.No	Programmes Conducted in 2019-20	Members Trained
1	Bachelor of Vocation (B.Voc.)	300
2	Post Graduate Diploma	29
3	Advanced Certificate Programme	13
4	Modular Training Programme 16	
5	Corporate Training 372	
9	Proficiency course by DTSLD 180	
10	Post graduate Diploma in Railway Signalling and Telecommunication 29	
11	Post Graduate certificate courses in Professional Practice in Dental Esthetics and Implantology	5

**300 students** have taken admission to B.Voc. Degree programme (Full time & Part time) for the academic year 2019 - 2020.

### The course wise admission to B.Voc. Programme is as follows:

Sl. No	Course	Diploma	Advance Diploma	B.Voc Degree	Total No. of Students
1	Product Design & Modelling (FT)	6	40	36	82
2	Product Design & Modelling (PT)	0	43	36	79
3	Mechatronics (FT)	2	13	9	24
4	Mechatronics (PT)	0	26	9	35
5	Culinary Operation	33	20	16	69
6	Post-Harvest Technology	11	0	0	11
	Total No. of Students	52	142	106	300

- We have signed MOU with Buhler for offering B.Voc. in Post-Harvest Technology for their trainee Engineers.
- We are conducting Post Graduate Diploma in Railway Signaling and Telecommunications with Ilex Academy and has seen 29 admissions last year
- Proposal on joint B.Voc degree with Bosch Limited is under discussion and finalized. The course curriculum for whole programme is ready.

#### **Techno Centre**

Consultancy, Product Design and Development and Business Incubation activities are managed by the Techno Centre headed by a Director. Directorate can leverage the fundamental and applied knowledge and problem solving abilities available within the Faculties and can access the teaching, training and research resources and skills for its projects. Industry, businesses and many research and development organizations who may want to solve complex problems, are interested in developing a new product concept, in the product development and commercialization of products or would like to invest in new technology development to replace existing one, obsolete technologies can access the ecosystem that exists in the campus to solve their requirements. Students and entrepreneurs alike are also provided access to the University's for this purpose. The Techno Centre aims to bring together the University, Industry, Business Organizations and enthusiastic youngsters for their mutual benefit.

#### Activities of the Techno Centre are:

- · Provides solutions to Engineering and Health Sciences related requirements from Industry
- Design and Develop Products of relevance in Engineering and Health Sciences for commercialization
- Provides Testing and Validation services to Industry
- Undertakes Commercialization of Technology Products
- Incubates Technology based Businesses
- Supports Technology based Businesses
- Supports Industrial Cluster Development

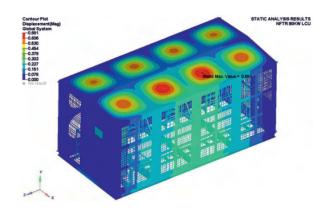
## The following table gives the details of the activities carried out.

Sl. No.	Project Title	Client	Duration (Months/Days)
	Mechanica	al & PIDC	
	Order received & Ex	kecuted in 2019-20	
1	Finite Element Analysis of Solar Module Mounting Structure & Pile for 1MWp	BEL	0.47
2	Finite Element Analysis of DG System for P-15 B Class Bearing Optimization	НМТ	0.93
3	Finite Element analysis of 3KVA UPS SYSTEM & conversion of 2D to 3D conversion of 3KVA UPS UPS BOTTOM CHASSIS	Aplabs Limited	1.00
4	Finite Element Analysis of 1058-26-FA Filter	Aqua Works Pvt Ltd	0.27
5	Finite Element Analysis of ITU	BEL	1.33
6	Air Borne SONAR: Structural Finite Element Analysis	BEL	3.97
7	Fabrication of TB Coated Pipes	FAURECIA INDIA PRIVATE LIMITED	0.70
8	Finite Element Analysis of Whirl pool Manifold Assembly	Aqua Works Pvt Ltd	0.33
9	Finite Element Analysis of Whirl pool Manifold Assembly - Extended Version	Aqua Works Pvt Ltd	0.40
10	Structural & Thermal Analysis - OIU Cabinet	BEL	2.33
11	Thermal Analysis & Finite Element Analysis of Local Launch Computer-LLC	BEL	2.33
12	CAD Modeling, FE Analysis & Validation of EMRU unit	Naval Scientific Technological Laboratory	6.00
13	3 D Printing (R P)	LAKSHMI PRECISION TOOLS	0.10
14	Finite Element Analysis of PMU	Amphenol Interconnect Pvt ltd	0.93
15	Thermal & Finite Element Analysis of- Display &	BEL	3.00

	T			
	Workstation Cabinet (HumsaNG -P17A)			
16	Finite Element Analysis of FDU-R Unit	BEL	1.00	
17	Thermal & Finite Element Analysis of- DMFC	BEL	2.33	
18	Finite Element Analysis of WP Filter A	Aqua Works Pvt Ltd	0.33	
19	Finite Element Analysis of Vacuum Casting Chamber (1993-000-000)-SPL305	High Hind Vaccum Ltd	0.67	
20	Finite Element Analysis of SR 280 – 4 Drive Assembly	TennovaDelkor India Pvt ltd	1.33	
21	Finite Element Analysis of 90 kW LCU	Entec Engineering	0.80	
22	Finite Element Analysis of Dexcel RDU Unit	Dexcel Electronics	0.83	
23	3D Scanning & Modelling of Complete Nut and Piston	Kateel Engineering	0.13	
	Projects Executed during 19-20			
	<u>Order receiv</u>	<u>red in 18-19</u>		
1	Finite Element Analysis of Drive Assembly 310	Tennova	1.67	
3	Design and Development Automated Lifting Mechanism for Light Weight Torpedoes	Naval Scientific Technological Laboratory	6.00	
4	Study of Unsteady Flow Dynamics Due to Afterburner Flame-holder using LES	GTRE	12.17	
5	Finite Element Analysis of Funnel Assembly & Winch	Sika	1.83	
6	FE & Thermal Analysis of PSDU V1 Unit	Amphenol Interconnect Pvt ltd	0.67	
7	Finite Element Analysis of DG System for B & D Class- Modified Top Plate	НМТ	0.70	
8	Development of Customized Planetary Gearbox	NPOL	3.00	
9	Finite Element Analysis of DG System for INS Talwar Class	НМТ	1.87	

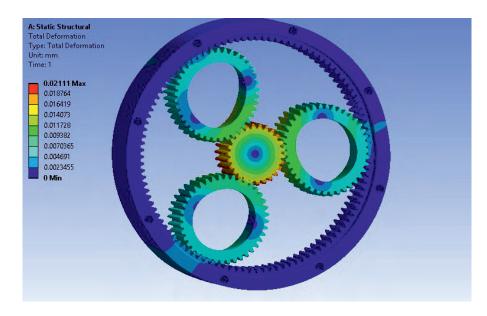
10	THERMAL AND STRUCTURAL ANALYSIS OF KU-BAND TRANSMITTER (SYS-P/N: 916- 01-1100-0000) Transmitter Unit	MTRDC	5.00
11	Finite Element Analysis of Compact Weapon Control Module	BEL	0.73
12	Thermal Analysis & Finite Element Modeling (Meshing) of PMU Unit with PCB Feature	Amphenol Interconnect Pvt ltd	0.73
13	Finite Element Analysis of Transportable Container	BEL-Navi Mumbai	1.50
14	Finite Element Analysis of A0467 STR UNIT	Trident Infosol	1.00
	Order received & Ex	xecuted in 2019-20	
	Electr	onics	
1	Design & Development of PCB Board	K12 Techno Services	0.23
2	Fabrication of PCB Board	K12 Techno Services	0.20
3	Fabrication of PCB (Bare Board)- Additional 5 No's	K12 Techno Services	0.20
4	Design of PCB - (Remote PCB)- Bare Board	K12 Techno Services	0.20
5	Fabrication of Remote PCB V1.1 - 5 No's	K12 Techno Services	0.20

## Some Projects successfully executed by Techno Centre









## Directorate of Transferable Skills and Leadership Development

In a constantly changing environment, it is essential to develop life skills to meet the challenges that one come across at workplace, home and while interacting with friends and general public on day to day basis. It is not sufficient that one is good at his/her technical domain but must be equally good at life skills for leading a successful career as well as life. Taking cognizance of this fact, M.S. Ramaiah University of Applied Sciences has created a separate Directorate to develop life skills in students as well as members of staff.

Enhancement of the transactional, transformational and transcendental leadership skills in the university stake holders to align with the University's Mission to serve the technical, scientific and economic needs of our society. DTSLD undertakes the following activities:

#### Holistic Development of Students through .....

- Academic Curriculum
- Communication Skills
- · Language Skills
- Personality Development
- Social Sciences and Ethics
- · Culture and Human Behavior
- Human Rights and Law

#### Extra-Curricular Activities....

- Debate
- Quiz
- Literary Club
- Theater
- Mock Court

#### Professional Development of Individuals through....

- Training, workshops, mentoring and coaching sessions on:
- Secretarial Practice
- Brand Ambassadorship
- Shop floor Leadership
- Negotiation
- Professionalism at Work
- Project Management
- Initiatives
- Shift in class-room teaching style, from being a teacher-centric to participant-centric style
- Workshops for enhanced effectiveness of internal stake-holders
- Training and development using 'Theater' as a tool

- Mentoring and Coaching students for prestigious competitions (Conventional Debate, British Parliamentary Debate, Model United Nations [MUN], Theater, Essay Writing)
- Innovations in Classroom Delivery
- Priority is for experiential learning
- Imparting knowledge / skill is through activities
- A repertoire of activities is created for each intended learning outcome
- Activities consist of games, exercises, case studies, role plays, group work, group task, debates, quizzes and video clips
- · A brief theory session to summarize and reinforce the experiential outcome
- · Innovations in Directorate Functioning
- · Agile Approach:
- Agility in development and delivery
- Welcome changing requirements
- Work closely with the customer
- Customer delight
- Continuous focus on quality and excellence
- Self-directed and self-organized team
- Initiating activities around motivated individuals
- · Rapid learning and continuous improvement
- Reflection at regular intervals

Name of the Activity	Details of the Activity	Photographs
Session on Organizational Behavior 10 <sup>th</sup> May 2019	Conducted a half-day session on Organizational Behavior for Masters of Hospital Administration (MHA) students of IGNOU. Around 20 students attended the session.  The objective of the session was to familiarize participants with the dynamics of behavior in organizations and offer pointers for effective inter-personal skills.  The session was interactive and activity oriented. It was well received by the student participants.	
Workshop on Social Intelligence 14 <sup>th</sup> May 2019	"A workshop on Social Intelligence was conducted for faculty members of RUAS. The aim of this workshop was to create an awareness about Social Intelligence, and facilitate insight into the participants' learned behavior in the area. The duration of the session was 4 hours, and the session called for introspection, sharing and discussion to arrive at a better understanding of the nature of Social Intelligence. Around 20 faculty members attended the workshop, which was well received."	
Aarambh – Induction for UG Students @ GG Campus 6 <sup>th</sup> August, 2019	Aarambh – an induction program for the 1 <sup>st</sup> semester undergraduate students of RUAS was organized at the GG campus. Around 400 students participated in the induction. The aim was to familiarize the freshers with college life as a transition from school life, and make them feel comfortable. Themes such as choosing friends wisely, not abusing body and mind, and being competitive were brought out by the active participation of the students in skits, followed by a relevant debrief.	

Aarambh – Induction for UG Students @ Peenya Campus 7 <sup>th</sup> August, 2019	Aarambh – an induction program for the 1 <sup>st</sup> semester undergraduate students of RUAS was organized at the Peenya campus. Around 250 students participated in the induction. The aim was to familiarize the freshers with college life as a transition from school life, and make them feel comfortable. Themes such as choosing friends wisely, not abusing body and mind, and being competitive were brought out by the active participation of the students in skits, followed by a relevant debrief	
Moot Court Competition 9 <sup>th</sup> April 2019	Conducted Moot Court for Faculty of Engineering and technology and Faculty of Art of Design. Around 20 students participated The objectives of the Moot court is to: Networking Researching and Writing Skills Building Confidence Practical Knowledge Team Work Society Welfare Creative thinking Motivation The moot court competition was based on Consumer Protection and Company law, it engaging and interesting as all the participants were very well prepared and the audience was equally interested and well invested during the moot court competition.	
Moot Court Competition 11 <sup>th</sup> January 2020	Conducted Moot Court for Faculty of Dental sciences. Around 50 students of Bachelors of Dentistry participated The objectives of the Moot court is to: Networking Researching and Writing Skills Building Confidence Practical Knowledge Team Work Society Welfare Creative thinking	

	Motivation The moot court competition was based on Contract Law, Consumer Protection and Dental act 1949, it engaging and interesting as all the participants were very well prepared and the audience was equally interested and well invested during the moot court competition.	
Moot Court Competition 18 <sup>th</sup> January 2020	Conducted Moot Court for Faculty of Dental sciences. Around 63 students of Masters of Dentistry participated The objectives of the Moot court is to:     Networking     Researching and Writing Skills     Building Confidence     Practical Knowledge     Team Work     Society Welfare     Creative thinking     Motivation The moot court competition was based on Contract Law, Consumer Protection and Dental act 1949, it engaging and interesting as all the participants were very well prepared and the audience was equally interested and well invested during the moot court competition.	
Moot Court Competition 15 <sup>th</sup> February 2020	Conducted Moot Court for Faculty of Engineering and technology and Faculty of Physics, Chemistry and Math. Around 25 students participated The objectives of the Moot court is to: Networking Researching and Writing Skills Building Confidence Practical Knowledge Team Work Society Welfare Creative thinking Motivation The moot court competition was based on Contract Law and Company Law, it was	

	engaging and interesting as all the participants were very well prepared and the audience was equally interested and well invested during the moot court competition. The prizes were given away by Dr. H. M. Rajashekara Swamy Professor and Dean (I/C), Head and Associate Dean	
Moot Court Competition 22 <sup>nd</sup> February 2020	Conducted Moot Court for Faculty of Management and commerce and Faculty of Biotechnology and Faculty of Food Technology. Around 30 students participated The objectives of the Moot court is to: Networking Researching and Writing Skills Building Confidence Practical Knowledge Team Work Society Welfare Creative thinking Motivation The moot court competition was based on Torts Laws, Contract Law and Company law, it engaging and interesting as all the participants were very well prepared and the audience was equally interested and well invested during the moot court competition. The prizes were given away by Dr.Sandhya lya Associate Director of DTSLD.	
Train the Trainer Workshop for FMPS Faculty Members on the Art Of Giving And Taking Feedback 30 November	Conducted half a day workshop for the faculty members of FMPS. The details pertaining to the same are given below –  Objective – Intrapersonal and Interpersonal perception gap analysis  Key features –	

Key features –

30 November

2019

	The workshop focused on the importance of creating learning space for students Differentiate the way we see ourselves vis a vis others look at us and its professional impact Importance of giving and receiving feedback in professional growth and development The mode of delivery was through activities, games and group discussions	
Debate Competition 2019 Sentience 5th April 2019 Peenya Campus	The RUAS debate club organised the Inter Faculty Debate competition in Peenya Campus. The objective was to encourage debating culture in student. Improve verbal and thinking skills and create a pool of debaters to participate in internal and external events. The event was a conducted in a competitive manner. A total of 20 teams registered and the winners of the event were: Aravind Belur and Saundarya from FET	
British Parliamentary Debate-2nd Edition Date: 21st and 22nd of Nov 2019 -Venue Peenya Campus	The 2nd Edition of BPD was organised by the RUAS Debate Club. It was organised for all the students of University and there were 22 registered teams from all the faculties. This style of debating enables students to learn the nuances of political debating. It helps students to learn note taking, analysing and structuring of data, and to presenting the information in logical format.  Cash prizes were given to the best team, best adjudicator and best speaker.  The winners of this event:  Best Team - Mayur and Meghana from BPharm; Best Adjudicator - Nikhil C Belfour From FET; Best Speaker- Anand Dereck from FAD	BRITISH PAPLIAMENTA OBS. IS  MARINENIA

Guest Lecture by Shilpi Khandelwal on topic "Design Thinking on 28/1/2020 A guest lecture was organised for 2nd Sem students of Civil, EEE, CS and Aerospace Engineering students.

Design Thinking is the human centred approach to problem solving. It helps to get deep understanding of customer's needs, it encourages a wide array of innovative solutions.



Debate Competition Sentience 2.0 -7th FEB 2020 Gnangangothri Campus The RUAS debate club organised the 2nd Inter Faculty Debate competition in Gnangangothri Campus. This event was eagerly awaited, hence many students participated enthusiastically. This time the competition was interesting and tough as there were many seasoned debaters and fresher competing for the title. A total of 22 teams registered and the winners of the event were: Nikhil C Belfour and Ashrit from FET



## Teaching and Learning Resources

Faculty	Classrooms (Seminar Halls)		Library	Workshops	
			Print Book Titles: 7804 E-Books: 386 Book Volumes: <u>12439</u>	Yes (Fitting, Carpentry,	
FET	48	45	E Journals: IEEE Explore: 188 ASCE: 35 ASME: 29 Total Journals :252 Magazines:8	Sheet Metal, Welding, Machine Shop, CNC Shop, RPT & Foundry & Forging)	NA
	9.0		Titles: 996 Volumes: <u>1408</u>		Yes
FAD	08	09	E Journals: <u>1</u> Magazines:8	NA	8 studios
			Titles: 2042 Volumes: <u>2770</u>		
FMC	11	06	E Journals: EBSCOHOST Business Source Elite: 1108 Magazines:6	NA	NA
EMBC	05	03 + Labs of	Titles: 898 Volumes: <u>1876</u>	NA	NA
FMPS	05	FET are available	Journals: - 6 Magazines:9	NA NA	NA
FDS	08	30	Titles : 2217 Volumes: <u>12606</u>	1	NA
			Journals: 2691		
FPH	15	28	Titles: 3702 Volumes: <u>8443</u>	NA	NA
			Journals: - 1988		
FHMCT	09	14	Titles- 3690 Volumes: <u>8190</u>	NA	NA
			Journals: - 16		
Total	104	135	Volumes: 47732 Journals: 6062	2	8

## Learning Resources & ICT-Facilities

RUAS has created excellent resource for research, education and training. The University plans to invest in the years to come to create more laboratories in its endeavour to achieve international repute and undertake high end research.

