

# **Annual Report**

## **(For Year Ended 31<sup>st</sup> March 2018)**



**Ramaiah University of Applied Sciences**  
University House, New BEL Road, MSR Nagar, Bangalore – 560 054  
[www.msruas.ac.in](http://www.msruas.ac.in)

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## 1. Preamble

Ramaiah University of Applied Sciences (RUAS) is established as a private University established by “M. S. Ramaiah University of Applied Sciences Act No.15 of 2013” of Government of Karnataka. The University’s operations commenced from 30<sup>th</sup> December 2013 following the issue of Notification No. ED 103 UNE 2013. The University was formally inaugurated on 18<sup>th</sup> 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 School of Advanced Studies (1999), M.S. Ramaiah College of Hotel Management (1993), M.S. Ramaiah College of Pharmacy (1992), M.S. Ramaiah Dental College (1991) and the 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. This includes 7 Faculties comprising 33 Academic Departments and presently, the University offers 16 Academic and Doctoral level programmes and 67 Undergraduate and Postgraduate Programmes. The University has also established separate Directorates for imparting Training, Skills 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 (ICPM) programme and Directorate for Student Affairs.

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

## 2. Ramaiah University of Applied Sciences

### 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. M. S. 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 Memorial Hospital	2004
4.	International Medical School	2006
5.	Ramaiah Gokula Ayush Arogyadhama	2008
6.	Ramaiah Rehabilitation Centre	2012

7.	Ramaiah Institute of Neuro Sciences	2012
8.	Ramaiah Institute of Nursing Education and Research	1987
9.	Ramaiah Institute of Physiotherapy	1996
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 College of Law	1995
3.	Ramaiah Institute of Management Studies	1995
4.	Ramaiah Vidyanikethan	1994
5.	Ramaiah College of Education	2010
6.	Ramaiah College of Arts, Science and Commerce	1994
7.	Ramaiah Composite Junior College	1993
8.	Ramaiah Polytechnic	1997

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

The University Vision, Mission and Objectives are as stated below:

#### 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*



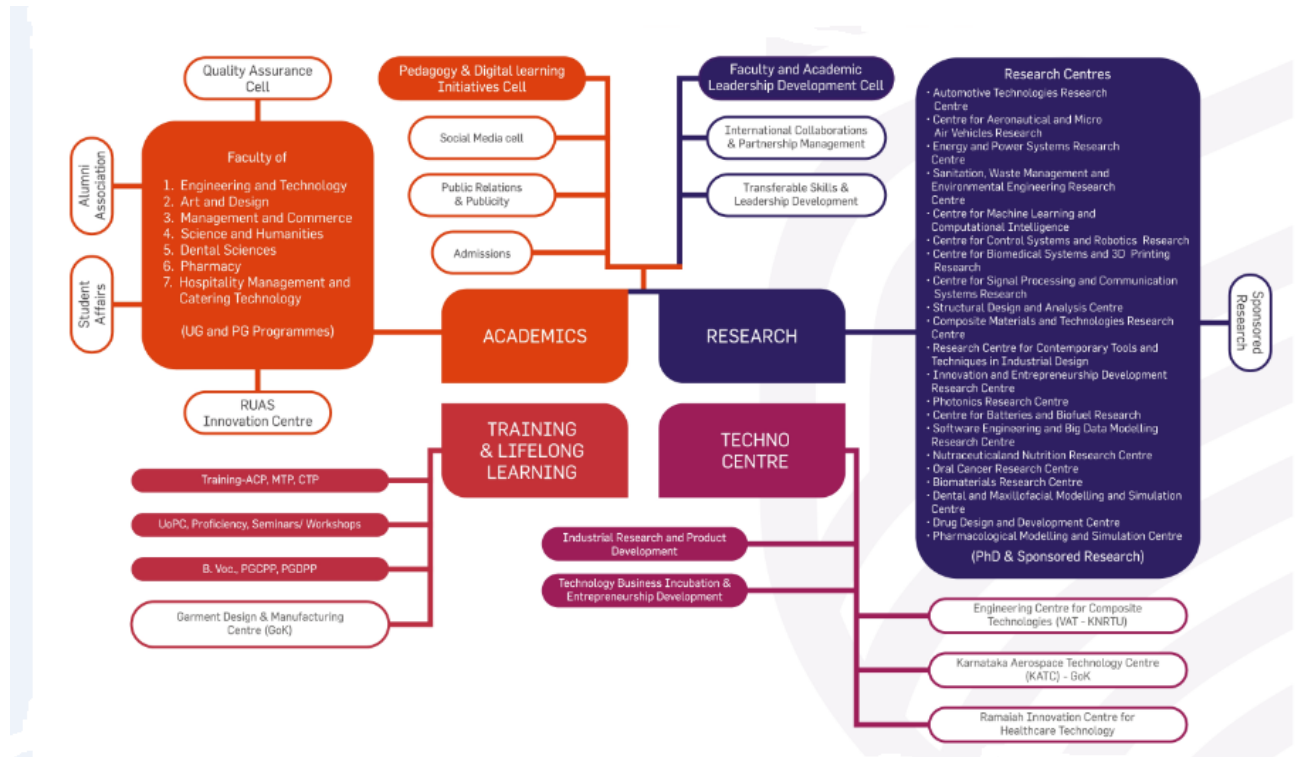
*inspire critical thinking, personal development and a passion for lifelong learning. We serve the technical, scientific and economic needs of our Society.*