### Learning Resources & ICT-Facilities

All Class Rooms are equipped with Audio visual facilities, Networked and Wi-Fi enabled

Sl. No.	ICT Facilities	Quantity
1	Work Stations	29
2	Laptops	95
3	Laboratory Computers	1268
4	Faculty & Admin Computers	710 : All Faculty , Technical and Admin staff are provided computers/Laptops
5	Library Computers	60
6	Printers/Plotters	116
7	Audio Visual Systems	129
8	Wi-Fi/Internet	730 Mbps
9	Telephones Lines	26 Land Lines + 2 PRI Lines
10	Intercom	Available
11	Website	100 GB (www.msruas.ac.in)
12	UMS-iportal	100 GB (www.iportal.msruas.ac.in)
13	Webmail	400 GB – Allotted to all Staff and Students
14	CCTV	111
15	Polycom Videoconference Facility	2 sets

List of Software available in RUAS is attached as Annexure 12

## International Collaborations and Partnership Management

#### The objectives of the Directorate are:

- Develop Collaborations with International Universities
- Facilitate Semester Aboard, 3+1+1, Study Abroad, Study in India programmes for students
- Facilitate contact between University Researchers with Researchers of foreign Universities
- Facilitate Faculty Exchange and Short time visit of faculties to other Foreign Universities

#### Academic and Research Collaboration

At Ramaiah University of Applied Sciences we strongly value the exchange of information in all areas of academics, research and technological developments on an ongoing basis. The exchange programmes cover students, faculty members and research scholars alike. The University is constantly endeavoring to identify institutions both in India and abroad to cement partnerships and collaborations for meaningful relationships that will generate mutual benefit. The benefits accruing to either/both partner(s) include academic opportunities at each other's campuses, faculty exchange between institutions and research partnerships including joint research projects and exchange of Faculty and research scholars on specific research initiatives.

RUAS has entered into relationships with the following reputed institutions/organizations:

#### International Collaborations

- Coventry University, UK: Student Exchange, Joint Programmes-PG/PhD
- University of Bedfordshire, UK: Student Exchange -MBA
- Institute Polytechnique des Sciences Avancées (IPSA), France: Student Exchange
- University of Illinois, Chicago: Joint Product Development-Biomedical
- Oklahoma State University, Still Waters, Oklahoma, US: Joint Research-Water Resources and Pollution
- Air force Institute of Technology, Nigeria- Training of Airforce Officers
- Ghana Technology University College, Ghana; Joint Programmes PhD and PG, planning to start twinning programme
- University of Illinois at Urbana Champaign, at Chicago (UIUC, UIC) Semester Abroad, 3+1+1
- Michigan Technological University (MTU) Semester Abroad, 3+1+1
- St. Petersburg State University of Architecture and Civil Engineering, Russia Student Exchange
- Kazan National Research Technical University named after A. N. Tupolev KAI (KNRTU-KAI), Russia – Joint Research and Product Development in Composites; Student Exchange
- Peter the Great St. Petersburg Polytechnic University, Russia Student Exchange
- St. Petersburg State University of Industrial Technologies and Design, Russia-Student Exchange
- Moscow State University of Civil Engineering (National Research University), Russia Student Exchange

#### **National Level Collaborations**

- Centre for Study of Science, Technology and Policy (CSTEP), Bengaluru air pollution, Transportation, Sanitation Health and others areas of Science and Policy.
- RUAS entered into a Non-Disclosure Agreement (NDA) with Foundation for Neglected Disease Research.
- ABB
- Mann + Hummel Pvt. Ltd.
- Bharath Electronics
- Bangalore Integrated Systems Solutions
- Palladion Networks Private Limited
- National Design Research Forum (NDRF)-Bangalore
- Consortium of Electronic Industries Karnataka (CLIK)-Bangalore
- Institute for Drug Delivery and Biomedical Research (IDBR)-Bangalore
- · Karnataka State Higher Education Council
- Genotypic Technologies Private Limited
- · Enliven Technologies Pvt. Ltd
- Micro labs

# International Student Mobility for the year 2019-20

Sl.No.	Country	University (From)	University (To)	Faculty	Purpose	No of Students	Duration
1	India	Ghana Technology University College	Ramaiah University of Applied Sciences	FMC	Making presentation of Synopsis	1	10 days in Jan/Feb 2020
2	India	St. Petersburg State University of Architecture and Civil Engineering	Ramaiah University of Applied Sciences	CED, FET	Study Abroad program	7	2 weeks in Jan/Feb 2020
3	Russia	Ramaiah University of Applied Sciences	St. Petersburg State University of Industrial Technologies and Design		Study Abroad program	4	3 weeks in Nov 2019
4	Russia	Ramaiah University of Applied Sciences	Moscow State University of Civil Engineering, Russia		Study Abroad program	2	3 weeks in Nov/Dec 2019
5	Russia	Ramaiah University of Applied Sciences	Moscow State University of Civil Engineering, Russia	CED, FET	Study Abroad program	23	3 weeks in Nov/Dec 2019
6	Russia	Ramaiah University of Applied Sciences	St. Petersburg State University of Architecture and Civil Engineering	CED, FET	Study Abroad program	7	2 weeks in July/August 2019

#### International Student Mobility for the year 2019-20

7	Russia	Ramaiah University of Applied Sciences	Kazan National Research Technical University named after A. N. Tupolev – KAI	MME, FET	Study Abroad program	7	4 weeks in July 2019
8	Russia	Ramaiah University of Applied Sciences	St. Petersburg State University of Industrial Technologies and Design	FAD	Study Abroad program	15	2 weeks in July 2019

# 1. Doctoral Student Exchange from Ghana Technology University College to Ramaiah University of Applied Sciences

Doctoral Student Exchange visit from Ghana Technology University College (GTUC) to Ramaiah University of Applied Sciences (RUAS) has been scheduled during January 27th to February 7th, 2020. Mr. Ugonna Anthony Udunwa, PhD Student at GTU, has travelled to Bangalore to make a presentation on Synopsis at Research Division, and to attend meetings with Associate Dean of Faculty of Management and Commerce, RUAS, related to Ph.D. Thesis and preparation for Viva Voce. Mr. Ugonna Anthony Udunwa's Doctoral Degree is entitled "Analysis and Development of an Adoption Framework and Implementation Roadmap for Migration of SMEs to Cloud Computing in Ghana". He has successfully completed the examination, and later on this year in July 2020 he graduated with the first Cohort of foreign Candidates obtaining their PhDs from RUAS.





# 2. Study Abroad Program for Russian students in Bangalore at Ramaiah University of Applied Sciences from St. Petersburg State University of Architecture and Civil Engineering, Russia

Group of seven (7) students (of 3rd year Bachelor and 2nd year Master degree programs) from St. Petersburg State University of Architecture and Civil Engineering, Russia, came to Ramaiah University of Applied Sciences (RUAS) to undertake Study Abroad program "Aspects of Modern Civil Engineering" from January 31 to February 11, 2020. Russian students visited Civil Engineering Department workshops and laboratories, attended ongoing class work and experiments.





















3. Study Abroad Program for M.Des. Students of Product Design, Faculty of Art & Design, from Ramaiah University of Applied Sciences at St. Petersburg State University of Industrial Technologies and Design, Russia

Four (4) PG Students of Faculty of Art & Design from Ramaiah University of Applied Sciences (RUAS) have gone to Russia to undergo Study Abroad program at St. Petersburg State University of Industrial Technologies and Design (SPbSUITD), Russia, from 18th of November to 1st of December, 2019.

During their program entitled «Design: Interior, Furniture and Equipment Design», students had indepth classes in Composition, different approaches of creating design projects, computer graphics, business culture and etiquette to name a few.

St. Petersburg is an art and cultural capital of Russia. Being in such location has allowed RUAS students to immerse in the rich artistic tradition and benefit from the creative environment all around. Lectures conducted by SPbSUITD Professors for RUAS students at the Museums were especially educative and enjoyable. More specific applied knowledge of interior design, RUAS students received and practiced by attending designated classes and workshops at the University, as well as by visiting industrial enterprises which specialize in product design.

















4. Study Abroad Program for M.Tech. Students of Mechanical and Manufacturing Engineering from Ramaiah University of Applied Sciences at Moscow State University of Civil Engineering, Russia

Two (2) PG Students of Mechanical and Manufacturing Engineering, from Ramaiah University of Applied Sciences (RUAS) went to Russia to undergo Study Abroad program at Moscow State University of Civil Engineering (MGSU) from 18th of November 2020 to 07th of December 2020.

The program "Build Your Future" had lectures, laboratories' visits, technical and non-technical tours. Many of the lectures, laboratories and tours have been scheduled in the interdisciplinary field with the focus on mechanical aspects in civil engineering, hence the two students joined classes with their classmates from Civil Engineering Departments, RUAS, in this trip to MGSU. However, they have separately attended presentations and laboratories in Automation in Construction and Construction Equipment and Machinery. RUAS students worked on their projects with the help of Russian Professors and participated in the experiments with MGSU PhD students.





5. Study Abroad Program for M.Tech. Students of Civil Engineering, Faculty of Engineering & Technology, from Ramaiah University of Applied Sciences at Moscow State University of Civil Engineering, Russia

Group of twenty three (23) M.Tech, CED, FET, students from Ramaiah University of Applied Sciences (RUAS) have travelled to Russia to undergo Study Abroad program at Moscow State University of Civil Engineering (MGSU) from 18th of November 2020 to 07th of December 2020.

The program "Build Your Future" had lectures, laboratories' visits, technical and non-technical tours. Lectures consisted of: enhancing knowledge about FRP rebars, transportation planning and modern construction material; Information about structure monitoring and nanomaterials;

Reviewing geotechnical engineering projects; Learning about unique buildings and Russian culture. Laboratories included: Structure Monitoring of the frame using total station and GPS system; Effect of aerodynamics in the design of high-rise buildings; High strength, low weight concrete using nanotechnology; Scientific and research works importance in civil engineering field.

During the Technical Tours RUAS students learned about: Construction materials used in cold climatic conditions; Methods adopted to complete the project in short duration; Information about the construction project and site conditions. Students were able to visit construction site of a high-rise building in Moscow which helped them to understand the differences in the construction practices in Russia and India.





















6. Study Abroad Program for B.Tech. Students of Civil Engineering, Faculty of Engineering & Technology, from Ramaiah University of Applied Sciences at St. Petersburg State University of Architecture and Civil Engineering, Russia

Group of seven (7) RUAS B.Tech Students of Department of Civil Engineering, Faculty of Engineering & Technology, from Ramaiah University of Applied Sciences (RUAS) went to Russia for their two-week Study Abroad Program "Aspects of Modern Civil Engineering" at St. Petersburg State University of Architecture and Civil Engineering (SPSUACE), Russia, from July 25 to August 09, 2019.

Students have explored the SPSUACE Facilities and Labs, listened to the tailor-made presentations on building materials and technologies for road construction (at the Department of Motor Roads, Bridges and Tunnels); technology and organization of construction production in Russia; and more. There have been meetings with SPSCUACE Faculties organized to give the students the opportunity to find out more about their specific academic interests. RUAS Students have also participated in many cultural activities and sightseeing. Important part of the Exchange Programs is the industry visits. A few were made during the program, such as Reinforced Concrete Factory «Lider-Prom», Yanino, where students observed the technology of manufacturing of precast reinforced concrete. St. Petersburg Dam, where students observed and learned about Flood Prevention Facility Complex. Students learned about current practices of construction at a multistoried building construction site. Students have successfully completed their program and received the Certificates from SPSUACE.









7. Study Abroad Program for M.Tech. Students of Mechanical and Manufacturing Engineering from Ramaiah University of Applied Sciences at Kazan National Research Technical University named after A. N. Tupolev – KAI, Russia

Mechanical and Manufacturing Engineering UG Students, (7) seven students, from Ramaiah University of Applied Sciences went for a Study Abroad program to Kazan National Research Technical University named after A. N. Tupolev-KAI, Russia, from 10th of June until 04th of July, 2019. During their program entitled «Design and Engineering Support for Machinery Production», students had intensive classes in new materials and technologies, automated design systems, processes and operations of formation, designing of non-standard equipment, and technology of machinery. As industrial visits they had excursions to "KAI-Laser" and "KAI-Composite". KAI-Lazer is a center that deals with the advance research in laser use and applications for the industry. KAI-Composite is an engineering center focusing on R&D in advanced composite technologies and prototypes manufacturing for aviation, automotive and other industries. Sightseeing and cultural events have also been scheduled. Students learned about Tatar culture in the Republic of Tatarstan (region of Russia, where Kazan is a main city), they have also traveled to St. Petersburg and Moscow for sightseeing where they spent a few days to explore the cities and complement their visit to Russia.















8. Study Abroad Program for B.Des. Students of Product Design, Faculty of Art&Design, from Ramaiah University of Applied Sciences at St. Petersburg State University of Industrial Technologies and Design, Russia

Group of fifteen (15) B.Des. students of Product Design, Faculty of Art&Design, from Ramaiah University of Applied Sciences (RUAS) travelled to Russia to undergo Study Abroad Program at St. Petersburg State University of Industrial Technologies and Design (SPbUITD) from 01st of July 2019 to 12 of July, 2019. The program at St. Petersburg engaged students into understanding the design and design aspects, take inspiraiton from various monuments and historical objects in Russia to conceptualize new product ideas by the students. Tour of the University and Facilities, classes on design composition and design projecting, modern interior design, computer aided design in a creative process. Presentations on ways to better understand and analyze the market based choices of consumer place, time duration, habits convenience and many more. Students also visited Moscow at the end of their program.









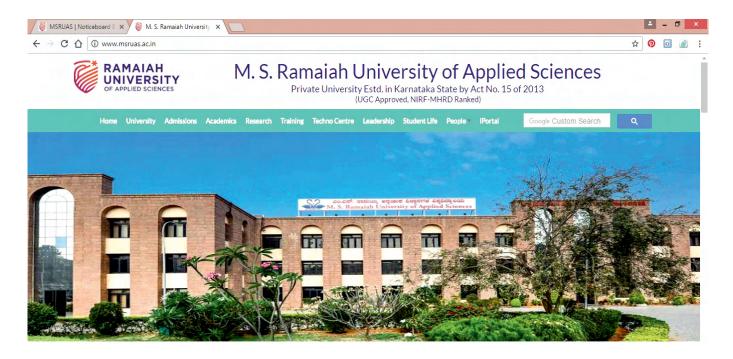


#### 13. Press and Publicity

As a responsible institution of higher learning we are constantly endeavoring to keep all the stakeholders continuously up-to-date with the happenings at the University. These communications take the form of a constantly updated University Website, Advertisements in the local and national media, in popular Newspapers and Magazines, University's Publications including Newsletters and Technical Journals. Events of significance are also communicated to the Press and Media. The University also participates actively in national and international forums.

#### **University Website**

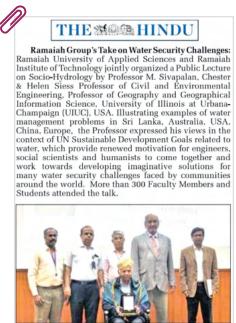
www.msruas.ac.in is the URL of M. S. Ramaiah University of Applied Sciences



#### **RUAS** in the Press and Media

Following are some of the newspaper and magazine clippings that have appeared about the University during this year:

Ramaiah University of Applied Sciences and Ramaiah Institute of Technology jointly organized a
 'PUBLIC LECTURE' on Socio-Hydrology by Professor M. Sivapalan, Chester & Helen Siess
 Professor of Civil and Environmental Engineering, Professor of Geography and Geographical
 Information Science, University of Illinois at Urbana-Champaign (UIUC), USA. Currently, the
 Professor is in India for 6 weeks visiting IISc under Satish Dhawan Endowed Visiting Chair.



 Inauguration of postgraduate Programmes of Batch-2019 held on 25th September 2019 at Dwaraka Auditorium, Gnanagangothri Campus. Dr. Sivaguru S. Sritharan, Vice Chancellor, Ramaiah University of Applied Sciences welcomed the delegates and the gathering. Prof.Kalyan Bidhan Sinha, Professor-Javaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Bengaluru inaugurated the classes and delivered the inaugural address.



• The **4th Annual PG Group Project exhibition** was held on 28th February 2020 at RUAS, Peenya Campus. Over 100 projects were on display for students, industry representatives and general public from 500+ students



 RUAS signs Memorandum of Agreement (MoA) with Viterbi School of Engineering, University of Southern California (USC), USA. The purpose of this agreement is to recognize the mutual interest in the field of Education, Research, Training and Development and Dissemination of Knowledge and also the Importance of Institutions of Higher Education's role in promoting International Collaboration and increased contribution to Social Development.



• "National Science Day" was celebrated on 28th February 2020 by RUAS. During the inauguration of the event Dr. Sivaguru Sritharan, Vice Chancellor, RUAS welcomed the gathering and highlighted the contributions of Sir C.V. Raman. The Chief Guest of the event Dr. B. Venkatraman, Director – SQ&RMG, IGCAR enlightened the student community on contributions of Sir C.V. Raman along with contributions of IGCAR to Nation and societal transformation. Later he gave a talk on Imaging and its Applications in Radiation safety and Health care. Dr. Vasudev Siruguri, Centre Director, UGC-DAE CSR, BARC Campus, Mumbai gave a talk on Neutron Scattering and its applications.



ಪ್ರವರ್ತಕ ಕೃತಿಗಳ ಮೂಲಕ ಅನ್ವಯಿಕ ಮೆಕ್ಯಾನಿಕ್ಸ್ ಕ್ಷೇತ್ರಕ್ಕೆ ನೀಡಿದ ವಿವಿಕುಲಪತಿ ಪ್ರೂ.ಎಸ್.ಎಸ್. ಶ್ರೀಧರನ್ ಮತ್ತಿತರರು ಉಪಸ್ಥಿತರಿದ್ದರು.



#### **Annexures**

Annexure 1 - Board of Studies List

Annexure 2 - Proctoral System

Annexure 3 - Staff-Student Committee-Minutes of Meeting

Annexure 4 - Student Feedback form

Annexure 5 - Feedback Analysis Report

Annexure 6 - Summary of Feedback

Annexure 7 - Student Performance

Annexure 8 - PhD Scholar Details

Annexure 9 - Details of Patents

Annexure 10 - Staff List

Annexure 11 - Summary of Placements

Annexure 12 - Software List

# Annexure 1 Board of Studies list

B.Tecl		B.Tech.:	: Automotive E Aerospace Er : Automotive E	-	eerina
Dep	artment			nautical Engineering	oormy
Sl. No.	Name		Affiliation	Designation	Contact Details (E-Mail & Mobile No.)
1	Dr Raja R		RUAS	Chairperson	hod.aae.et@msruasa.ac.in / raja.aae.et@msruas.ac.in 9972398600
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3	Prof. Ashok	k C Meti	RUAS	Professor and Controller of Examinations	meti.aae.et@msruas.ac.in 9448057297
4	Dr Srikari S	5	RUAS	Professor and / Associate Dean (Research)	srikari.aae.et@msruas.ac.in 98451 67020
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5	Prof. Julian Andrzej So Domaradzki Ca		University of Southern California, USA	Professor, Department of Aerospace and Mechanical Engineering,	jad@usc.edu
6	Prof. Dan A	A. Erwin	University of Southern California, USA	Professor of Astronautics and Aerospace and Mechanical Engineering	erwin@usc.edu
7	Dr. Balakur Ponnampal		NASA	Langley Research Center, Hampton, VA, USA	ponnampalam.balakumar- 1@nasa.gov
8	Prof. B. N. Raghunand	dan	Indian Institute of Science, Bengaluru	Professor (Retd.),	raghubn.basavanahalli@gma il.com / 9449004658
9	Prof. Moha Deshpande		MSRUAS, Bengaluru	Professor (Retd.),	mddeshpande2005@gmail.c om / 8861244694
10	Dr. Thanga	Ilango	KIPT, Bengaluru	Automotive Practice Head	Thanga.Elango@kpit.com 9886520402
11	Dr. B. M. Nandakum	ar	Dayanand Sagar College of Engineering, Bengaluru	Associate Professor, Department of Automobile Engineering,	nandakumarmb@gmail.com 9900826039
12	Dr. Satish \ Kumar	/ijaya		Symbiosis International Deemed University, Pune	Sathish.kumar@sitpune.edu.i n 9538033900

Prog	gramme	B.Tech.: Ci	vil Engineering			
		B.Tech.: Civil Engineering M.Tech.: Structural Engineering, Construction Engineering and Management, Environmental Engineering and Management, Transportation Engineering				
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Sl. No.	Name	Affiliatio n	Designation	Contact Details (E-Mail & Mobile No.)		
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4	Dr. Nayana N patil	RUAS	Associate Professor	Nayanapatil.ce.et@msruas.a c.in 8762500658		
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5	Prof. Eddy Rojas	University of Dayton	Prof.Eddy Rojas, Dean, School of Engineering	Erojas1@udayton.edu		
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7	Dr. Tissa H. Illangasekare	Colorado School of Mines, USA	Amax Distinguished Chair of Civil and Environmental Engineering, Director, Center for Experimental Processes, Specialty Chief Editor of Water and Human Health of frontiers in Water	tillanga@mines.edu		
8	Prof. Raj Siddharthan	University of Nevada	Department of Civil and environmental Engineering,	Tel: 303 384 2126; cell 303 475 1129 siddharth@unr.edu		
9	Prof. Cumara Swamy Vipulanandan	University of Houston	Cullen college of engineering, Department of Civil & Environmental Engineering, N107 Engineering Bldg 1, 4726 Calhoun Road, Houston, TX	77204-4003 cvipulanandan@uh.edu		

Prog	gramme	B.Tech: A B.Tech: Ir B.Tech: M M.Tech: [	rtificial Intel nformation So Mathematics Data Science	ence & Engineering ligence & Machine Learning cience & Engineering & Computing and Engineering ligence & Machine Learning	
Depa	artment	Compute	r Science ar	nd Engineering	
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3	Dr. B.S.Day	ananda	RUAS	Associate Professor	bsdayananda.aae.et@msruas.ac .in , 9844961213
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10	Dr. K. Rajagopal	Texas A&M University, College Station, Texas, USA	Distinguished Professor Forsyth Chair of Mechanical Engineering	krajagopal@tamu.edu 979-862-4552/ 979-820-0782/
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3	Dr. Shama Ravichandran	RUAS	Assistant Professor	shama.ee.et@msruas.ac.in 9731087579		
4	Dr. S. Nagaraj Rao	RUAS	Assistant Professor	nagarajrao.ee.et@msruas.ac.in 9742669617		
5	Dr. S. Malathi	RUAS	Associate Professor and Head of ECE department	malathi.ec.et@msruas.ac.in 9742065758		
6	Dr. R. Christy Bobby	RUAS	Associate Professor	christy.ec.et@msruas.ac.in 9986853888		
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8	Dr. Preetha Thulasiraman	Naval Postgraduate School , USA	Associate Professor, Department of Electrical and Computer Engineering	pthulas1@nps.edu		

# Faculty of Mathematical and Physical Sciences

Prog	gramme	M.Sc. Industria	M.Sc. Industrial Chemistry/ Medicinal Chemistry/ Analytical Chemistry			
Dep	artment	Chemistry				
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2	Dr. Jyotsna Kumar	RUAS	Assistant Professor	jyotsnakumar.cy.mp@msruas.ac. in 9677223174		
3	Dr.Sheetal R. Batakurki	RUAS	Assistant Professor	sheetalbatakurki.cy.mp@msruas. ac.in , 9900554532		
4	Dr.Sunil Kumar.Y.C	RUAS	Assistant Professor	sunilkumaryc.cy.mp@msruas.ac.i n 9731939791		
5	Dr.Jineesh	RUAS	Assistant Professor	jineesh.cy.mp@msruas.ac.in 9547891323		
6	Dr.Manikanda Prabhu.M	RUAS	Assistant Professor	manikanda.cy.mp@msruas.ac.in 9652686025		
7	Dr.Vishnuvardhan. T.K	RUAS	Assistant Professor	vishnuvardhan.cy.mp@msruas.ac .in 9886197523		
8	Dr.Anantharamaia h.P.N	RUAS	Assistant Professor	anantharamaiah.cy.mp@msruas. ac.in 8390913179		
		Е	xternal Members			
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10.	Dr.Arun Kumar.D.B	Tumkur University	HOD- Chemistry, Department of Chemistry	nirmaldb@rediffmail.com 7899361918		
11.	Dr.Kavitha	Govt. College for Women, Mandya	HOD, Department of Chemistry	kavitha.cv@gmail.com 9880597451		
12.	Dr.R.G.Revaiah	DRDO	Scientist E, Defence Bioengineering and electomdical laboratory	revaiah@gmail.com 9741477967		

Pro	Programme B.Sc. (Hons)-PCMS and M.Sc Applied Mathematics.					
Dep	Department Mathematics.					
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3	Dr.Hemanth Kumar.B	RUAS	Assistant Professor	hemanth.mt.mp@msruas.ac.in 9620421430		
4	Dr.Shekar.M	RUAS	Assistant Professor	shekarm.mt.mp@msruas.ac.in 9916223260		
5	Dr.Somashekara. G	RUAS	Assistant Professor	somashekara.mt.mp@msruas.ac. in 9740807895		
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9	Dr.Sujatha.N	BMS College of Engineering, Bangalore.	Asst. Professor, Department of Mathematics	sujathan.maths@bmsce.ac.in M- 9620310555		

1 3			CMS and M.Sc. Appplied lectronics/Nuclear Physic				
Dep	artment	Physics					
-	Γ.,		la				
Sl. No	Name	Affiliation	Designation	Contact Details (E-Mail & Mobile No.)			
1	Dr.Vikas.M.Shelar	RUAS	Assistant Professor and HOD	hod.pi.mp@msruas.ac.in vikas.pi.mp@msruas.ac.in 9986450983			
		In	ternal Members				
2	Prof.M.Suguna	RUAS	Professor	suguna.pi.mp@msruas.ac.in 7619948565			
3	Dr.Premakumar.H .B	RUAS	Assistant Professor	premakumar.pi.mp@msruas.ac.i n 9880433880			
4	Dr.Manjunath.S.O	RUAS	Assistant Professor	manjunatha.pi.mp@.sruas.ac.in 9742731667			
5	5 Dr.Ravikumar.B.S RUAS		Assistant Professor	ravikumar.pi.mp@msruas.ac.in 8951506912			
	External Members						
6	Dr.J. Thippe Rudrappa	B.N.M Institute of Technology Bangalore	Professor and Head	Jtrphy2007@gmail.com 91-80-26711781, 9845887317			

Programme		B. Des. and M. Des.				
Cou	rses	B. Des. in Product Design, Visual Communication and Fashion Design M. Des. in Product Design / Fashion Design				
Dep	artment	Industrial Design	/ Fashion Design			
Sl. No	Name	Affiliation	Designation	Contact Details (E-Mail & Mobile No.)		
1	Mr. H. S. Lohit	RUAS	Chairperson	lohiths.id.ad@msruas.ac.in/ hod.id.ad@msruas.ac.in 9482229184		
2	Prof. Gopinath C.	RUAS	Member	gopinathc.id.ad@msruas.ac.in 9449656700		
3	Dr. Mamatha G Hegde	RUAS	Member	Hod.fd.ad@msruas.ac.in 8618708316		
4	Ms. Nagaveni K.	RUAS	Member	nagavenik.fd.ad@msruas.ac.in 9342512435		
5	Mr. Chiranjith Barui	RUAS	Member	chiranjithbarui.id.ad@msruas.ac.i n 8088776573		
6	Mr. C. Dileepa	RUAS	Member	cdileepa.id.ad@msruas.ac.in 9986916346		
7	Mr. Vidyanand Desai	MSRUAS	Member	vidyanand.id.ad@msruas.ac.in 9964943073		
8	Prof. Sathish Srinivasa Rao	Oxford School of Architecture, Bangalore	Professor and Director External Member	Sathish1953@gmail.com 9945561554		
9	Mr. S Devaraj	Director, LISSA School of design	Associate Director External member	Mobile:9008031065 Mail:devaraj1962@gmail.com		

Programme		BHM-Bachelor of Hotel Management					
Dep	artment	Hotel Managem	Hotel Management				
Sl. No	Name	Affiliation	Designation	Contact Details (E-Mail & Mobile No.)			
1	Prof. Abby Mathew	RUAS	Chairperson	dean.hc@msruas.ac.in 9844005139			
		ln	ternal Members	,			
2	Ms. Rashmi Koppar	RUAS	Secretary	rashmikoppar.fo.hc@msruas.ac.i n 9945204396			
3	Ms. Priya Arjun	RUAS	Internal Member	priyaarjun.fb.hc@msruas.ac.in 9902557031			
4	Ms. Nagarekha Palli	RUAS	Internal Member	nagarekhacp.fp.hc@msruas.ac.in 9945509797			
5	Ms. Sandhya Anil Kumar	RUAS	Internal Member	Sandhyaanilkumar.hk.hc@msrua s.ac.in 9448493215			
6	6 Ms. Shirin Kariappa RUAS		Internal Member	Shirinkariappa.fo.hc@msruas.ac.i n 9482091987			
	External Members						
7	Mr. T. H. Sridhar	IHM Bangalore	External Member	sridharthakkiam@gmail.com, 9343725046			
8	Mr. Shaheer Farooq	PES University	External Member	shaheer.farooq@gmail.com. 9886574404			

	eartment F	B.Sc. (Hons) Biotechnology B.Sc. (Hons) Food Processing and Technology M.Sc. Biotechnology M.Sc. Molecular and Cellular Biology M.Sc. Food Science and Technology Food Technology Biotechnology		
Sl. No	Name	Affiliation	Designation	Contact Details (E-Mail & Mobile No.)
1	Dr Lokesh A C	RUAS	HOD-Food Technology	hod.ft.ls@msruas.ac.in M: 9448596295
2	Dr Soma Chaki	RUAS	HOD-Biotechnology	hod.bt.ls@msruas.ac.in M: 9620053101
		I	nternal Members	
3	Dr Rohini Keshava	RUAS	Asst. Prof. Biotechnology	rohini.bt.ls@msruas.ac.in M:9480493733
4	Dr Nanje Gowda	RUAS	Asst Prof. Food Technology	nanjegowda.ft.ls@msruas.ac.in M: 9964477567
			External Members	
5	Dr K Manjunath	Bangalore University	Professor and Chairperson (Former)	ushamanjunath58@rediffmail.co m M:9611434966
6	Dr Shanti Iyer	Bangalore Central University	Principal, NSAM FGC Bengaluru	shanthi_iyer@nitte.edu.in M:9844067903
7	Dr S R Desai	UAS, Dharwad	Prof and HOD Food Technology	desaisr@uasd.in M: 7975246321
8	Dr A A Fazal	UAS, Bangalore	Prof and HOD Food Technology	fazals4@hotmail.com M: 9448549730
9	Dr Subhasis B.	Merck Life Science Pvt Ltd	Associate Director, Technology Management-MSAT, India, Singapore, SEA & Oceania	subhasis.banerjee@merckgroup. com M:9632660011

## **Board of Studies- UG and PG Programme**

Programme		BDS , MDS				
Depa	artment	Dental Sciences				
Sl. No.	Name	Affiliation	Designation	Contact Details (E-Mail & Mobile No.)		
1	Dr. B V Sreenivasa Murthy	RUAS	Chairperson	dean.ds@msruas.ac.in 99800 76315		
2	Dr. Kavitha Prasad	RUAS	Member	kavithaprasad.os.ds@msruas.ac. in 9844181097		
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5	Dr Pushpanjali K	RUAS	Member	pushpanjali.pl.ds@msruas.ac.in 8050656592		
6	Dr. Silju Mathew	RUAS	Member	siljumathew.od.ds@msruas.ac.i n 9845379751		
7	Dr. Roopa S Rao	RUAS	Member	roopa.op.ds@msruas.ac.in 8880583689		
8	Dr. Sujatha S	RUAS	Member	sujatha.or.ds@msruas.ac.in 9448974887		
9	Dr. Ravi Shankar	RUAS	Member	ravishankar.pr.ds@msruas.ac.in 9886056303		
10	Dr. Swaroop Hegde	RUAS	Member	swaroophegde.cd.ds@msruas.a c.in 9845035356		
11	Dr Dhananjaya G	RUAS	Member	dhananjayag.pe.ds@msruas.ac.in 9845099943		
12	Dr Ranganath K	RUAS	Member	ranganath.os.ds@msruas.ac.in 9686973443		
13	Dr Dinesh M R	D.A Pandu Memorial R.V. Dental College,	External member Dean of Faculty of Dentistry	drdinesh64@yahoo.co.in 9880056639		
14	Dr. Srivatsava	KLE Institute of Dental Sciences, Bangalore	External member Principal	drsrivatsa.g@gmail.com 9845449452		
15	Dr Prathab	Ramaiah Medical College, Bangalore	Registrar External member	dragnrathah@gmail.com 9845195014		

## Held on 19th Jun 2020 from 10:00am to 12:00pm

Prog	Programme M.P.H. (Master of Public Health)					
Depa	artment	Allied Health Sci	ences			
Sl. No	Name	Affiliation	Designation	Contact Details (E-Mail & Mobile No.)		
1	Dr.Sundaresh D.C	RUAS	In-charge Dean & Pro-Vice Chancellor Health Science	pvc.hs@msruas.ac.in 8296997485 9845057485		
		Inter	nal Members			
2	Dr. Krishnamurthy J.	RUAS	Associate Dean, FLAHS	assodean.research.ls@msruas.ac .in 9341236508		
3	Dr. Pushpanjali K.	RUAS	Professor and Head, Dept of PHD,FDS	hod.pl.ds@msruas.ac.in / pushpa njali.pl.ds@msruas.ac.in 9448229826		
4	Dr. Medha A. Joshi	RUAS	Professor and Head, Dept of AHS -FLAHS	hod.ah.ls@msruas.ac.in 9611936104		
		Exte	rnal Members			
5	Dr. Nayanjeet Chaudary,	Medtronic Foundation	Senior Global Technical Advisor	nayanjeet@ricphi.org 9958682777		
6	Dr. Beena Varghese	Public Health Foundation of India, Consultant: W.H.O. Geneva	Health Economist and Professor	beena.varghese@phfi.org 9449811781		
7	Dr. Shalini Nooyi,	Ramaiah Medical College	Professor in Community Medicine	csnooyi@msrmc.ac.in 9481786255		
8	Dr. Reynold	1 Centre for Global Public Health, University of Manitoba, Canada 2. Dept. of Community Health Sciences, University of Manitoba, Canada	Senior Technical Advisor Professor Adjunct	reynold@khpt.org 9341948345		

#### Held on 25th Jul 2020 from 10:00am to 12:30pm

Programme		B.Sc (Hons) DTT	B.Sc (Hons) MRIT: Medical Radiology & Imaging Technology B.Sc (Hons) DTT: Dialysis Therapy Technology			
			: Operation Theater Te	echnology		
Depa	artment	Allied Health Sci	ences			
Sl.	Name	Affiliation	Designation	Contact Details		
No.				(E-Mail & Mobile No.)		
	Dr. Medha A.		Chairperson	hod.ah.ls@msruas.ac.in		
1	Joshi	RUAS	Professor and Head, Dept of AHS -FLAHS	9611936104		
		Interr	nal Members			
	Dr. Krishnamurthy		Associate Dean, FLAHS	assodean.research.ls@msruas.ac		
2	J. Krisiliamuruiy	RUAS		in		
	0			9341236508		
	Dr. Soma Chaki	RUAS	Asst. Professor and Head	soma.bt.ls@msruas.ac.in/		
3				hod.bt.ls@msruas.ac.in		
	Die Jeseleine stale:			9620053101		
4	Dr. Indumathi V.A.	RUAS	Professor	indumathi.ah.ls@msruas.ac.in 9980135028		
		Exter	nat Members			
		Dept. of Radiology,		umeshkaviakansh@yahoo.co.in		
5	Dr. Umesh	MSRMC	HOD	9845222940		
	D K I I	Dept. of General	A D . f	dr.vani_rajan@yahoo.com		
6	Dr. Kalaivani	Surgery, MSRMC	Associate Prof.	9945090285		
7	Dr. Geetha	Anaesthesiology,	Professor	jageedha@yahoo.com		
<u> </u>	Jagadeesh	MSRMC	1 10103301	9900482828		
8	Dr. Gireesh	Department of	Professor	gireesh_ms@yahoo.com		
		Nephrology , MSRMC		9916488899		