## **Objectives**

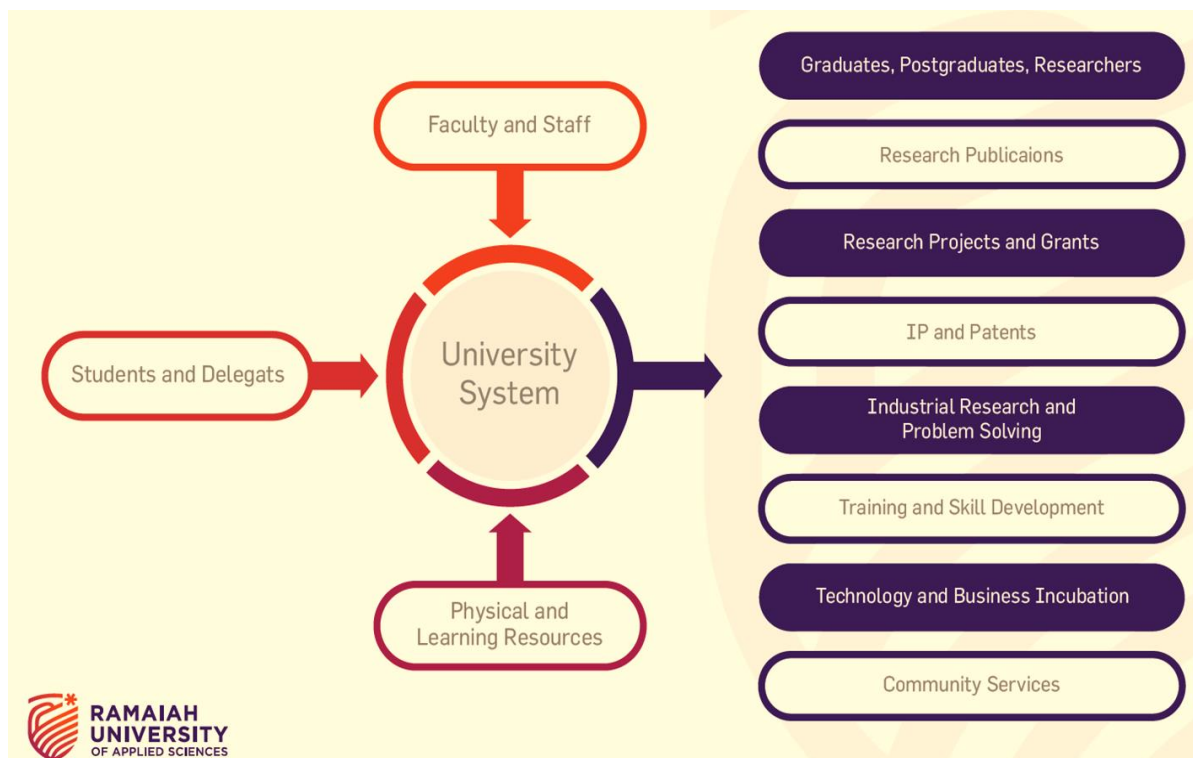
1. To disseminate knowledge and skills through instructions, teaching, training, seminars, workshops and symposia in Engineering and Technology, Art and Design, Management and Commerce, Health and Allied Sciences, Physical and Life Sciences, Arts, Humanities and Social Sciences to equip students and scholars to meet the needs of industries, business and society
2. 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 Logo