#### Held on 18th Feb 2020 from 02:00pm to 04:00pm

Programme		B.Sc (Hons) OPT: Optometry					
	B.Sc (Hons) CCT			: Cardiac Care Techno	logy		
Depa	artment		Allied Health Sci	ences			
Sl. No.	Name	A <sup>-</sup>	ffiliation	Designation	Contact Details (E-Mail & Mobile No.)		
1	Dr.Sundaresh D.C	RUAS		Chairperson In-charge Dean & Pro-Vice Chancellor Health Science - RUAS	pvc.hs@msruas.ac.in 8296997485 9845057485		
Inter	nal Members				<u>,                                      </u>		
2	Dr. Sudha Suresh	I۱۸	15	Associate Dean	sudhasuresh@hotmail.com 9880306781		
3	Dr. Soma Chaki	RI	JAS	Asst. Professor and Head	soma.bt.ls@msruas.ac.in/ hod.bt.ls@msruas.ac.in 9620053101		
4	Dr. Medha A. Joshi	RUAS		Professor and Head, Dept of AHS -FLAHS	hod.ah.ls@msruas.ac.in 9611936104		
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5	Dr. V.S.Prakash	RI	MC	Professor – Dept of Cardiology	drprakashvs@gmail.com 9844033964		
6	Dr.Divya Sundaresh	RI	мс	Asst. Professor – Dept of Ophthalmology	drdivs05@gmail.com 9972374850		

Programmes		M.B.A in Marketing Management, Human Resources Management, Financial Management, Operations Management, Small Business & Entrepreneurship, Business Analytics, Banking & Financial services Hospitality Management, Pharma Business Management M.Com in Banking & Finance, Accounting & Taxation Bachelor of Business Administration-BBA Bachelor of Commerce(Hons)-B.Com(Hons)			
	Department	Management an	d Commerce		
Sl No	Name	Affiliation	Designation	Contact Details (E-mail & Mobile No.)	
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9	Prof Vijaya. V	IIM – Tiruchirapalli	Associate Professor – Human Resources and OB	vijaya@iimtrichy.ac.in	
10	Mr Neelash Krishnakanth(MB A)	YES Bank - Karnataka	Senior Vice President and Team Leader Corporate Banking	neelash.krishnakanth@gmail.co m	

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## **Board of Studies**

Prog	ramme	B.Pharm., Pha	rm. D., M. Pharm.				
Cour	rse		B.Pharm., Pharm. D., M. Pharm in Pharmacognosy, Pharmaceutical Chemistry, Pharmaceutics, Pharmacology, Pharmacy Practice,				
Depa	artment	Faculty of Pha	rmacy				
Sl. No.	Name	Affiliation	Designation	Contact Details (E-Mail & Mobile No.)			
1	Dr. V. Madhavan	RUAS	Chairperson	dean.ph@msruas.ac.in 9448087328			
2	Prof. C. H. S. Venkataramana	RUAS	Member	venkataramana.py.ph@msruas. ac.in , 9845933423			
3	Dr. S. Bharath	RUAS	Member	bharath.ps.ph@msruas.ac.in 9449344580			
4	Prof. Anita Murali	RUAS	Member	anitamurali.pg.ph@msruas.ac.in 9845105865			
5	Dr. E. Maheswari	RUAS	Member	maheswari.pp.ph@msruas.ac.in. 9620451165			
6	Prof. M. Narayana Babu	RUAS	Member	narayanababu.py.ph@msruas.ac .in , 9886909265			
		Е	xternal Member				
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9	Dr.Chandra Shekhara J	Govt. College of Pharmacy Bengaluru	Asst. Professor, Dept. Of Pharmaceutical Chemistry	9449809743, 08025719743 javaligcp@yahoo.co.in			
10	Dr. Padma M. Parakh	Oxford College of Pharmacy Begur Road, Hongasandra,	Principal & HOD – Pharmacognosy	9880681532 - padmaparas@hotmail.com			
11	Dr. Kusum Devi	Al – Ameen College of Pharmacy Bangalore	Prof. & Head Dept. of Pharmaceutics	9342859850 - kusumal62@yahoo.com			

## Annexure 2 Proctoral System

## Consolidated Proctor List (for the Academic Year 2019-20)

Chief Proctor	Parameshwar S	Parameshwar S			
Faculty	Head Proctor	Proctors			
FPH-B.Pharm.	Dr. S. Bharath, Asso. Dean,	Dr B V Suma, Asst. Professor, Dept. of			
8) - 40 40 (40 (40 (40 (40 (40 (40 (40 (40 (40	FPH	Pharmaceutical Chemistry			
		Dr Sindhu Abraham, Asst. Professor,			
		Dept. of Pharmaceutics			
		Dr K. Sundara Saravanan, Asst.			
		Professor, Dept. of Pharmacognosy			
		Dr Manikanta Murahari, Asst.			
		Professor, Dept. of Pharmaceutical			
		Chemistry			
		Dr. Rajeev J Mudakavi, Asst. Professor,			
		Dept. of Pharmaceutics			
FPH-Pharm. D	Dr. S. Bharath, Asso. Dean,	Ms Hazira Banu, Asst. Professor, Dept.			
	FPH	of Pharmacology			
	32 15 A 20 COV	Mrs Sharon Caroline Furtado, Asst.			
		Professor, Dept. of Pharmaceutics			
Faculty	Head Proctor	Proctors			
FMPS-B.Sc.(Hons.)	Dr. Deepak A. S.	Dr. Prabhu Tej J.			
		Dr. Sheetal Batkurki			
		Dr. Sumanth Bharadwaj			

Faculty	Head Proctor	Proctors
FAD-B.Des.	Mr. Lohit H S	Mr. Srinivasa
		Mr. Dileepa.C
		Ms. Reemi Thakuria
		Ms. Nagaveni K.
		Mr. Goutham N.
		Mr. Chiranjith Barui
		Mr. Pratheek Achar
		Mr. Vignesh Ravichandran
		Mr. Suresha S
		Mr. Vidyanand Desai
		Mr. Bala Vignesh

Faculty	Head Proctor	Proctors
FHMCT(Batch 2019-23)	Ms.Rashmi Koppar	Dr. Sandhya Anilkumar
		Ms. Shirin Kariappa
		Ms. Shashi Binani
		Ms. Pratisha Baruah.
Faculty	Head Proctor	Proctors
FMC B.Com. (Hons.)	Mr. Rakesh C	Mr. Ajay R
		Mr. Rakesh C
		Ms Rashmi R
		Ms Renne Namratha
		Ms Sudharani R
Faculty	Head Proctor	Proctors
FMC BBA	Dr. H S Srivatsa	Dr. N Suresh

	Ĭ	Dr. G Devakumar
		Dr.Chandra Sen Mazumdar
		Dr. Mamatha SV
		Mr Rajeev Prasad P
		Ms Reshma K J
	•	
Faculty	Head Proctor	Proctors
FDS-BDS	Dr. Swaroop Hegde	Dr Shwetha V
		Dr Lalitha S Jairam
		Dr Shwetha G
Faculty	Head Proctor	Proctors
FLAHS	Dr. A C Lokesh	Dr. Nanje Gowda N A
B.Sc. (Hons.)- Food Technology		Ms. Sathyashree H S
		Dr. Kavitha P
		Dr. Megha M Katte
		Dr. Rajadurai
		Dr. Chennappa Gurikar
Faculty	Head Proctor	Proctors
FLAHS-Biotechnology	Dr Soma Chaki	Dr Soma Chaki
		Dr Rohini Keshava
		Mr George Santhosh
		Dr Debasish Kar
		Dr Selvam
		Dr Swati Sinha
		197.7
Faculty	Head Proctor	Proctors
•	Dr. Indumathi V.A.	Dr.Vinod/Dr.Latha
FLAHS Allied Health Sciences, (MRIT, DTT, OTT) 2018 batch 3rd semester		Dr.Ranjita
33.113333		Dr.Sudha Shivaraj
		Ms.Vidya
		Ms.Shilpa
		Dr. Jaishree
FLAHS Allied Health Sciences		Dr.Spoorti
(MRIT, DTT, OTT, CCT, OPT) 2019		Dr.Shakunthala
batch I semester		Dr.Indumathi
		Ms.Deepti
		Dr.Lata
		MsAileen
		MsJayanthi

**Head Proctor** 

Dr. Nayana Patil

Dr.Biswas/Dr.Jayarajini

Dr. Punithavathi

**Proctors** 

Faculty

FET B.Tech.

Branch

Dr. Christy Bobby	$\neg$
	$\dashv$
Dr. B. R. Karthikeyan Mr. Vishwanath K	_
	_
Mr. K. V. Narasimha Reddy	_
Mrs. Shreyanka S	_
Dr. Sunil Y	_
Dr. Ugra Mohan Roy	
Mr. Varun	
Mr. Abdul Imran R	
Mr. L. S. Praveen	ECE
Mr. Divya Kiran	
Ms. Monica	
Mr. Nikita S Valke	
Mrs. Vasanthavalli	
Ms. Prafullakumari	
Mr. Bharath Kumara	
Mrs. Deepthi	
Mr. Ambresh G. Biradar	
Dr. Pallaviram Sure	
Dr. S. Malathi	
Ms.B.K.Swathi Prasad	
Mr. S. Nagaraja Rao	
Mr. Prajwal K. T	
Ms. Sudha B.	
Ms. Meghana T. V.	
Mr. Sachin S	
Mr. Kiran Kumar B M	EEE
Mr. Veerabhadra	
Mr. Praveen Kumar V	
Ms. Pranupa	
Ms. Anusha V	
Mr.Naveen Kumar	
Mrs.Swathy Nair	
Ms. Ami Rai E.	
Mr. Deepak V.	
Ms. Padma Priya Dharishini	
Mr. V. S. Yerragudi	
Ms. Jishmi Jos Choondal	7
Ms. Roopa G.	
Ms. Santoshi Kumari	
Mr. Prakash P.	_
Ms. Chaitra S.	-
Ms. Naveeta Rani	-
Ms. Supriya M. S.	_
Mr. Nithin Rao R.	
Mr. Sagar D.	-
	CSE
Mr Hari Krichna C M	
Mr. Hari Krishna S. M.	
Mr. S. M. Kishore	_
	_

T	Co. Copt. N. Poth VCM	
	Gp. Capt. N. Rath VSM	
	Mr. Narasimha Murthy K. R.	
	Dr. T. P. Pushpavathi	
	Dr. Subarna Chatterjee	
	Dr. Rinki Sharma	
	Prof. A. Prabhakar	
	Ms. Sahana P. Shankar	
	Prof. N. D. Gangadhar	
	Dr. C. Narendra Babu	0.40.45
	Dr. Ananth S Iyengar	MME
	Mr. Manjunath M Ullegaddi	
	Mr. Sandeep N	
	Mr. Sooraj Mohan	
	Mr. Arun R	
	Mr. Vijaya Kumar S	
	Dr. Rahul M Cadambi	
	Mr. Vijaykumar Kalwa	
	Mr. Bhargav	
	Mr. Naveen Kumar K H	
	Mr. Shivaramu L	
	Mr. Pritam Bhat	
	Dr. Murugesh M C	
	Mr.Pavan Kumar Reddy	
	Mr.Arun Karthik S	
	Mr.Abhilash N	
	Mr. Shrikrishna M Badiger	
	Mr. Nithin V	
	Dr.S.D.Anitha Kumari	
	Dr.Harshad R Parate	
	Dr.Santhosh M Malkapur	
	Dr.Nayana N Patil	
	Mr.Yateen Lokesh	
	Mr.Eshwar reddy	
	Mr.Chethan Gowda R K	
	Mr.Abhishek Pulgur	CE
	Mr.Divakar L	
	Ms.Priyanka N	
	Mr.Naveen Kumar H S	
	Sushma	
	Mr.Manish Haveri	
	Mr.Nikhil T R	
	Ms. N.S.Chandanshree	
	Mr. Ananthesha	
	Mr. Subbaramu	
	Mr.Monish M G	
	Mr. Mithun SK,	AAE
	Dr.M Sivapragasam	AAE
	Dr.Mahesh K Varpe	
	Dr. A T Sriram	
	Mr. Subbaramu S	

# Annexure 3 Staff – Student Committee Minutes of Meeting

## Staff - Student Committee Minutes of Meeting

## Ramaiah University of Applied Sciences Bangalore – 560054

Staff-Student Consultative Meeting FLAHS FT-2018

Day and Date: Monday, 22nd April 2019

Time: 4.00PM

Venue: \$18 - Board Room, University House

Members Present: Dr. Sundaresh D C, Mr. S. Parameshawar, Dr. Medha Joshi Dr. Indumathi V A, Dr Soma Chaki, Ms. Geetha B E, Dr. Sandhya Iya, (Staff) Mr. H S Srikishen, Mr. Ashok D, Mr. Krishnamurthy, Mr. Prakash, Mr. Santhosh, Ms. Laxmipriya L.

Members present: Kishan Shivakumar, Sushmitha R Shenoy, Asfiya, Sagar H M, Sanober Taskeen, Rakshitha R D. (Student)

Members Absent: -

Agenda of the Meeting:

The meeting is called to consider the agenda items given below:

1 Student Academic issues

Curriculum Course Delivery Examination & Assessment

2 Student Teaching and Learning Support

Programme Operations Examination & Assessment Library ICT Laboratories & Workshops

3 Student Amenities

Hostel & Cafeteria Sports & Recreation

4 Any other matter with the permission of the Chair.

Discussions and Action Points							
Subject	Discussions	Action Points	Responsibility				
Call to Order and Quorum	The meeting was called to order by the PRO VC (Health Sciences) RUAS of the committee at 4.00 PM. With quorum being present the proceedings of the meeting were commenced.  The Pro VC welcomed all the members and proceeded to take up the agenda matters.						
Agenda 1: Minutes of Previous Meeting	Academic Registrar (FLAHS) commenced the previous minutes of meeting.	*					
Agenda 2: Student Academic Issues	Pro VC conveyed a brief introduction about the Staff – Student Consultative committees meeting for FT-18 Batch FLAHS.						
	Call to Order and Quorum  Agenda 1: Minutes of Previous Meeting  Agenda 2:	Subject  Discussions  The meeting was called to order by the PRO VC (Health Sciences) RUAS of the committee at 4.00 PM. With quorum being present the proceedings of the meeting were commenced.  The Pro VC welcomed all the members and proceeded to take up the agenda matters.  Agenda 1:  Minutes of Previous Minutes of Previous minutes of meeting.  Agenda 2:  Student Academic Issues  Pro VC conveyed a brief introduction about the Staff—Student Academic Issues  Student Consultative committees meeting for FT-18	Subject  Discussions  Action Points  The meeting was called to order by the PRO VC (Health Sciences) RUAS of the committee at 4.00 PM. With quorum being present the proceedings of the meeting were commenced.  The Pro VC welcomed all the members and proceeded to take up the agenda matters.  Agenda 1:  Minutes of Previous Meeting  Academic Registrar (FLAHS) commenced the previous minutes of meeting.  Agenda 2:  Student Academic issues  Pro VC conveyed a brief introduction about the Staff—Student Consultative committees meeting for FT-18				

## Staff – Student Committee Minutes of Meeting

4	Agenda 3: Student Teaching and Learning Support	Students requested that they require handbooks for reference.	HOD informed Pro VC that they have requested for the handbook and the course leaders have given the list of essential readings and additional readings in each course specification.	Librarian & Respective Course Leaders
			Pro VC asked if any books have been ordered and suggested students to read according to the curriculum in the existing books as they may not find the particular book.  Librarian informed Pro VC that the students have access to e-books.	
5	Agenda 4: Student Amenities	Students expressed that they were not aware about the sports day and they could not participate as it was during their semester break.	Manager student affair and Academic Registrar informed Pro VC that it had been informed as the students were on vacation they were not aware of it.  Pro VC suggested to start the courses together so that the academic calendar will be common for all FLAHS programs and the students will not miss on the activities.	Sports Manager & Students affair
6	Agenda 5: Any other items by the permission of the Chair	There being no further business, the Chairperson declared the meeting closed.		
7	Vote of Thanks and adjournment	The meeting ended with a vote of thanks by the Chairperson of the committee.	•	-

1. Course Delivery	CRs expressed that most of the students are finding it difficult to cope with the following subjects i.e. Physics and Electrical & Electronics.	HOD (AHS) expressed as the subjects are important, it has been brought to notice that the faculties should use different methods of teaching.  Pro VC Suggested students to follow certain methods of learning as the subjects are important for analysis and suggested to request faculties to make classes more interactive.	

Review of Minutes of the Meeting:

Date: 22<sup>nd</sup> April 2019

Laxingraya

Venue: S18- Board Room, University House

Declaration:

(Signature of the E & A Section)

(Signature of the Chairperson)

## Annexure 4 Student Feedback Form

## Faculty of ....... M.S.Ramaiah University of Applied Sciences Student Feedback Form

Facul	tv										
	rtment										
Programme		PG Batch P		PT/	FT						
Modu	Module Code Module Title										
Module Leader			Feedback Date								
Pleas	se Note:					]	.	2	3	4	5
1: Poor (P), 2: Average (A), 3: Satisfactory (S), 4: Good Very Good (VG)		od	(G), 5	: (I		(A )	(S )	(G )	(VG )		
1		The Intended Learning Outcomes were clearly e at the start of the module			lained						
2		ne module content & level was suitable to meet t tended Learning Outcomes			the						
3		The contents of the module notes covered all the learning outcomes									
4	The teaching and learning methods adopted were able to help you achieve the learning outcomes										
5	Whether outcomes	the test conducted tested the relevant learning									
6	Whether learning o	<del>-</del>	questions were able to	tes	t the						
7	The Modu	The Module Leader/s was beinful in responding to									

questions and providing guidance

8	The pace of the module was suitable for the complexity of the material and my level of knowledge			
9	The slides used were well prepared & suitable for the content of the material			
10	The module hand-outs etc. were clear, helpful and suitable for the content, if any			
11	The delivery by the Module Leader/s was clear and understandable			
12	The Module Leader/s was well prepared and effective			
13	The module notes was complete and available at the start of the programme			
14	The faculty office provided a helpful, efficient, responsive and prompt service			
15	The ability of Module Leader to engage the class			
16	The ability of Module Leader to manage the time			
17	The ability of Module Leader to manage discipline in the class			
18	The level of enthusiasm of the Module Leader			
19	The Confidence level of the Module Leader			
20	Punctuality of the Module Leader			

Note: Constructive suggestions help the University to improve its academic delivery

	M. S. Ramaiah University of Applied Sciences											
	Quality Control - Academics, Student Feedback Form											
	Programme: UG				Semester/Year							
	ase Note: 1: Poor (P), 2: Average (A), 3: isfactory (S), 4: Good (G),	Cours e Name										
	Very Good (VG)											
1	The Intended Learning Outcomes were clearly explained at the start of the Course											
2	The Course content & level was suitable to meet the Intended Learning											
3	The contents of the Course notes covered all the learning outcomes											
4	The teaching and learning methods adopted were able to help you achieve the learning outcomes											
5	Whether the tests conducted tested the arning outcomes											
6	Whether the assignment questions were											
7	The Course Leader/s was helpful in											
8	The pace of the Course was suitable for											
9	The slides used were well prepared &											
10	The Course hand-outs etc. were clear, helpful and suitable for the content, if											
11	The delivery by the Course Leader/s											
12	The Course Leader/s was well prepared											

13	The Course notes was complete and						
	available at the start of the programme						
14	The faculty office provided a helpful, efficient, responsive and prompt service						
15	The ability of Course leader to						
16	The ability of Course leader to manage						
17	The ability of Course leader to manage						
18	The level of enthusiasm of the Course						
19	The Confidence level of the Course						
20	Punctuality of the Course leader			•			

Course

Did the Course meet your expectations in terms of content and level? If not, why?

How could the Course delivery be improved?

Any other comments /suggestions

## Annexure 5 Student Feedback Analysis

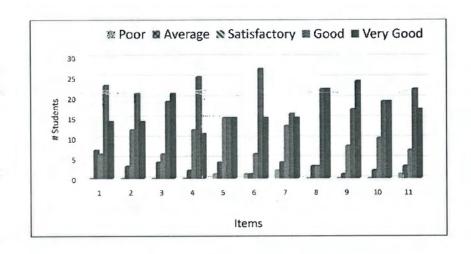
## **Student Feedback Analysis**

## Faculty of Dental Science M.S.Ramaiah University of Applied Sciences

				reducii	t Feed	Dack F	Maiya	12 Mch	UFL						
Programme/ Batch	€	3DS/201	19	ye	year				Course Leader			Dr.Sowmya			
Course Code	Bi	BDSDEN101		Total No. of Students		50	Course Title			DADH					
Criteria	1	2	3	4	5	6	7	8	, 9	10	1.1				
Poor	1	3	4	3	1	4	2	1	2	1	1	1			
Average	8	5	5	5	7	6	7	1	3	4	1	2			
Satisfactory	14	14	19	19	17	18	15	13	13	18	16	3			
Good	23	21	17	20	18	18	20	24	18	18	22	4			
Very Good	4	7	5	3	7	4	6	11	14	9	10	5			
Responses	50	50	50	50	50	50	50	50	50	50	50	Overall Avg.			
Average	3.42	3,48	3.28	3.30	3.46	3.24	3.42	3.86	3.78	3.60	3.78	3,51			

SI.No	Items	
1	The Intended Learning Outcomes were clearly explained at the start of the Course	Satisfactory
2	The Course content & level was suitable to meet the Intended Learning Outcomes	Satisfactory
3	The teaching and learning methods adopted were able to help you achieve the learning outcomes	Satisfactory
4	The pace of the course was suitable to my level of knowledge	Satisfactory
5	The course notes/ hand outs and related material were complete and available at the start of the programme	Satisfactory
6	The delivery by the Course Leader/s was clear and understandable	Satisfactory
7	The Course Leader/s was helpful in responding to questions and providing guidance generate interest level and desire to learn	Satisfactory
8	Punctuality of the Course Leader and ability to manage time effectively (time management)	Good
9	The ability of Course Leader to engage the class and manage discipline in the class	Good
10	Whether the assessments (tests/assignments, etc.,) tested the relevant learning outcomes	Good
11	Evaluates and provides feedback of the assessments (answer scripts / assignment grades, etc.,) to the students on a timely manner	Good
	Overall Average	Good

## **Student Feedback Analysis**



- 11. Did the Course meet your expectations in terms of content & level? If not, why?
  - · Yes, perfect
- 12. How could the Course delivery be improved?
  - Required more interacting sessions-3
- 13. Any other comments/suggestions

Lox Cowning (Hor)

## Annexure 6 Summary of Feedback

## Summary of Feedback

M.S.Ramaiah University of Applied Sciences Directorate- Quality Control (Academics) Faculty of BDS SFB Summary (SSCM and SAB) NV (vent

Batch: 2019 Course: BDS -I year

BDSDEN101

DADH

Th/Pr

Dr. Dominic

Annual Scheme- 1st Student Feedback

SI.No	Course Code	Course title	Faculty Members	Avg. Score	Remarks	Dean's Remarks
1	BDSMED 101	Anatomy	Overall	4.22	Yes, perfect The dissection demo classes should be explained slowly	
2	BDSMED102	Physiology	Overall	4.05	Yes, good Materials provided for practicals should be in good condition More examples of clinical scenarios Each class has 2-3 topics which cannot be covered properly in one class	
3	BDSMED103	Biochemistry	Overall	3.43	Yes, good make topics more interesting Teachers should be more interactive and give examples	

4.01

• The topics are too much to be covered in a class

• Sir can be little soft and considerable to students

• Can answer the questions which are not known to

More revisions of practicals

students

			Th/Pr ·	Dr. Sowmya	3.51	Yes, perfect     Required more interacting sessions-3	
		0 0	Th/Pr	Dr. Vanishree	3,51	By conducting more practical classes     Should slow down the pace of teaching-2	
			Pract	Dr.Surendra	3.49	Should not divert from the topic	
	va sva <sup>st</sup> san	DM - Prostho	Th	Dr.Baba Shankar	3.91	Yes, good Good teaching No proper equipment's	
5	BDSDEN102		Th/Pract	Dr.Gayathri	3.57	<ul> <li>Yes, good</li> <li>Could go a little faster</li> <li>Be soft to students</li> </ul>	
,	BBBENIGE		Pract	Dr.Harshitha	3.29	Yes, good	
		DM - Cons	Th				a
			Pract			9	
		Pre-clinical Prosthodontics	Theory	Dr.Vaishali	4.19	Yes, good Could go a little faster	
		SDEN103  Pre-clinical  Prosthodontics		Dr. Baba Shankar	4.03		
6	BDSDEN103		Practical	Dr. Gayathri	3.53	Practical demo should be for small batch of students at a time     Should make class more interesting and more interactive     Too much information in one session -2	
					11	* 100 much information in one session *2	7 4 3

## Annexure 7 Student Performance UG & PG

## The details of the student performance that were discussed in PAB as shown below:

Sl. No	Programme	Total No. of Students	No of Students passed in 6th Semester (Batch – 2016)	Pass%
1	B. Tech	346	232	67.05
2	B. Des	39	29	74.35
3	B. Pharm	60	42	70
4	B.H.M	100	82	82

Sl. No	Programme	Total No. of Students	No of Students passed in 7th Semester (Batch – 2016)	Pass%
1	B. Tech	352	308	87.5
2	B. Des	39	32	82.05
3	B. Pharm	60	38	63.33
4	B.H.M	100	100	100

Sl. No	Programme	Total No. of Students	No of Students passed in 8th Semester (Batch – 2016)	Pass%
1	B. Tech	349	338	96.84
2	B. Des	39	37	94.87
3	B. Pharm	60	60	100
4	B.H.M	100	100	100

Sl. No	Programme	Total No. of Students	No of Students passed in 4th Semester (Batch – 2017)	Pass%
1	B. Tech	617	355	57.53
2	B. Des	61	46	75.40
3	B. Pharm	72	29	40.27
4	B.H.M	86	83	96.51

T <sub>Sl. No</sub>	<b>ail</b> Programme	ent p <sub>Total No. of</sub> that	<b>V</b> No of Students passed in	sho <sub>Pass</sub> % )w:
		Students	5th Semester (Batch – 2017)	
1	B. Tech	674	413	61.27
2	B. Des	60	46	76.66
3	B. Pharm	48	28	58.33
4	B.H.M	83	80	96.39
Sl. No	Programme	Total No. of Students	No of Students passed in 6th Semester (Batch – 2017)	Pass%
1	B. Tech	618	574	92.88
2	B. Des	60	51	85
3	B. Pharm	48	Semester / Year End Exams are to be scheduled as per the 'PCI Covid-19 pandemic guidelines'.	
4	B.H.M	83	83	100
Sl. No	Programme	Total No. of Students	No of Students passed in 2 <sup>nd</sup> Semester (Batch – 2018)	Pass%
1	B. Tech	528	273	51.70
2	B. Des	55	43	78.18
3	B. Pharm	102	65	63.72
4	B.H.M	92	68	73.91
Sl. No	Programme	Total No. of Students	No of Students passed in 3 <sup>rd</sup> Semester (Batch – 2018)	Pass%
1	B. Tech	557	377	67.68
2	B. Des	51	45	88.23
3	B. Pharm	102	58	56.86
4	B.H.M	89	58	65.17

Sl. No	Programme	Total No. of Students	No of Students passed in 4th Semester (Batch – 2018)	Pass%
1	B. Tech	554	506	91.33
2	B. Des	51	44	86.27
3	B. Pharm	102	Semester / Year End Exams are to be scheduled as per the 'PCI Covid-19 pandemic guidelines'.	
4	B.H.M	88	79	89.77
Sl. No	Programme	Total No. of Students	No of Students passed in 1st Semester (Batch – 2019)	Pass%
1	B. Tech	414	270	65.21
2	B. Des	49	39	79.59
3	B. Pharm	95	48	50.52
4	B.H.M	80	70	87.5
Sl. No	Programme	Total No. of Students	No of Students passed in 3rd Year (Batch – 2016)	Pass%
1	B.D.S	58	52	89.65
2	Pharm. D	29	22	75.86
Sl. No	Programme	Total No. of Students	No of Students passed in 4th Year (Batch – 2016)	Pass%
1	Pharm. D	30	Semester / Year End Exams are to be scheduled as per the 'PCI Covid-19 pandemic guidelines'.	
2	B.D.S		Exam In Progress	
Sl. No	Programme	Total No. of Students	No of Students passed in 2nd Year (Batch – 2017)	Pass%
1	B.D.S	53	43	81.13

	formance	o $DO$
		X. DIE

2	Pharm. D	33	25	75.75
Sl. No	Programme	Total No. of Students	No of Students passed in 3 <sup>rd</sup> Year (Batch – 2017)	Pass%
1	Pharm. D	32	Semester / Year End Exams are to be scheduled as per the 'PCI Covid-19 pandemic guidelines'.	
Sl. No	Programme	Total No. of Students	No of Students passed in 1st Year (Batch – 2018)	Pass%
1	B.D.S	60	51	85
2	Pharm. D	30	23	
Sl. No	Programme	Total No. of Students	No of Students passed in 2 <sup>nd</sup> Year (Batch – 2018)	Pass%
1	Pharm. D	25	Semester / Year End Exams are to be scheduled as per the 'PCI Covid-19 pandemic guidelines'.	
Sl. No	Programme	Total No. of Students	No of Students passed in 1 <sup>st</sup> Semester (Batch – 2018)	Pass%
1	B.Sc (Hons) PCMSCE	15	11	73
2	B.Sc (Hons) BT	58	37	63.79
3	B.Sc (Hons) FPT	60	43	71.66
4	B.Sc (Hons) MRIT	23	18	78.26
5	B.Sc (Hons) DTT	6	3	50
6	B.Sc (Hons) OTT	10	9	90
7	B.Com (Hons)	40	35	87.5
8	BBA	60	52	86.6
Sl. No	Programme	Total No. of Students	No of Students passed in 2 <sup>nd</sup> Semester (Batch – 2018)	Pass%
1	B.Sc (Hons) PCMSCE	15	11	73

2	B.Sc (Hons) BT	55	45	81.81
3	B.Sc (Hons) FPT	60	52	86.66
4	B.Sc (Hons) MRIT	23	14	60.86
5	B.Sc (Hons) DTT	6	4	66.66
6	B.Sc (Hons) OTT	10	7	70
7	B.Com (Hons)	40	29	72.5
8	BBA	60	47	78.3

Sl. No	Programme	Total No. of Students	No of Students passed in 3 <sup>rd</sup> Semester (Batch – 2018)	Pass%
1	B.Sc (Hons) PCMSCE	13	10	77
2	B.Sc (Hons) BT	50	32	64
3	B.Sc (Hons) FPT	55	50	90.90
4	B.Sc (Hons) MRIT	20	12	60
5	B.Sc (Hons) DTT	6	4	66.66
6	B.Sc (Hons) OTT	10	5	50
7	B.Com (Hons)	38	26	68.4
8	BBA	53	53	100

Sl. No	Programme	Total No. of Students	No of Students passed in 1 <sup>st</sup> Semester (Batch – 2019 & 2018)	Pass%
1	B.Sc (Hons) PCMSCE	22	15	68
2	B.Sc (Hons) BT	58	41	70.68
3	B.Sc (Hons) FPT	66	48	72.72
4	B.Sc (Hons) MRIT	30	12	40
5	B.Sc (Hons) DTT	21	14	66.66
6	B.Sc (Hons) OTT	19	12	63.15
7	B.Sc (Hons) CCT	30	22	73.33
8	B.Com (Hons)	32	29	90.6
9	BBA	94	66	70.2
10	B.Sc (Hons) Optometry	9	7	77.77

Sl. No	Programme	Total No. of Students	No of Students passed in 2 <sup>nd</sup> Semester (Batch – 2019)	Pass%
1	B.Sc (Hons) PCMSCE	19	19	100
2	B.Sc (Hons) BT	57	55	96.49

3	B.Sc (Hons) FPT	65	62	95.38
4	B.Sc (Hons) MRIT	30	23	76.66
5	B.Sc (Hons) DTT	21	18	85.71
6	B.Sc (Hons) OTT	19	12	63.15
7	B.Sc (Hons) CCT	30	27	90
8	B.Com (Hons)	32	30	93.7
9	BBA	92	71	77.1
10	B.Sc (Hons) Optometry	9	7	77

### PG Programmes

The details of the student performance that were discussed in PAB as shown below:

Sl.	Programme	Total No. of	No of Students passed	Pass%
No		Students	(Batch – 2017)	
1	M. Tech	126	99	78.57
2	M. Des	9	8	88.89
3	M. Pharm	20	20	100
4	MBA	89	86	96.6
5	MHA	21	20	95.2
6	M. Com	10	10	100
7	M.Sc.	33	24	100
8	M.Sc BT	27	26	96.29
9	M.Sc MCB	16	15	93.75
10	M.Sc FST	30	29	96.66
11	MDS	31	31	100
12	MHA	23	18	78.26

## Annexure 8 Ph.D. Scholar Details

## Ph.D. Scholar Details of April 2019 Batch

Sl. No	Name of the Scholar	Faculty	Mode of Study	Research Area Interest
1	Lairikyengbam Deepti Roy	FMPS-Chemistry	Full Time	Environmental and Human Nanotoxicology
2	Seema P.D.	FET-ECE (Bio Medical Engg.)	Full Time	Motor Imagery using fMRI and EEG to Facilitate Neuro- Rehabilitation
3	Ummey Salma	FDS-Pedodontics	Full Time	Molar Incisor Hypomineralization
4	Niveditha Dattatrya Patil	FLAHS (Biotechnology)	Part Time	Lactose-Binding Lectin from Ocimum Sanctum
5	Swathy Nair	FET-EEE	Part Time	Intelligent Demand Response Management for Smart Grid under Realistic Uncertainties
6	Akshayakumar V. Hanagodimath	FET-CIV	Part Time	Optimization of Building Energy using Reliable Machine Learning Techniques
7	Manish Haveri	FET-CIV	Part Time	Effects of Soil Liquefaction on Structures
8	Jabeen	FPH (Pharmaceutics)	Part Time	Novel Method Analysis to Improve Analysis of Etodolac and its Combination with other Drugs
9	Aileen	FMC-HA	Part Time	Development of HOSPITALQUAL Model to Measure Service Quality for Tertiary Care Hospitals
10	Varsha J.	FLAHS- Biotechnology	Part Time	Isolation of Candida Auris from Bangalore and Screening of Anti Candida Auris Activity Of Medicinal Plants
11	Reshma K.J.	FMC-Finance	Part Time	Financial Crisis and the Emergence of Shadow Banking
12	Prathima B.N.	FET-ECE	Part Time	Deep Convolutional Neural Network using in Remote Patient Monitoring
13	Yateen Lokesh	FET-CIV	Part Time	Optimization of Steel Fiber Used for Induction Heating in Porous Asphalt Concrete
14	Swati Gopal	FLAHS- Biotechnology	Part Time	Investigating, Designing and Developing Obesity Management
15	Priyanka N.	FET-CIV	Part Time	Recharging Soil Aquifer with Reclaimed Wastewater
16	Janhavi R. Wadeyar	FMC-HR	Part Time	Organizational Performance and Competitive Gain
17	Satish M.	FMPS-Chemistry	Part Time	Synthesis of a Cost-Effective and Efficient Electrocatalyst for ORR

## Ph.D. Scholar Details of April 2019 Batch

18	Freeda D'Souza	FMC-HA	Part Time	The Impact of Public Health Insurance Schemes on the Private Sector
19	Khadeer Riyaz	FDS-Ortho	Part Time	Dentoskeletal effects of the Bite- Jumping Appliance and the Twin- Block Appliance
20	Anuraj N.V.	FMPS-Mathametics	Part Time	Application of Differential Transform Method in Solving Boundary Eigen Value Problems
21	Harshavardana B.H.	FET-ECE	Part Time	Design and Development of Bionic Leg
22	Hema G.	FDS-Oral Medicine	Part Time	Assessment of Temporomandibular (TMDS) Joint Disorders

## Ph.D. Scholar Details of September 2019 Batch

Sl. No	Name of the Scholar	Faculty	Mode of Study	Research Area Interest
1	Ritu Rani	FET - CSE	Full Time	Distributed Systems in Social Networks
2	Sangeetha B.N.	FMPS - Maths	Full Time	Nano Fluids and their Thermal Behaviour
3	Shivanjali Esther Arland	FMPS-Chem.	Full Time	Waste Water Treatment
4	Angeline Deepthi	FDS	Part Time	Salivary Electrolytes
5	Bhargavi Manne	FMC	Part Time	Hospital Quality of Care
6	Deepu George Mathew	FDS	Part Time	Prognostication of Oral Premalignant Lesions
7	George Santhosh	FLAHS	Part Time	Anticancer Potential of Plants
8	Gracelin Ranjitha E.	FDS	Part Time	Oral Premalignant and Malignant Lesions
9	Johnson John	FMC	Part Time	Appreciative Inquiry Model for Employees
10	Kanuparthi Aiswarya Prabha	FMC	Part Time	Human Resource Management
11	Lakshmi Prasanna Marise V.	FPH	Part Time	Drug Repurposing
12	Madhavi V.	FET (CSE)	Part Time	Internet of Things