***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 four academic years and entered the fifth 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 sceptical 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



We have just completed four academic years, the second batch of postgraduates have left the portals of the University. It is not wrong to say that **Ramaiah University has pioneered Student Centric Outcome Based Education in India**. It was indeed a challenging task to familiarize the members of faculty, staff and students and to gain acceptance for **Student Centric Outcome Based Education** - a revolutionary, teaching & learning system. Initially, it was a daunting task to make faculty members unlearn older concepts and learn new concepts of teaching and assessing. Students, for a long time, kept comparing their efforts with their counterparts in other universities and often expressed difficulty in coping with the new system. However, without getting disheartened, we at the University persuaded the faculty members and students on the benefits of the new system often inspiring them with many motivational talks and helping them through training. All these efforts seem to have paid off when we saw a large number of blogs appearing in the digital media, written by our own students, analyzing the visible benefits they were deriving from this new method of teaching and learning with frequent comparisons to the learning experience of their peers studying in the best universities abroad.

With a sense of great satisfaction, I am pleased to report that the University has obtained 2(f) status from UGC, and has been ranked 90<sup>th</sup>, by NIRF-MHRD in 2016, in the Country. Recently, K-SURF (Karnataka State University Rating Framework) rated the University as a Four Star University and the best Innovation University in the State of Karnataka. In addition, leading educational and news magazines have ranked the University as the best emerging Research and Innovation University. QS I.GAUGE Indian University Rating awarded Ramaiah University of Applied Sciences with Diamond in Innovation and Overall a Gold University Rating.

There are more than 370 faculty members, of which more than 110 members hold Ph.D. degrees. We have a further 330 Technical and Administrative staff supporting the University's operations.

University Faculty members have, during the last academic year, published more than 325 research articles in Scopus indexed journals; organized more than 12 seminars and workshops; and filed for more than 25 patents. The Techno Centre has completed more than 60 consultancy projects for industry and businesses while the Research division has attracted reasonable amount of research funds. Our Directorate of Training and Lifelong Learning has trained more than 2000 delegates in various technology areas and in higher education practices. Faculty members and students have provided various community services like patient care and participated in our "Service to Society" programme completing a number of activities for the benefit of the communities spread

across the state. Our Technology Incubation and Entrepreneurship Cell is incubating more than 15 start-ups with fund support from Ministry of Small and Medium Enterprises. The University will have “Karnataka Aerospace Technology Centre” on its Campus in Peenya. It has setup Garment Design Centre with the funding from Karnataka Government and shortly it will be inaugurating “Incubation Centers” funded by GoI and GoK.

The University has entered into collaborative relationships with a number of universities from USA, UK, Russia and other European countries and a number of students and staff exchange programmes, with at least 25 students and staff members visiting an overseas University. More than 15 student Dream Teams have been promoted by the University for Students to take part in international competitions. One team is working on a Micro Satellite while another team is working on Electric Propulsion. Our students have won many national level competitions and hackathons. This year more than 350 students have completed M. Tech., M. Des., MBA, MHA, M. Com., M.Sc., M. Pharm., Degrees. At least 5 M.Tech. Projects have achieved the potential for being commercialized having worked in collaboration with industry and funds from TIFAC. A considerable number of these graduates have been placed in reputed organizations. The University has created 21 specialist Research Centers for research in contemporary areas of knowledge. More than 185 scholars are pursuing for their PhD. The Second convocation for PG students was held during the month of November 2017.