## Ph.D. Scholar Details of April 2019 Batch

13	Madhuri Vijayakumar	FDS	Part Time	Osseointegration and biocompatibility of biomaterials
14	Mallikarjuna S. H.	FPH	Part Time	Pancreatic Cancer
15	Naveen Kumar T.	FEE (EEE)	Part Time	Power System Operation and Control
16	Nikhil S.	FET (EC)	Part Time	Machine Learning
17	Prajwal K.T.	FEE (EEE)	Part Time	Energy Harvesting Technologies
18	Pritam Bhat	FET (Mech)	Part Time	Battery Thermal Management in Electric Vehicles
19	Priyanka Joe	FMC	Part Time	Stock Investing and Investor Behaviour
20	Ranganadhan S.	FMC	Part Time	Public Private Partnerships in Health Sector
21	Rashmi R.	FMC	Part Time	Digital Marketting
22	Renuka C.	FEE (EEE)	Part Time	Electropalatography
23	Sathyashree H. S.	FLAHS	Part Time	Biological Compounds Preservation
24	Shirin Kariappa	FHMCT	Part Time	Emotional Intelligence in the Hospitality Industry
25	Swaroopa H. M.	FPH	Part Time	Alzheimer's Disease
26	Talluri Sesha Rajeshwari	FPH	Part Time	Pharmaceutical Nanotechnology
27	Venissa N. Shenoy	FMC	Part Time	Reward Management Practices for Employee Retention

## Annexure 9 Details of Patents

Sl. No.	Patent No.	Title of the Invention	Inventors	Faculty	Date of Filing
1	201941053800	Group/Troupe Tracking System	Rath V. S. M. N. Pratyush Duklan Pareshi Rajveer Tanisha Singh Rachith Rai	FET	24 December 2019
2	201941053797	Heart Disease Prediction System using Machine Learning	Viswanath K. Reddy Guttappa Sajjan	FET	24 December 2019
3	201941053791	System, Method and Device for Automatic Text Summarization	Raghavendra V. Kulkarni Rajaayyanar A. Hariharan R.	FET	24 December 2019
4	201941053795	Window Glass Panel Cleaning Robot	Nithin V. Abdul Imran Rasheed Manjunath B. S.	FET	24 December 2019
5	201941053799	Disposable-Syringe Recycler	Mahendra Babu N. C. Manjunath S. Adithya S. Dath Prasad R. Shetty Sachin S. John	FET	24 December 2019
6	201941053792	Compact Foxtail Millet Deshelling Machine	Mahendra Babu N. C. Manjunath M. Ullegaddi Abdul Rahman Faisal Miraz Mohammad Shreenidhi M. S. SyedaAnjum	FET	24 December 2019
7	201941053796	Electronic Seed Metering System	Bhargav Manjunath M. Ullegaddi Lingaraj Doddabasan Nanavar Akhilesh Janib Rohini B.	FET	24 December 2019
8	201941053793	Spherical Spy Robot for Surveillance Operations	Swathi Prasad B. K. Suresh R.	FET	24 December 2019

9	201941053798	Ornithopter with Improved Aerodynamics and Control	Narahari H. K. Sriram A.T. Sivapragasam M. Abdullah Ansari Darshan Y. N. Mahesh M. Manoj Mannari Sachin Chavan Tejaswini M. Swasthika D. S. Srikari S. Mahesh K. Varpe Abhilash S. Rakesh Mohan Rajanikanth Ramesh, S.	FET	24 December 2019
10	202041002391	Cascaded Digitally Controlled Normal Gravity Separator	Dipayan Mazumdar Govind R. Kadambi	FET	01 January 2020
11	202041002392	Laplace Transform Computation by Accelerated Means	Govind R. Kadambi DipayanMazumdar	FET	01 January 2020
12	201941054267	An Adaptive Self Lacing Footwear	Chiranjith Barui Vidyanand Desai Sanjay Subramanian	FAD	27 December 2019
13	Design Patent Application: 325295-001	Styling of Innovative Faucet Design for Elite Indian Homes- KING	Lohit H. S. Bala Vignesh Ruthwik S. Rao	FAD	-
14	Design Patent Application: 325297-001	Styling of Innovative Faucet Design for Elite Indian Homes- QUEEN	Lohit H. S. Bala Vignesh Ruthwik S. Rao	FAD	
15	201941053790	Local Anaesthesisa Dispenser – A Portable Delivery System without an Aide	Ranganath K. ParimalaSagar	FDS	24 December 2019
16	201941054069	Blade Guard – Device to Safely Load and Unload a Surgical Scalpel	Lavanya R. Kranti K. Lohit H. S. Saagar Bhargava Gayathri, K.	FDS	24 December 2019
17	201941054072	Dental Digital Image Receptor Holder with Dual	Sujatha S. Pavan Kumar T. Rakesh N.	FDS	26 December 2019

		Aiming Rings for Imaging			
18	201941054071	Novel Bio Active Theobromine Composite Resin	Pushpalatha C. Srikari S. Deveswaran R.	FDS	26 December 2019
19	201941054268	Retractor Providing Enhanced Protection to the Soft Tissue for Oral Surgery	Ranganath K.	FDS	27 December 2019
20	201941054264	Esthetic Strips for Selection Anterior Teeth in Edentulous Patients	Ravishankar K. Ummehani Shaien Singh Varshashree Singh Akriti	FDS	27 December 2019
21	201941054266	Electrically Driven Automated Saline Dispenser	Vineeth Kumar K. Nivaskumar G. A. Praveen N. Rashmi Ashok Ritika Jeenoor Sahana L. Kavitha Prasad Ranganath K. Shwetha V.	FDS	27 December 2019
22	Design Patent Application:3252 96-001	A Cement Dispenser with Accurate Powder Liquid Ratios	Shruthi N. Dakshath Prasad Jembige Shwetha V.	FDS	-
23	201941054070	Herbosomal Drug Delivery System	Bharath S. Anbu J. Anup Siddesh Halvagal Vijayanand Pujari	FPH	26 December 2019
24	201941054263	Nanocomposite Functionalized Polymeric Scaffold for Skin Tissue	Dhrubojyoti Mukherjee Kamnoore Devanand Jagannath Damodar Nayak Parsuraman P.	FPH	27 December 2019
25	201941054265	Antifungal Tranungual Nanomiemgel for Onychomycosis	Basavaraj B. V. Avinash Anand	FPH	27 December 2019
26	201941054262	A Peroral Delivery System Containing Bisphosphonate Drug for Treatment of Osteoporosis	Bharath S. Anbu J. Mukul K. Khandelwal	FPH	27 December 2019

27	201941054270	A Novel Nutritional Composition	Priya Arjun Sreekanth N. Kusuma K. Chandana M. N. Lokesh Sai S. Manaswi K.	FHMCT	27 December 2019
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### Details of Patents Awarded during 1 April 2019 to 31 March 2020

Sl. No.	Patent No.	Country	Title of the Invention	Inventors	Faculty	Awarded Date
1	3,03,770	Indian	Portable Personal Mobility Tri-Wheel Vehicle for Shopping Malls	R. Raja S. K. Mithun R. Manoj.	FET	20 March 2019

## Annexure 10 Staff List

Sl. No.	Name	Faculty	Designation	Department
1	Dr. H. K. Narahari	FET	Professor	Automotive & Aeronautical Engineering
2	Dr. Raja R.	FET	Professor	Automotive & Aeronautical Engineering
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5	Dr. S. Srikari	FET	Professor	Automotive & Aeronautical Engineering
6	Dr. A. T. Sriram	FET	Associate Professor	Automotive & Aeronautical Engineering
7	Dr. Mahesh K. Varpe	FET	Associate Professor	Automotive & Aeronautical Engineering
8	Dr. M. Sivapragasam	FET	Associate Professor	Automotive & Aeronautical Engineering
9	Dr. Jitenjaya Pradhan	FET	Assistant Professor	Automotive & Aeronautical Engineering
10	Dr. Shashank Vadlamani	FET	Assistant Professor	Automotive & Aeronautical Engineering
11	Dr. Adarsh Ravindran	FET	Assistant Professor	Automotive & Aeronautical Engineering
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13	S. Umesh	FET	Assistant Professor	Automotive & Aeronautical Engineering
14	Ananthesha	FET	Assistant Professor	Automotive & Aeronautical Engineering
15	M.H. Monish Gowda	FET	Assistant Professor	Automotive & Aeronautical Engineering
16	S. Subbaramu	FET	Assistant Professor	Automotive & Aeronautical Engineering
17	V R Kiran	FET	Assistant Professor	Automotive & Aeronautical Engineering
18	Mithun S K	FET	Assistant Professor	Automotive & Aeronautical Engineering
19	Dr. H.M. Rajashekhar Swamy	FET	Professor	Civil Engineering
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21	Dr. Harshad Rameshwar Parate	FET	Associate Professor	Civil Engineering
22	Dr. Nayana N Patil	FET	Assistant Professor	Civil Engineering
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24	Diwakar. L	FET	Assistant Professor	Civil Engineering
25	Yateen Lokesh	FET	Assistant Professor	Civil Engineering

26	Nikhil T R	FET	Assistant Professor	Civil Engineering
27	Manish Haveri	FET	Assistant Professor	Civil Engineering
28	AkshayKumar V H	FET	Assistant Professor	Civit Engineering Civit Engineering
29	Priyanka N	FET	Assistant Professor	Civil Engineering
30	Eshwar Reddy H N	FET	Assistant Professor	Civil Engineering
31	Naveen Kumar H S	FET	Assistant Professor	Civil Engineering
32	N S Chandashree	FET	Assistant Professor	Civil Engineering
33	Sushma R	FET	Assistant Professor	Civil Engineering
34	Sreenivas Padala S P	FET	Assistant Professor	Civil Engineering
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36	Dr. B. R. Venkatesh	FET	Professor - Adjunct	Civil Engineering
37	Dr. Jayateerth Ramachandra Mudakavi	FET	Professor - Adjunct	Civil Engineering
38	Dr P V Ramana Murthy	FET	Professor	Computer Science and Engineering
39	N.D. Gangadhar	FET	Associate Professor	Computer Science and Engineering
40	Prabhakar A	FET	Associate Professor	Computer Science and Engineering
41	Dr. C. Narendra Babu	FET	Associate Professor	Computer Science and Engineering
42	Dr. Rinki Sharma	FET	Associate Professor	Computer Science and Engineering
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44	Dr. T. P. Pushphavathi	FET	Assistant Professor	Computer Science and Engineering
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59	Hari Krishna S M	FET	Assistant Professor	Computer Science and Engineering
60	Kishore S M	FET	Assistant Professor	Computer Science and Engineering
61	Vaishali R. Kulkarni	FET	Assistant Professor	Computer Science and Engineering
62	Pallavi R Kumar	FET	Assistant Professor	Computer Science and Engineering
63	GP Capt N Rath VSM	FET	Assistant Professor	Computer Science and Engineering
64	Sahana P Shankar	FET	Assistant Professor	Computer Science and Engineering
65	K. S. Suvidha	FET	Assistant Professor	Computer Science and Engineering
66	Mohan Kumar K N	FET	Assistant Professor	Computer Science and Engineering
67	R. Ashwathanarayana	FET	Tutor	Computer Science and Engineering
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69	Padma R	FET	Tutor	Computer Science and Engineering
70	Priyanka S P	FET	Tutor	Computer Science and Engineering
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79	Kiran Kumar B. M	FET	Assistant Professor	Electrical Engineering
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81	Praveen Kumar Varanasi	FET	Assistant Professor	Electrical Engineering
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110	Nikita S Valke	FET	Assistant Professor	Engineering
111	Shreyanka	FFT	4 1 1 1 5 6	Electronics & Communication
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112		FET	Senior. Tutor	Electronics & Communication
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116	Manjunatha C K	FET	Tutor	Engineering
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117	Divya Shree S.	FET	Tutor	Engineering
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130	Nithin Venkataram	FET	Assistant Professor	Engineering
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135	Manjunath M Ullegaddi	FET	Assistant Professor	Engineering
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146	Srinivasa	FAD	Assistant Professor	Industrial Design
147	Vignesh Ravichandran	FAD	Assistant Professor	Industrial Design
148	Chiranjith Barui	FAD	Assistant Professor	Industrial Design
149	Dileepa C	FAD	Assistant Professor	Industrial Design
150	Suresha S	FAD	Assistant Professor	Industrial Design
151	Reemi Thakuria	FAD	Assistant Professor	Industrial Design
152	Pratheek Achar T. P.	FAD	Assistant Professor	Industrial Design
153	Vidyanand Desai	FAD	Assistant Professor	Industrial Design
154	Bala Vignesh	FAD	Assistant Professor	Industrial Design
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160	Goutham N	FAD	Assistant Professor	Fashion Design
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166	Dr. Syliva Mathew	FDS	Professor	Conservative Dentistry Endodontics
167	Dr. Swaroop Hegde	FDS	Professor	Conservative Dentistry Endodontics
168	Dr. Shruthi N	FDS	Reader	Conservative Dentistry Endodontics
169	Dr. Dinesh K	FDS	Assistant Professor	Conservative Dentistry Endodontics
170	Dr. Poornima Ramesh	FDS	Assistant Professor	Conservative Dentistry Endodontics
171	Dr. Nithin Kumar Shetty	FDS	Assistant Professor	Conservative Dentistry Endodontics

172	Dr. Thejaswini	FDS	Tutor	Conservative Dentistry Endodontics
173	Dr. Padmashree	FDS	Tutor	Conservative Dentistry Endodontics
174	Dr. Radha S	FDS	Tutor	Conservative Dentistry Endodontics
175	Dr. Indiresha H N	FD\$	Reader	Esthetic Clinic
176	Dr. Kavitha Prasad	FD\$	Professor	Oral & Maxillofacial Surgery
177	Dr. Ranganath	FD\$	Professor	Oral & Maxillofacial Surgery
178	Dr. K Vineet Kumar	FD\$	Reader	Oral & Maxillofacial Surgery
179	Dr. Parimala Sagar	FDS	Reader	Oral & Maxillofacial Surgery
180	Dr. Rajanikanth B R	FD\$	Reader	Oral & Maxillofacial Surgery
181	Dr. Sejal K M	FD\$	Reader	Oral & Maxillofacial Surgery
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183	Dr. Sujatha	FD\$	Professor	Oral Medicine & Radiology
184	Dr. Rakesh N	FD\$	Reader	Oral Medicine & Radiology
185	Dr. Shwetha V	FD\$	Assistant Professor	Oral Medicine & Radiology
186	Dr. Pavan Kumar T	FD\$	Assistant Professor	Oral Medicine & Radiology
187	Dr. Surendra L	FDS	Tutor	Oral Medicine & Radiology
188	Dr. Roopa S. Rao	FDS	Professor	Oral Pathology & Microbiology
189	Dr. Sowmya S V	FDS	Reader	Oral Pathology & Microbiology
190	Dr. Vanishri C. Haragannavar	FDS	Assistant Professor	Oral Pathology & Microbiology
191	Dr. Dominic Augustine	FD\$	Reader	Oral Pathology & Microbiology
192	Dr. Silju Mathew	FD\$	Professor	Orthodontics
193	Dr. Prashantha G S	FD\$	Professor	Orthodontics
194	Dr. Sunil Kumar M	FDŞ	Reader	Orthodontics
195	Dr. Roshan M Sagarkar	FD\$	Reader	Orthodontics
196	Dr. Sharanya Sabrish	FD\$	Reader	Orthodontics
197	Dr. Madhavi Naidu	FD\$	Assistant Professor	Orthodontics
198	Dr. Sathyashree	FD\$	Assistant Professor	Orthodontics
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200	Dr. Prakash Chandra	FDS	Professor	Pedodontics & Preventive Dentistry
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202	Dr. Pushpalatha C	FDS	Reader	Pedodontics & Preventive Dentistry
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211	Dr. Mahanthesha S	FD\$	Reader	Periodontics
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215	Dr. Suma	FDS	Professor	Prosthodontics
216	Dr Vibha Shetty	FDS	Professor	Prosthodontics
217	Dr. Ravi Shankar K	FDS	Professor	Prosthodontics
218	Dr. Shivaranjani Gali	FDS	Reader	Prosthodontics
219	Dr. Harshitha Gowda	FDS	Reader	Prosthodontics
220	Dr. Vaishali K	FDS	Reader	Prosthodontics
221	Dr. Rashmi B. M	FDS	Reader	Prosthodontics
222	Dr. Baba Shankar Alva	FD\$	Assistant Professor	Prosthodontics
223	Dr. Gayathri Devi	FD\$	Assistant Professor	Prosthodontics
224	Dr. Karishma Jagadeesh	FD\$	Assistant Professor	Prosthodontics
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244	Sreekanth.N	FHMCT	Assistant Professor	Food & Beverage Service
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248	Supriya R. Rao	FHMCT	Assistant Professor	Front Office
249	Sweety Jamgade	FHMCT	Assistant Professor	Front Office
250	Rajkumar Dey	FHMCT	Assistant Professor	Front Office

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255	Vineetha Kumari	FHMCT	Assistant Professor	Housekeeping
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265	Dr. Swati Sinha	FLAHŞ	Assistant Professor	Biotechnology
266	Dr. Debasish Kar	FLAHŞ	Assistant Professor	Biotechnology
267	Dr. Selvam Arjunan	FLAHŞ	Assistant Professor	Biotechnology
268	George Santhosh	FLAHŞ	Assistant Professor	Biotechnology
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271	Dr. Kavitha P	FLAHS	Assistant Professor	Food Processing and Technology
272	Dr. N A Nanje Gowda	FLAHS	Assistant Professor	Food Processing and Technology
273	Dr. M Rajadurai	FLAHS	Assistant Professor	Food Processing and Technology
274	Dr. Chennappa Gurikar	FLAHS	Assistant Professor	Food Processing and Technology
275	Dr. Soumya Gupta	FLAHS	Assistant Professor	Food Processing and Technology
276	Sathyashree	FLAHS	Assistant Professor	Food Processing and Technology
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279	Dr. Medha A Joshi	FLAHŞ	Professor	Allied Health Sciences
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282	Dr. Jayarajini S	FLAHS	Assistant Professor	Allied Health Sciences
283	Dr. Tushar Shaw	FLAHS	Assistant Professor	Allied Health Sciences

284	Aileen. J	FLAHS	Assistant Professor	Allied Health Sciences
285	Dr. Khyathi G V	FLAHS	Assistant Professor	Allied Health Sciences
286	Shaistha Banu	FLAHŞ	Lecturer	Allied Health Sciences
287	Priyanka K N	FLAHŞ	Lecturer	Allied Health Sciences
288	Charlie Daniel K	FLAHS	Lecturer	Allied Health Sciences
289	Dr. Sujatha Udupa	FLAHS	Visiting Assistant Professor	Allied Health Sciences
290	Deepa Swamy	FLAHS	Visiting Assistant Professor	Allied Health Sciences
291	Dr. Jitendra C	FLAHS	Visiting Assistant Professor	Allied Health Sciences
292	Dr. Ram Kumar	FLAHS	Visiting Assistant Professor	Allied Health Sciences
293	Dr. Kamath	FLAHS	Associate Professor - Adjunct	Allied Health Sciences
294	Dr. Sarala K S	FLAHS	Associate Professor - Adjunct	Allied Health Sciences
295	Dr. Ashok	FLAHS	Associate Professor - Adjunct	Allied Health Sciences
296	Dr. H. S. Srivatsa	FMC	Professor	Management Studies
297	Dr. Suresh N	FMC	Professor	Management Studies
298	Dr. G. Devakumar	FMC	Associate Professor	Management Studies
299	Dr. Sandhya Iya	FMC	Associate Professor	Management Studies
300	Dr. K M Sharath Kumar	FMC	Associate Professor	Management Studies
301	Nagesha. H.N	FMC	Associate Professor	Management Studies
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303	Arup Bhattacharya	FMC	Associate Professor	Management Studies
304	Dr. Chandra Sen Mazumdar	FMC	Assistant Professor	Management Studies
305	Dr. Mamatha S V	FMC	Assistant Professor	Management Studies
306	Uday Kumar Jagannathan	FMC	Assistant Professor	Management Studies
307	Shilpa R G	FMC	Assistant Professor	Management Studies
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309	Usha J. C.	FMC	Assistant Professor	Management Studies
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315	Renee Namratha	FMC	Assistant Professor	Commerce
316	Rashmi R	FMC	Assistant Professor	Commerce
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318	Ajay R	FMC	Assistant Professor	Commerce
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326	Dr. Shivanand Madolappa	FMPS	Assistant Professor	Physics
327	Dr. Priyanka K P	FMPS	Assistant Professor	Physics
328	Dr. Prabhu Tej J	FMPS	Assistant Professor	Physics
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333	Dr. Jyotsna Kumar	FMPS	Assistant Professor	Chemistry
334	Dr. Sunil Kumar Y C	FMPS	Assistant Professor	Chemistry
335	Dr. Sheetal Batakurki	FMPS	Assistant Professor	Chemistry
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337	Dr. Manikanda Prabhu	FMPS	Assistant Professor	Chemistry
338	Dr. Vishnuvardhan	FMPS	Assistant Professor	Chemistry
339	Dr. Sumy Joseph	FMPS	Assistant Professor	Chemistry
340	Dr. Anantharamaiah	FMPS	Assistant Professor	Chemistry
341	Dr. Rashmi Prashantha	FMPS	Assistant Professor	Chemistry
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348	Dr. Shekar M	FMPS	Assistant Professor	Mathematics
349	Dr. Somashekhara G	FMPS	Assistant Professor	Mathematics
350	Dr. Hemanth Kumar B	FMPS	Assistant Professor	Mathematics
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352	Dr. Shivashankar C	FMPS	Assistant Professor	Mathematics
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368	Dr. K. Sundara Saravanan	FPH	Assistant Professor	Pharmacognosy
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370	Dr. B. V. Basavraj	FPH	Associate Professor	Pharmaceutics
371	Dr. R. Deveswaran	FPH	Associate Professor	Pharmaceutics
372	Dr. Sindhu Abraham	FPH	Assistant Professor	Pharmaceutics
373	Dr. Dhrubojyoti Mukherjee	FPH	Assistant Professor	Pharmaceutics
374	Sharon C. Furtado	FPH	Assistant Professor	Pharmaceutics
375	Shwetha. K	FPH	Assistant Professor	Pharmaceutics
376	Dr. Sandhya K V	FPH	Assistant Professor	Pharmaceutics
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388	Prof. M. Narayana Babu	FPH	Professor	Pharmaceutical Chemistry
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394	Knolin K. Thachil	FPH	Assistant Professor	Pharmaceutical Chemistry
395	Vijaybhanu.P	FPH	Assistant Professor	Pharmaceutical Chemistry
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400	Dr. Mudigubba Manoj Kumar	FPH	Assistant Professor	Pharmacy Practice
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409	Jagadisha. B	0	Junior Technician	Advanced Learning Centre
410	Prabhushankar G.	O	Executive Assistant	Advanced Learning Centre
411	Hemadri V	0	System Administrator	Advanced Learning Centre
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419	Prakasha G. B.	DSA	Hostel - House Keeping Supervisor	Directorate-Student Affairs
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421	H. S. Srikishen	DSA	Head-Student Affairs	Directorate-Student Affairs
422	Dayananda D B	DSA	Manager-Sports (GC)	Directorate-Student Affairs
423	Prashantha K	DSA	Assistant-Sports (PC)	Directorate-Student Affairs
424	Anand Kumar M N	DSA	Assistant-Sports (GC)	Directorate-Student Affairs
425	Vikram Doddamani	DSA	Placement Officer	Directorate-Student Affairs
426	Gowtham S	DSA	Assistant Executive	Directorate-Student Affairs
427	Raveen Kumar R.	DSA	Executive - Facilities	Directorate-Student Affairs
428	Kiran N	DSA	Executive	Directorate-Student Affairs
429	Ravindra Mukkunda	DSA	Placement Officer	Directorate-Student Affairs
430	Priya Kulkarni	DSA	Placement Executive	Directorate-Student Affairs
431	Dharshan S	DSA	Placement Executive	Directorate-Student Affairs
432	S. Vinay Kumar Reddy	D\$A	Placement Officer	Directorate-Student Affairs
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434	R.Murali	DTLL	Training Manager	DTLL
435	R Nagesh Gurunath	DTLL	Manager	DTLL
436	Suma. M. S	DTLL	Assistant Executive	DTLL
437	Mahalakshmi	DTLL	Assistant Executive	DTLL
438	Nagarjun M A	DTLL	Senior Training faculty	DTLL
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440	Padmavathi Bangari	FAD	Executive	Examination and Assessment
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442	C.V.Srinivas Murthy	FDS	Office Asst.	Accounts
443	S. Anand Kumar	FD\$	Office Asst.	Accounts

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445	Vishal.B.N	FDS	Dental Mechanic	Chrome Cobalt Lab/Workshops
446	Shekar R.	FDS	Office Assistant	Chrome Cobalt Lab/Workshops
447	Kumar G.V.	FDS	Office Asst.	Chrome Cobalt Lab/Workshops
448	Shantha kumar	FD\$	Office Asst.	Chrome Cobalt Lab/Workshops
449	Sudha K	FDS	Staff Nurse	Conservative Dentistry Endodontics
450	Hanumesh S Ilager	FDS	Dental Mechanic	Conservative Dentistry Endodontics
451	H.P.Nanda Kumar	FDS	Office Asst.	Conservative Dentistry Endodontics
452	Aarthi M	FDS	Office Asst.	Conservative Dentistry Endodontics
453	Pavithra D M	FD\$	Nurse	Esthetic Clinic
454	Yeshwanthraj Urs .K	FDS	Library Assistant	Library
455	Shashidhara.J	FD\$	Librarian	Library
456	Thippaswamy	FD\$	Asst. librarian	Library
457	K.V.Gangadharaiah	FD\$	Office Asst.	Library
458	Ramanaiah	FD\$	Office Asst.	Library
459	Sudhakar B M	FD\$	Technician	Maintenance
460	Yogesh Kumar G R	FDS	Electrician	Maintenance
461	Ashwathanarayana. M	FDS	Patient Coordinator	MRD
462	Sudha.B.A	FDS	Office Asst.	MRD
463	Kumudha.B.A	FDS	Office Asst.	MRD
464	Prema E	FDS	Office Asst.	MRD
465	Vijay S	FDS	Secretary to Dean	Secretary
466	Nazeemunnisa	FDS	Nurse	Oral & Maxillofacial Surgery
467	Manjula M	FDS	Nurse	Oral & Maxillofacial Surgery
468	Jagdesh.K.T	FDS	Office Asst.	Oral & Maxillofacial Surgery
469	Manjunath A C	FDS	X-ray technician	Oral Medicine & Radiology
470	Penchalamma R	FDS	Office Asst.	Oral Medicine & Radiology
471	Chethan Kumar	FDS	Lab Tech	Oral Pathology & Microbiology
472	Venkatalakshmi	FDS	Office Asst.	Oral Pathology & Microbiology
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474	M.Thrimurthy	FD\$	Office Asst.	Orthodontics
475	Manjunath Y P	FD\$	Office Asst.	Orthodontics
476	Chandana T S	FDS	Nurse	Pedodontics & Preventive Dentistry
477	Murali Krishna	FDS	Office Asst.	Pedodontics & Preventive Dentistry
478	Babu T	FDS	Executive	Pedodontics & Preventive Dentistry
479	Shailaja S	FD\$	Dental Hygienist	Periodontics
480	K. Srinivas	FDS	Office Asst.	Periodontics
481	Nixon	FDS	Technician	Prosthodontics
482	Nandish	FDS	Dental Mechanic	Prosthodontics

483	H. Srinivas	FDS	Office Asst.	Prosthodontics
484	Naveen Kumar V	FD\$	Medico Social Worker	Public Health Dentistry
485	Govinda M	FD\$	Driver	Public Health Dentistry
486	V. Shashikala	FD\$	Executive - Stores	Purchase
487	Veena Kuranakaran	FD\$	Assistant Executive	Purchase
488	N. Lalitha	FDS	Executive - HR & Accounts	Accounts
489	Priyanka N	FD\$	Nurse	Prosthodontics
490	K.C.Sampathkumar	FD\$	Driver	Facility
491	Elangovan R	FD\$	Technician	Facility
492	Gopalakrishna B N	FD\$	Administration Registrar	Administration
493	Sathisha P	FD\$	Custodian - FDS	Class Room & Teaching Aids
494	Jesudass Anthoney	FDS	Manager - Operations (Academics)	Examination, Assessment & Programme Operations
495	Vinay Kumar S Ganjal	FD\$	Dental Hygienist	Periodontics
496	Sowmya B	FD\$	Receptionist	Admissions
497	Varsha R	FD\$	Receptionist	MRD
498	Gopalakrishna K. N.	FDS	Office Assistant	Public Health Dentistry
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501	Ravi H H	FDS	Technician	FDS
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503	Manjunath R	FD\$	Library Assistant	Library
504	N.Eswarappa	FD\$	Sr. Manager	Dental Hospital
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514	Y. Keshava Murthy	FET	Electrician	Facility
515	R. Raju	FET	Plumber	Facility
516	Siddaramaiah	FET	Gardner	Facility
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523	S. Nagarathna	FET	Library Assistant	Library
524	S. N Shantha Ramu	FET	Library Assistant	Library
525	Prabhakar Rao	FET	Library Assistant	Library
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527	Prabhakar Rao Kalinge	FET	Instructor & Machine Demonstrator - SD&MC	Mechanical Workshop
528	K. Mohammad Musthafa	FET	Welder - SD&MC	Mechanical Workshop
529	M N Rama Krishna Rao	FET	Assistant - SD&MC	Mechanical Workshop
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531	C. Chetan	FET	Carpenter	Mechanical Workshop
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583	Balaram	FHMCT	Sweeper	Food & Beverage Service
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592	Shalini Sadanand	FMC	Senior Executive	Examination, Assessment & Programme Operations
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595	K. Manjunatha	FMC	Library Assistant	Library
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604	Dinesh.N	FPH	Driver	Class Room & Teaching Aids
605	Narasimha	FPH	Sweeper	Class Room & Teaching Aids
606	Nagaraju	FPH	Sweeper	Class Room & Teaching Aids
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612	P. Samsiva Rao	FPH	Executive - Stores	Purchase
613	Mallikarjun S. Manta	FPH	Librarian	Library
614	S Venkatesh	FPH	Executive	Examination & Assessment Section
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633	Sandesh Pawar	тс	Project Engineer	Directorate-Techno Centre
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637	Sidharth A Akki	TC	Project Engineer	Directorate-Techno Centre
638	Sumant S. Yaligar	TC	Project Engineer	Directorate-Techno Centre
639	Mr. N. Shashikumar	TC	Project Engineer	Directorate-Techno Centre
640	K.P.Pradeep Kumar	TC	Project Engineer	Directorate-Techno Centre
641	N.C. Shekar	UO	CFO CFO	
642	Dr. Sandeep Sharma	UO	Director - Marketing	Admissions
643	B.K. Anjana Murthy	UO	Manager-Admissions	Admissions
644	Manjula R N	UO	Executive-Admissions	Admissions
645	S. L. Narasimhan	UO	Sr. Manager - Admissions	Admissions
646	Rohini M S	UO	Counsellor	Admissions
647	B Jyothsna Sheela	UO	Counsellor	Admissions
648	Savitha S. Walikar	UO	Counsellor	Admissions
649	Sheetal Maney G	UO	Counsellor	Admissions
650	Manasi Vishal Uppin	UO	Counsellor	Admissions
651	Suchitra S Shiragol	UO	Counsellor	Admissions
652	Pooja H Udupa	UO	Counsellor	Admissions
653	Maheshwar Hiremath	UO	Asst. Manager - Education Relations	DICPM
654	Gautham U. G.	UO	Deputy Director - ICPM	DICPM
655	Lyubov Kulikovich	UO	Officer - International Affairs	DICPM
656	Jyothi Shankar G.	UO	Director	DTSLD
657	Jayanti Chatterjee	UO	Trainer	DTSLD
658	Bhuvaneshwari G Kulkarni	UO	Trainer	DTSLD
659	Sunita Chakraborty	UO	Trainer	DTSLD
660	Shany Augustine R.A	UO	Trainer	DTSLD
661	Roopa S Patil	UO	Trainer	DTSLD
662	Farhat Begum	UO	Trainer	DTSLD
663	Reet Singh	UO	Trainer	DTSLD
664	Krishnamurthy M R	UO	Manager - Facilities	Facility Management
665	Prakash. S	UO	Executive - Facilities  Management	Facility Management
666	Krishnamurthy G	UO	Junior Technician	Facility Management
667	D H Ravikumar	UO	Driver	Facility Management
668	R Krishnamurthy Reddy	UO	Driver	Facility Management
669	Yuvaraja G M	UO	Driver	Facility Management
670	Mallikarjuna K M	UO	Driver	Facility Management
671	Prakash B P	UO	Assistant	Facility Management
672	Asha R	UO	Assistant	Facility Management
673	Jayamma D	UO	Assistant	Facility Management
674	Chandrakala	UO	Assistant	Facility Management

675	Saritha S	uo	Assistant	Facility Management
676	Manu K N	UO	Assistant	Facility Management
677	Gangareddy M	UO	Electrician	Facility Management
678	M Jayarama	UO	Plumber	Facility Management
679	Lokesha B M	UO	Sr. Executive - Accounts	Finance & Accounts
680	Shanthamurthy	UO	Manager - Accounts	Finance & Accounts
681	Ashwini R	UO	Executive - Accounts	Finance & Accounts
682	Usha H.K	UO	Assistant Executive	Finance & Accounts
683	Deepika B.M	UO	Assistant Executive	Finance & Accounts
684	V. Satheesh Kumar	UO	Executive	Finance & Accounts
685	Sindhu Ramu	UO	Senior Manager	Human Resource
686	Anuradha N	UO	Sr. Executive - HR	Human Resource
687	Shwetha S Hiremath	UO	Executive - HR	Human Resource
688	Priyanka M P	UO	Receptionist	Human Resource
689	Prathima K	UO	Executive Assistant to Vice Chancellor	Secretarial Staff
690	Lakshmi M	UO	Secretary to Pro-VC (HSG)	Secretarial Staff
691	Indu	GEF	Secretary to Prinicipal Advisor	Quality Assurance & Excellence Cell
692	Nagesh T. R.	UO	Chief Manager - ICT	ICT
693	Rakesh Rao V	UO	System Administrator	ICT
694	Santhosh B N	UO	System Administrator	ICT
695	Smitha R. Shetty	UO	Application Engineer	ICT
696	Ravi M N	0	System Administrator	ICT
697	Ganesh Rao Maney	9	Purchase Executive	Purchase
698	Parameshwar Sathyanarayan	UO	Chief QC	Quality Assurance Cell
699	Geetha B E	UO	Head - Quality Control	Quality Assurance Cell
700	Vijaya Lakshmi T	UO	Head - Quality Control	Quality Assurance Cell
701	Shruthi K	UO	Executive-QC	Quality Assurance Cell
702	B R Swarna Gowri	UO	Executive-QC	Quality Assurance Cell
703	Chaitra Shri K	UO	Executive-QC	Quality Assurance Cell
704	Ashwini S	UO	Executive-QC	Quality Assurance Cell
705	Tejaswini J	UO	Secretary to Asst. Director	Sponsored Research
706	Purushotham Bharadwaj D.R	UO	Asst. Director	Sponsored Research
707	Jayaram S R	UO	Secretary - Pro VC	Sponsored Research
708	Monica S Naidu	UO	Executive	Sponsored Research
709	Janhavi R Wadeyar	UO	Research Coordinator	Sponsored Research
710	Goutham Nagaraja	UO	Manager	University Data Centre
711	Shivaprasad Naik B	UO	System Administrator - Network	University Data Centre
712	Praveen Babu	UO	Administrator - University Data Center	University Data Centre

713	Prakash K N	UO	Webmaster	University Data Centre
714	Chitralekha N	UO	Secretary to Registrar and CFO	Secretarial Staff
715	Pavan S. Yadav	UO	Executive Assistant	University Secretariat
716	Ramya M	UO	Executive Assistant to Registrar	Secretarial Staff
717	Sevvanthi S	UO	Junior Executive	University Secretariat
718	Madhu B K	GEF	Deputy Coordinator	Quality Assurance & Excellence Cell
719	Naresh Babu N	UO	Executive	University secretariat
720	Satyanarayana B	UO	PA to VC	VC's Office
721	Sowmya Prabhu	UO	Executive Assistant to VC - Communications	VC's Office
722	B. N. Prakash	UO	Office Assistant	VC's Office
723	Ramanjineya L	UO	Office Assistant	VC's Office
724	Vinod V	GEF	Steno-cum-typist	Quality Assurance & Excellence Cell
725	Shrideep	RTBI	BDE	RTBI

# Annexure 11 Summary of Placements

#### **National Placement**

#### Faculty of Engineering and Technology

Go digit drive was held on 12th September 2019 in which students were selected. Mr. Chirag Mittal, Mr Eshwar R, Mr. Pratyush Duklan, Mr. Laxya Agarwal from B. Tech CSE have been offered the position of Graduate Engineer Trainee.