Equipped with state-of-the-art facilities in the laboratories, libraries and other resource centers the University has created the right environment to provide rich teaching, learning, research and real-life, problem-solving experience to its students as well as its faculty members. Many of the facilities created can be compared to what is available at some of the best universities across the globe.

I believe in the statement ***“The mind is not a vessel to be filled, but a fire to be kindled.”*** and we strive to ***“Ignite the Minds”*** for improving the life of the people of the World and India in particular by developing Global Citizens through our education system.

**Ramaiah University of Applied Sciences “Inspiring Applied Thinking”**

**Prof. S.R. Shankapal**

**Vice Chancellor**

## UGC Approved 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](http://www.ugc.ac.in)

12 7 JUL 2016

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

ज्ञान-विज्ञान विमुक्तये

No.F.8-22/2013 (CPP-1/PU) Speed Post July, 2016

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

21 JUL 2016

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 Mahajan)  
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.

The Board of Governors are:

Sl. No.	Name	Designation	Appointed By
1	Dr. M.R. Jayaram	Chairperson	Sponsoring Body
2	Mr. M.R. Kodandaram	Member	Sponsoring Body
3	Mrs. M.R. Prabhavathy	Member	Sponsoring Body
4	Principal Secretary , Higher Education, Government of Karnataka	Member	Government of Karnataka
5	Principal Secretary, Health and Family, Welfare Department (Medical Education) Government of Karnataka	Member	Government of Karnataka
6	Dr. K.R.S. Murthy, Former Director, Indian Institute of Management, Bangalore	Member	Government of Karnataka
7	To be nominated	Member	University Grants Commission (UGC)
8	Dr. Y.S. Rajan – Honorary Distinguished Professor, Indian Space Research Organisation	Member	Chancellor
9	Dr. R. Natarajan, Former Director, Indian Institute of Technology, Chennai, Former Chairman, All India Council for Technical Education	Member	Chancellor
10	Prof. S.R. Shankapal, Vice Chancellor	Member	Chancellor
11	Prof. Govind R. Kadambi Pro Vice Chancellor, Science & Engineering	Member	Chancellor
12	Mr. N.C. Shekar Registrar & CFO	Member - Secretary	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.	Name	Designation	Membership	Appointed By
1	Prof. S.R. Shankapal	Vice Chancellor	Chairperson	Chancellor
2	Dr. D.V. Guruprasad	Chief Executive, GEF(M)	Member	Sponsoring Body
3	Mr. B.N. Subramanya	Advisor, GEF (M)	Member	Sponsoring Body
4	Prof. Govind R. Kadambi	Pro Vice Chancellor	Member	Chancellor
5	Mr. N.C. Shekar	Registrar & CFO	Member - Secretary	Chancellor
6	Dr K. Pushpanjali	Academic Registrar	Member	Chancellor
7	Dr. Arulanantham	Dean-FET	Member	Vice Chancellor
8	Dr. B.V. Sreenivasa Murthy	Dean-FDS	Member	Vice Chancellor
9	Dr. V. Madhavan	Dean – FPH	Member	Vice Chancellor
10	Prof. Abby Mathew	Dean – FHMCT	Member	Vice Chancellor
11	Dr. H.S Srivatsa	Assoc. Dean – FMC	Member	Vice Chancellor
12	Dr. Deepak A. S.	Dean – FMPS	Member	Vice Chancellor
13	Mr. Lohith H.S	Assoc. Dean – FAD	Member	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	Membership
1	Prof. S. R. Shankapal	Vice Chancellor	<a href="mailto:vc@msruas.ac.in">vc@msruas.ac.in</a>	Chairperson
2	Dr. Govind R. Kadambi	Pro Vice Chancellor (Research)	<a href="mailto:pvc.research@msruas.ac.in">pvc.research@msruas.ac.in</a>	Member
3	Mr. N. C. Shekar	Registrar & CFO	<a href="mailto:registrar@msruas.ac.in">registrar@msruas.ac.in</a>	Member
4	Dr. K. Pushpanjali	Academic Registrar	<a href="mailto:registrar.acad@msruas.ac.in">registrar.acad@msruas.ac.in</a>	Member-Secretary
5	Dr. Arulanantham	Dean – FET	<a href="mailto:dean.et@msruas.ac.in">dean.et@msruas.ac.in</a>	Member
6	Dr. B. V. Sreenivasa Murthy	Dean- FDS	<a href="mailto:dean.ds@msruas.ac.in">dean.ds@msruas.ac.in</a>	Member
7	Mr. H. S. Lohit	Assoc. Dean – FAD	<a href="mailto:lohiths.id.ad@msruas.ac.in">lohiths.id.ad@msruas.ac.in</a>	Member
8	Dr. V. Madhavan	Dean – FPH	<a href="mailto:madhavan.pc.ph@msruas.ac.in">madhavan.pc.ph@msruas.ac.in</a>	Member
9	Prof. Abby Mathew	Dean – FHMCT	<a href="mailto:dean.hc@msruas.ac.in">dean.hc@msruas.ac.in</a>	Member
10	Dr. H. S. Srivatsa	Assoc. Dean- FMC	<a href="mailto:dean.mc@msruas.ac.in">dean.mc@msruas.ac.in</a>	Member
11	Dr. Deepak. A. S	Dean – FMPS	<a href="mailto:dean.mp@msruas.ac.in">dean.mp@msruas.ac.in</a>	Member
12	Prof. Eugene Lai	NTU- UK	<a href="mailto:eugene.lai@ntu.ac.uk">eugene.lai@ntu.ac.uk</a>	Member
13	Dr. Salma Khanam	Al- Ameen College of Pharmacy – Bangalore	<a href="mailto:skhanam125@gmail.com">skhanam125@gmail.com</a>	Member
14	Prof. K.K. Chowdhary	ISD- Bangalore	<a href="mailto:kkc@isibang.ac.in">kkc@isibang.ac.in</a>	Member
15	Dr. K. Krishnaraj	Himalaya Drug Company	<a href="mailto:drkrishnaraj@himalayawellness.com">drkrishnaraj@himalayawellness.com</a>	Member

16	Dr. S. H. Srinivasan	Amazon - Bangalore	<a href="mailto:srisrshs@yahoo.com">srisrshs@yahoo.com</a>	Member
17	Mr. Baskaran R.	Bosch Ltd- Bangalore	<a href="mailto:baskaran.r@in.bosch.com">baskaran.r@in.bosch.com</a>	Member
18	Dr. Gurmail Singh	NTU - UK	<a href="mailto:gurmail.singh@msruas.ac.in">gurmail.singh@msruas.ac.in</a>	Member
19	Prof. H. L. Bhat	IISC- Bangalore	<a href="mailto:hlbhat@physics.iisc.ernet.in">hlbhat@physics.iisc.ernet.in</a>	Member
20	Prof. Mythily Ramaswamy	Tata Institute of Fundamental Research. Centre for Applicable Mathematics	<a href="mailto:mythily@math.tifrbng.res.in">mythily@math.tifrbng.res.in</a>	Member
21	Prof. Ravi Shankar	R V Vidyanikethan Department of Electronics and Communication Engineering.	<a href="mailto:ravishankars@rvce.edu.in">ravishankars@rvce.edu.in</a>	Member
22	Dr. Jayakar Shetty	Maruthi Dental College - Bangalore	<a href="mailto:sheettyjayakar@gmail.com">sheettyjayakar@gmail.com</a>	Member
23	Dr. S. Ramesh	Faculty of Commerce & Management (PG) Mount Carmel College	<a href="mailto:dr.ramesh06@gmail.com">dr.ramesh06@gmail.com</a>	Member
24	Dr. Yathindar L	National Institute of Fashion Technology Associate Professor - Bangalore	<a href="mailto:thinkyatin@hotmail.com">thinkyatin@hotmail.com</a>	Member