CGI drive was held on 16th September 2019 and students got the offer. Ms. Preethi Mathpati, Mr. Ashish Kumar, Mr. Shubham Saha, Mr. Sachin Hegde, Mr. Modali Krishna Sai, Mr. Muli Madhava Reddy from B. Tech CSE and Ms. Niveditha J, Ms. Mansi, Mr. Ameya Maheshwari, Ms. Sanjeevini, Mr. Sachin R from B. Tech ECE have been selected as Software Engineer.

HashedIn selected students during the drive held on 10th October 2019. Mr. Santosh G, Mr. Pranjul Gupta, Mr. Shridhar Hegde, Ms. Isha Gupta and Ms. Anirudha from B. Tech CSE have been offered the designation of Software Engineer.

Mindtree drive was conducted on 19th October 2019 and 29th February 2020 in which Students were selected. Ms. Neha Pradhan, Mr. Murali Govardh, Ms. K N Sushmita, Mr. Ganesh Bhat, Mr. Shivkumar N, Mr. Akshay Pai, Mr. Manoj M, Ms. Aishwarya B, Mr. Allu Prasana, Mr. Gautham Valibshetty, Mr. Venkatesh Chitrala, Ms. Muchamari Mythri and from B. Tech CSE and Mr. Sachin R from B. Tech ECE have been offered the position of Software Engineer.

Sloki Technologies drive was held in the month of November, 2019 and two students from M. Tech have been selected for Internship. Mr. Arvind G from AEL and Ms. Amrutha Harshitha B N from RTES are the selected students.

Cactus Global drive was held on 18th Nov 2019 and students got the offer. Mr. Rohan Bhradwaj from B. Tech ECE and Mr. Anurag, Ms. Samana Kulkarni from B. Tech ME have been selected as Associate Editor.

Kickdrum drive was held on 19th Nov 2019 and selected Mr. Karan Jagdish and Mr. Rishabh Mittal as Intern for 6 months followed by placement.

Accord Global Technology drive was held on 14th Nov 2019 Mr. Rahavendra P H and Mr. Sachin R from B. Tech ECE have been selected as Engineer Trainee.

Tavant Technologies drive was held on 5th Dec 2019. Mr. Neelaksh Sharma, Mr. Murali Govardh, Mr. Mouli Vrudava, Mr. Lakshmikanth and Mr. Anurag Sinha from B. Tech CSE have been selected as Software Engineers.

Atkins drive was held on 15th Dec 2019. Ms. Samana Kulkarni Ms. Lumen Gracia from B. Tech CSE and Mr. Sri Hari, M. Tech CE have been offered the role of Graduate Trainee.

Amazon India drive was held on 4th Feb 2020. Mr. Sagar Jain, Ms. Shree Lakshmi and Mr. Saurav Kumar from B. Tech CSE, Mr. Raj Kiran Shetty, Mr. Nikhil Chezian, Ms. Kavya Venugopal, Ms. Manasa and Mr. Katam Venktesh from B. Tech ECE, Ms. Ananya Manjunath, Mr. Prashwar Mishra, Mr. Shaik Junaid and Mr. Nikhil

#### **National Placement**

Abhishek from B. Tech EEE, Mr. Shivkumar V from B. Tech CE and Mr. K Praveen from B. Tech ME have been offered the role of Senior Compliance Associate.

Money Tap drive was held on 6th Feb, 2020. Ms. Kajol H from B. Tech EEE and Mr. Santosh Kumar from B. Tech CSE have been selected as Software Engineers. Go Green EOT (Energy of Things) PVT. LTD was held on 11th Feb, 2020. Ms. Bhumika H from B.Tech ECE have been selected as Marketing and Sales Intern. Public Affairs Center conducted a drive on 3rd March, 2020. Mr. Vinay R Srihari from M. Tech MLIS has been selected for Internship cum Placement.

Zingler Aerospace drive was held on 6th May, 2020 virtually. Mr. Karthick P M, Ms. Harshitha Dinesh and Ms. Soumya Hiremath from M. Tech Aerospace have been selected and offered the position of Engineers.

Freenkart drive was held on 4th June 2020. Mr. Bharath Kadam, Ms. Chandana KP, Ms. Prarthana Aithal, Ms. Sneha S, Mr. Shubham Jain from B.Tech EEE and Mr. Naveen S and Mr. Nirmal Kumar, Mr. Shoaib, Mr. Srinivas N from B.Tech ME & Ms. Lavanya Naik, Mr. Bikram Mondal, Mr. Achal Mukaty, Mr. Modali Krishna Sai & Mr. Srihari Krishna from B.Tech CSE Have been offered the role of IT Analyst, Associate developer, Computer and Information Research Manager & Sales Manager.

Mr. Muizz Rupani, student for B.Des (Product Design) Batch 2020 and Mr. Sahaj Prakash Rai, B.Tech EEE got placed in Byju's as Business Development Trainees. Ms. Sahana Nag, B.Tech ME got placed in Whitehat Jr. as a coding instructor.





#### Faculty of Management and Commerce

Samunnathi Financial Service Ltd. conducted campus recruitment drive on 18th Nov 2019. Mr. Chandan T. M from MBA Operation Management got selected for the position of Management Trainee

Muthoot Fincorp conducted campus recruitment drive on 21st Nov 2019. Mr. Varun from MBA Marketing, Ms. Sahana, Ms. Sampada G, and Ms. Janhvi from MBA Finance got selected for the position of Branch Manager

K12 Techno Service Pvt. Ltd conducted campus recruitment drive on 28th Nov 2019. Ms. Manasa, Mr. Premkumar from MBA Marketing Management got selected for the position of Marketing Executive. Mr. Saneesh and Mr. Ranjan from Operation Management got selected as Operation Executive

#### **National Placement**

Aditya Birla Retail conducted campus recruitment drive on 29th Nov 2019. Mr. Vishal K from MBA Marketing got selected as Retail Store Manager

Kotak Life Insurance conducted campus recruitment drive on 7th Dec 2019. Ms.

Tejashree M K from MBA Marketing got selected as Management Trainee

Jaro Education conducted campus recruitment drive on 26th Dec 2019. Mr. Sunith from MBA Marketing got selected as Trainee- Career Development Executive

Hunger Box conducted campus drive on 3rd Jan 2020. Ms. Tejashwini from MBA Marketing got selected as Business Development Executive

HDB Finance conducted campus drive on 22nd Jan 2020. Mr. S. R Manoj from MBA Finance got selected as Credit Manager

Amazon conducted campus drive on 4th Feb 2020. Mr. Ashutosh from MBA Marketing, Ms. Purva L from MBA HR, Ms. Aishwarya from MBA Finance, Ms. Anushree and Mr. Anil from M.Com Accounting and Taxation got selected as Senior Compliance Associate

Colive conducted campus drive on 5th Feb 2020. Ms. Shreya from MBA HR and Ms. Megha from MBA Finance got selected as Relationship Manager.

HCCB (Coca-Cola) conducted campus recruitment drive on 27th Feb, 2020. Ms. Tejashwini form MBA Marketing got selected as Business Development Manager.

Sobha Limited conducted campus recruitment drive on 11th March, 2020. Ms. Aishwarya from MBA Marketing got selected as Management Trainee Sales and Ms. Shivani J from MBA Marketing got selected as Guest Relation Executive.











#### **Faculty of Pharmacy**

SPI Global selected 4 students, Ms. Jyothi Lakshmi, Ms Vaishnavi B, Ms Moumita Mukherjee & Ms Ranjitha from M Pharmacy as Trainee Technical Analyst. The placement drive was held on 18th September 2019.

Vyuhgenics selected 6 students Ms. Nilofer Gerald Arakal, Ms. Nausheen Ahmed, Mr. Manoj Kumar S (M Pharm) Ms. Rachana R Pai, Ms. Swarana Mariam Jos and Mr. Challa VSS Revanth (Pharm D) as Research Associate. The placement drive was held on 4th October 2019.

Episource has selected 42 students, 15 from B Pharmacy, 12 from M Pharmacy & 15 from Pharm D as Medical Coder. The placement drive was held on 12th November 2019. The names of the selected students are: Mr. Sk. Md. Iqbal, Ms. Sofiya Rani, Ms. Yellanuru Rajeswari, Ms. Mahima Jain, Ms. Bindu M U, Ms. Yuva Shree K, Ms. Shivani S, Mr. Rohit Gandhi, Ms. Sheetal Shinde, Mr. Ravi Patil, Mr. Syed Sajjad Ali, Mr. Jiyaur Rehman, Ms. Shreya Banerjee, Mr. Abhijit Kumar Dalal, Ms. Sneha S Nagar, Ms. Sushma M, Ms. Sasi Priya S, Ms. Moumita Mukherjee, Mr. Vijaykumar S Vemali, Mr. Avinash Kumar, Ms. Soumali Chakraborty, Ms. Arushi Kumar, Ms. Sucharila Choudhury, Ms. Asma, Ms. Jeeva George, Ms. Pavithra Kumar, Ms. Bellapu Anusha, Ms. Gayathri P, Ms. Silpa Thomas, Ms. Elizabeth Neena, Ms. Mandepudi Alekhya, Ms. Anitha D, Ms. Swarna Mariam Jos, Ms. Sri Prathima K, Ms. Harika J, Ms. Spurthi Satish, Mr. Jeffin Vinoj, Mr. Chandrabhiroop MSV, Ms. Sreeja Nair, Mr. Vasista Sharma M, Ms. Nichitha B, Ms. Chaithra R.

Indegene selected 10 students, 6 from M Pharmacy and 4 from Pharm D as Junior Associate Scientific Writing. Ms. Aishwarya R, Ms. Bellapu Anusha, Mr. C V S Sai Revanth, Ms. Jeeva George, Ms. K Bhagya Sree, Mr. Manoj Kumar S, Ms. Nilofer Gerald Arakal, Mr. Shouvik Kumar Debnath, Ms. Silpa Ann Thomas & Ms. Vaishnavi are the students selected. The placement drive was held on 20th November 2019.

OG Healthcare selected 12 students - Ranjitha M, Sofiya Rani S, Spurthi Satish, Stephy T Chacko, Mahima L, Chandrabhiroop M, Elizabeth Neena M, Jeeva George, Lavena S Jain, Jada Harika, Chaithra R & Anitha D(M. Pharm 01, B Pharma 4 & Pharm D 07) as Medical Scribes. The placement drive was held on 19th December 2019 in Faculty of Pharmacy and final round was conducted at company campus on January 27th 2020.

#### **Faculty of Pharmacy**



#### Faculty of Hospitality Management & Cetering Technology

Oberoi Hotels & Resorts conducted placement drive on 10th September 2019 and selected 9 BHM students.

Reliance Retail Ltd selected 14 BHM students during the place drive held on 21st September 2019. CureFit Healthcare Pvt. Ltd has offered 9 BHM students position of Assistant Centre Manger during the placement drive on 3rd October 2019

Hunger Box has selected 27 BHM students during the placement drive on 10th October 2019 and offered them the position of Site Manager

Evolve Back Luxury Resorts has offered 3 BHM students the position of Management trainee/Hotel Operation Trainee during the drive on 21st October 2019

VAR conducted placement drive on 15th November 2019 and selected 22 BHM students as Trainee Executive

Sheraton Hotels & Resorts selected 4 BHM students as Hotel Operation.

# Annexure 12 Software List

## Faculty of Engineering and Technology

## Faculty of Engineering and Technology - Mechanical & Automotive Engineering

St. No.	Software
1	Abaqus Student Edition
2	Altair Hyperworks
3	Amesim
4	Ansys
5	Arena Simulation Software
6	Autodesk Suite
7	Axstream
8	Cambridge Material Selector
9	Capsmill
10	Capstrun
11	Casting Process Design
12	Catia-V6
13	Ls-Dyna
14	Minitab
15	Msc Adams
16	Msc Apex
17	Msc Nastran
18	Msc Patran
19	Msc Marc
20	Msc Dytran
21	Preactor
22	Qa Six Sigma Suite
23	Ricardo
24	Simio
25	Swansoft Cnc Simulation
26	Unigraphics-Nx
27	Machine Design Online
28	Bosch Esi For Kts

## Faculty of Engineering and Technology- Computer Science and Engineering

Sl. No.	Software
1	Android Adt
2	Android Studio
3	Apache + Php
4	Arm Ds-5
5	Bluestack
6	Dia

## Faculty of Engineering and Technology

7	Enterprise Java Tool Chain
8	Gnu Tool Chain + Openmp
9	Greenfoor Ide
10	Haskell Platform
11	Linux Kernel
12	Mplab Ide
13	Mysql
14	Netbeans Ide
15	Ns2 & Ns3 Simulators
16	Python Tools
17	Sagemath
18	Texmaker
19	Tomcat & Glassfish
20	Application Servers
21	Xenomai Kernel Patch

## Engineering and Technology- Electrical and Electronics Engineering

Sl. No.	Software
1	Advanced System Design (Ads)
2	Ansyscode Composer Studio
3	Arm Rvds
4	Metrowerks Code Warrior
5	Cadence University Bundle Analog & Digital Fe & Be
6	Empire 3d
7	Empro 3d Em Simulation
8	Flash Magic
9	Keil Mdk Arm
10	Madymo
11	Mplab Ide
12	Ní Labview, Ni Multisim
13	Pspice Student Edition
14	Tasm
15	Xilinx Vivado
16	Logicsim
17	Proteus
18	Emulator 8086
19	Robo Studio
20	Ansys Simplorer, Maxwell
21	Matlab
22	Comsol Multiphysics
23	Lumerical Lab Suite

## Faculty of Engineering and Technology

## Faculty of Engineering and Technology - Civil Engineering

Sl. No.	Software
1	Ansys
2	Autodesk Suite
3	Stadd Pro - Foundation Advanced, Global Design Code
4	Bentley Power Rebar
5	Ram Concept
6	Microstation + Power Draft
7	Bentley Navigator
8	Aecosim - Building Designer, Energy Simulator
9	Bentley Descartes
10	Bentley Map Enterprise
11	Bentley Pointools
12	Sewer Gems
13	Water Hydraulics Products
14	Storm Cad
15	Civil Storm
16	Hammer
17	Bentley - Mx Road Suite
18	Bentley - Power Civil For Country
19	Bentley - Max Surf Enterprise
20	Sacs Marine Enterprise
21	Sacs Offshore Structure Enterprise

## Faculty of Art and Design

Sl. No.	Software
1	Autodesk Sketchbook Pro
2	Autodesk Sketchbook Designer
3	Autodesk Autocad
4	Autodesk Alias Automotive
5	Autodesk Maya
6	Autodesk 3ds Max
7	Autodesk Showcase Professional
8	Autodesk Moundflow Insight Advanced
9	Autodesk 360
10	Corel Draw Suite
11	Corel Painter
12	Pinnacle Studio
13	Dfma

## Faculty of Management and Commerce and Faculty of Hospitality Management and Catering Technology

St. No.	Software
1	FORTUNE NEXT 6i PRO
2	Orell Language S/W
3	Microsoft Project
4	Erp Navigator
5	Ibm Spss
6	Tally
7	Minitab Statistical S/W
8	Ic Soft
9	Risk Pool
10	Tora

## Faculty of Dental Sciences

St. No.	Software
1	Dolphin Imaging Premium
2	Vista Scan & Practo
3	Cbct
4	3-Matic

## Faculty of Pharmacy

St. No.	Software
1	Turbo C
2	Ir Solutions Software
3	Euro Chrome Software
4	Pcp Disso V2 – Drug Release Kinetic Studies Software
5	Graph Pad Prism – Ver. 4.0 Software
6	Camag – Hptlc System – Switzerland (Thin Layer Chromatography –
	Wincat's Software)
7	Micro Image Lite – Olumpus
8	Biovis – Image Capture Software
9	Nivique Das System (Ecg, Bp, Tissue Contraction – Increased Use Of Drug)
10	Animal Simulator Pharmacology Package (Expharmapro + Excology)
11	Micromedex – Drug Information Software
12	Topcat - Drug Design - Auxiliary Software
13	Words Worth English Langauage
14	Schrodinger Suite
15	Nmaster2.0 SAMPLE SIZE SOFTWARE

16	Micromedex Clinic Knowledge Suite (Fph) Drug Information, Drug Interactions & Iv Compatibility, Poison Management Information Disease Management (General & Emergency) Solution Free Micromedex Apps
17	Gastro Plus, Drug-Drug Interaction Module, Optimization Module, Metabolism & Transporter Module, Pbpk Plus Module, Admet Module For Gastro (Indludes Physiochemical Property Modules Only), Additional Dosage Roots Module (Indludesl Two Of The Following Delivery Modules: Pulmonary, Ocular, Oral, Cavity Or Dermal), Iviv Cplus Module, Pk Plus Module
18	Systems Biology Suite With Pk-Sim And Mobi For Quantitative Systems Pharmacology With Mobi Toolbox Interface For Matlab (Technical Computing) And R (Statistical Computing)

#### General Software

Sl. No.	Software
1	Kaspersky End Point Security Select, For File Servers, Workstations,
	Desktops And Laptops With Centralized Management Console
2	Microsoft Office Suite
3	Microsoft Campus Agreement
4	Libsoft - Library S/W
5	Front Page
6	Juno Campus University Management Erp Software
7	Tally Multi User
8	Saral Pay Pack
9	Acc Pac
10	Turnitin - Anti Plagiarism
11	Alumni Management S/W
12	Time Attendance Mgmt Tool
13	Hropal Software (Salary Package) (Upto 2000 Employees)
14	Total Quality Assurance Software By Kahan Technologies Pvt Ltd

#### Special Equipment include

- Scanning Electron Microscope
- Tunnelling Microscope
- 3D Printers (ABS and Metal)
- ABB Robot
- Jet Engine Test Facility
- Aircrafts (2)
- Laser Trackers and CMMs for Reverse Engineering
- Universal Testing Machine with Insitu-Scanner and Camera Facility
- High Performance Thin Layer Chromatography (HPTLC)

- High Performance Liquid Chromatography (HPLC)
- Fourier Transform Infrared Spectrophotometer (FTIR)
- U V Visible Spectrophotometer
- Pilot Model Pharma Products Manufacturing
- Cone Beam Computed Tomography (CBCT)
- 1800°C Furnace
- Aircraft grade Composites Manufacturing Facility
- Clean Room (10000 grade)
- · Wind Tunnels-Subsonic and Supersonic
- CNC-Turning Centre, Machining Centre and Wirecut EDM



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