## Board of Studies

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 responsibility 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. S. R. Shankapal	Vice Chancellor	Chancellor
2	Prof. Govind R. Kadambi	Pro Vice Chancellor – Research	Member-Secretary
3	Mr. N. C. Shekar	Registrar & CFO	Member
4	Dr. Pushpanjali. K.	Academic Registrar	Member
5	Dr. Arulanantham	Dean – FET	Member
6	Dr. B. V. Sreenivasa Murthy	Dean – FDS	Member
7	Dr. V. Madhavan	Dean – FPH	Member
8	Prof. B. N. Raghunandan	Retd. Scientist, IISC - Bangalore	Member
9	Prof. V. Prakash	Formerly Distinguished Scientist, CSIR-India	Member
10	Prof. A. Anantharaman	Visiting Professor, Harvard Business School - Strategy & General Management	Member
11	Dr. N. Venkateswaran	Head - Competency Development, ABB India Pvt. Ltd.	Member
12	Dr. S. Srinivasa Rao	CVRDE – Chennai	Member
13	Dr. M. S. Muthumurugan	Sri Ramachandra University, Porur – Chennai	Member
14	Dr. T. Thangamariappan	Biocon Bristol Myers Squibb R & D Centre, Bangalore	Member
15	Dr. K. M. Sharath Kumar	Deputy Director – Sponsored 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.No	Name	Designation	Membership
1	Prof. S. R. Shankapal	Vice Chancellor	Chairperson
2	Mr. N. C. Shekar	Registrar & CFO	Member
3	Mr. Arup Bhattacharya	Director- DTLL	Member-Secretary
4	Dr. Pushpanjali. K.	Academic Registrar	Member
5	Dr. Arulanatham	Dean – FET	Member
6	Dr. B. V. Sreenivasa Murthy	Dean – FDS	Member
7	Dr. V. Madhavan	Dean – FPH	Member
8	Prof. Abby Mathew	Dean- FHMCT	Member
9	Mr. H. S. Lohith	Assoc. Dean- FAD	Member
10	Dr. H. S. Srivatsa	Assoc. Dean- FMC	Member
11	Prof. Deepak A. S.	Dean- FMPS	Member
12	Mr. Jyothi Shankar	Director- TSLD	Member
13	Mr. N. Parthasarathi	Secretary General, chamber of Industry and Commerce, Bangalore	Member
14	Mr. J. Manjunath, IAS, Commissioner	Department of Employment and Training, Govt. of Karnataka	Member

15	Dr. Nagalakshmi Rao	Special officer, Skills Development, Department of Collegiate Education, Govt. of Karnataka	Member
16	Dr. Rajkumar Alle	Karnataka State Dental Council	Member
17	Mr. Hareesh Hegde	Former President, Peenya Industries Association, KASSIA	Member
18	Mrs. Latha Girish	Former President, Peenya Industries Association	Member
19	CA Vishnu Moorthi	Sr. Partner, Vishnu Daya & Co, Chartered Accountants	Member
20	Mr. Murali Krishnan	Director, HR & Business dev, Taj West End	Member
21	Mrs. Uma Reddy	Former president CLIK	Member
22	Mr. Madhusudhan	Gen Manager, Methods and Plant Engineering, Ace Designers.	Member
23	Mr. Jays Chandy	HR consultant	Member
24	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.	Name	Designation by	Designation	Appointed By
1	Dr. D.V. Guruprasad	Chief Executive, GEF (M)	Chairperson	Sponsoring Body
2	Prof. S.R. Shankapal	Vice Chancellor	Member	Chancellor
3	CA. B.N. Subramanya	Financial Advisor, GEF (M)	Member	Sponsoring Body
4	Mr. Venugopala Sastry	CFO, GEF (M)	Member	Sponsoring Body
5	Mr. N.C. Shekar	Registrar & CFO	Member	Chancellor

### 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:

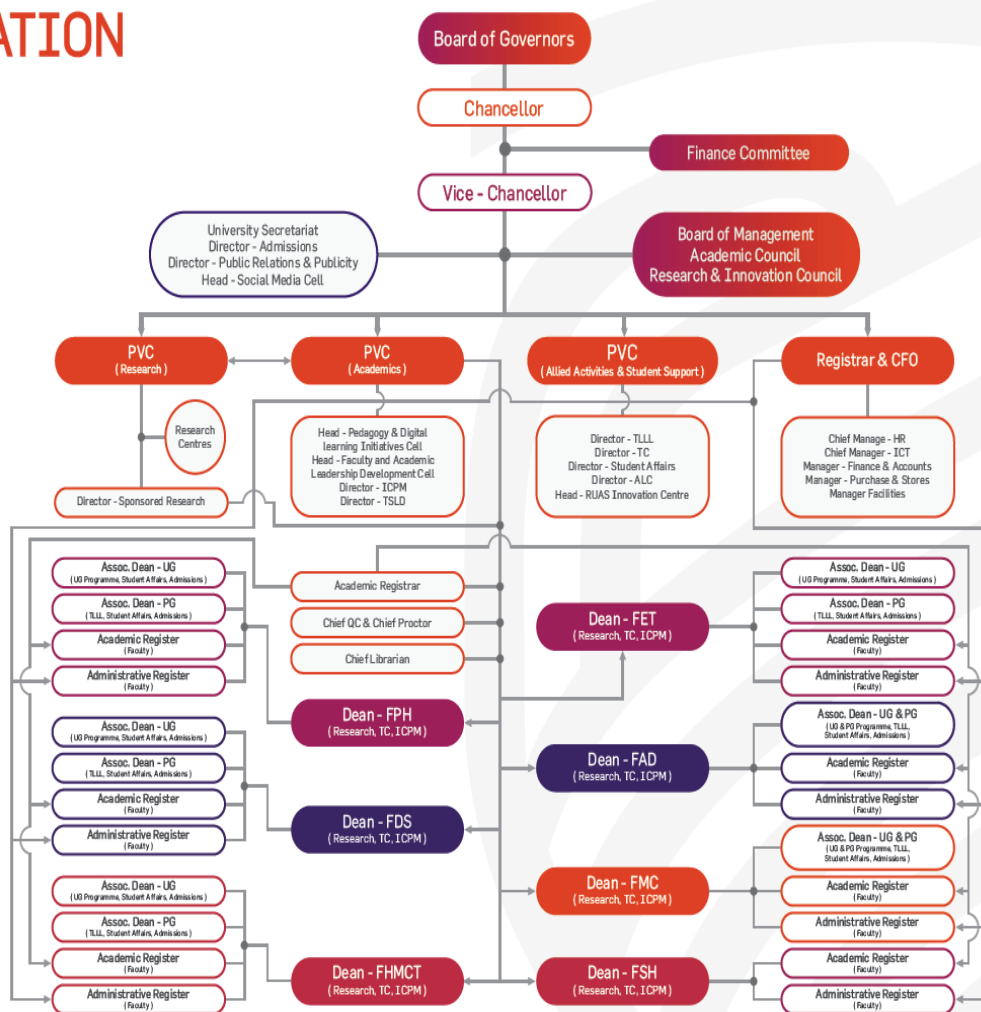
1. Justice (Retd.) S. R. Venkatesh Murthy
2. CA Jairam E.S.
3. Principal Secretary, Higher Education Department, Govt. of Karnataka
4. Principal Secretary, Medical Education, Govt. of Karnataka
5. Dr. S.R. Shankapal, Vice Chancellor, MSRUAS
6. Dr. Pushpanjali K, Academic Registrar, MSRUAS
7. CA. N.C. Shekar, Registrar & CFO, MSRUAS



## Organization Chart

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

# ORGANISATION CHART



**Chancellor**



**Vice Chancellor**



**Pro-Vice-Chancellor**



**Registrar**



**Academic Registrar**

















## 4. 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 7 Faculties offering various UG, PG and Doctoral Programmes

Sl. No.	Faculty	Faculty Logo	Faculty Dean / Associate Dean
1	Faculty of Engineering and Technology(FET)		Dr.Arulanantham 
2	Faculty of Art and Design (FAD)		Mr. H. S. Lohit 
3	Faculty of Management and Commerce(FMC)		Dr. H. S. Srivatsa 
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 
7	Faculty Of Hospitality Management And Catering Technology(FHMCT)		Prof. Abby Mathew 

## 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	Directorate Logo	Director/Chief/GM
1	Admissions		Dr. J. P. PrasannaKumar <b>Director</b> 
2	Student Affairs		Mr. Arup Bhattacharya <b>Director</b> 
3	Training and Lifelong Learning (DTLL)		Mr. Arup Bhattacharya <b>Director</b> 
4	Sponsored Research (DSR)		Dr. Sharath Kumar <b>Deputy Director</b> 
5	Transferable Skills and Leadership Development (DTSLD)		Mr. Jyothi Shankar <b>Director</b> 
6	Techno Centre		Mr. Madan J <b>General Manager</b> 
7	International Collaborations & Partnership Management		Prof. S. R. Shankapal <b>Director</b> 
8	Dental Hospital		Dr. Prakashchandra <b>Director</b> 
9	Public Relations and Publicity		Mr. Gautham U. G. <b>Deputy Director</b> 

## Academic Departments of the University

There are 33 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
1	FET	Automotive and Aeronautical Engineering
		Civil engineering
		Computer Science and Engineering
		Electrical Engineering
		Electronics and Communication Engineering
		Mechanical and Manufacturing Engineering
2	FAD	Industrial Design
		Fashion Design
3	FMC	Management Studies
		Commerce
		Hospital Administration
		Management Studies - Hospitality
4	FHMCT	Food & Beverage Service
		Front Office
		Food and Beverage Production
		Housekeeping
5	FPH	Pharmacognosy
		Pharmaceutical Chemistry
		Pharmaceutics
		Pharmacology
		Pharmacy Practice
6	FDS	Oral Medicine and Radiology
		Periodontics
		Oral & Maxillofacial Surgery
		Conservative Dentistry and Endodontics
		Orthodontics
		Oral Pathology and Microbiology

		Public Health Dentistry
		Pedodontics and Preventive Dentistry
		Prosthodontics
7	FMPS	Physics
		Chemistry
		Mathematics

#### Other Departments/ Cells of University

Sl.No	Centre of the University	Head/Chief
1	Human Resource Department	Mr. Arup Bhattacharya Chief Manager - HR & Staff Welfare
2	Accounts Department	Mr. S. Shanthamurthy Manager
3	RUAS Innovation Centre	Dr. C. Narendra Babu Head
4	University Secretariat	Ms. Madhu B. K. Manager
5	University Data Centre	Mr. Goutham Nagaraja Manager
6	ICT Department	Mr. T. R. Nagesh Chief Manager - ICT
7	Library	Mr. Ravichandra S Chief Librarian
8	Sports	Mr. Kumar G. M. Manager-Sports (Peenya Campus) Mr. Dayananda D. B. Manager-Sports (Gnanagangothri Campus)
9	Alumni Council	Mr. H.S. Srikishen 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	Mr. Madan . J General Manager
5	Social Media Cell	Mr. Pavan S. Yadav

### Quality Assurance Cell

#### The Objectives of the Cell are:

1. Implement and monitor Academic Quality Control Processes among the faculties
2. Study progressive educational processes being practiced elsewhere and recommend effective teaching and learning practices for adoption by the University
3. Study the trend of educational technologies for effective teaching and learning and recommend the adoption of such technologies by the University

#### Roles and Responsibilities of Quality Assurance Cell

1. Collect Student Feedback forms, Analyze Student Feedbacks and create consolidated report
2. Collect Faculty Feedback forms, Analyze Faculty Feedback and create consolidated report
3. Submit the consolidated report of student feedback and faculty feedback to the Dean of the respective Faculty to initiate corrective actions
4. Present the consolidated reports during Staff-Student Consultative Committee meetings, SAB, PAB and Academic Staff Performance Appraisal Committee meeting
5. Collect Student Exit Feedback, prepare consolidated report and present the same during the meetings of University Performance Review Committee and Academic Programme Planning and Review Committee
6. Act as the Chair of Programme Quality Assessment Committee
7. Report the findings of Programme Quality Assessment Committee to the University Performance Review Committee on annual basis

## Functions of the Cell

### 1. Student Feedback

- a. Semester Scheme
  - i. Students' feedback is obtained twice a semester. Once during the mid of the semester and other at the end of the semester
  - ii. The Academic Registrar (Faculty) and Manager-Programme Operations are responsible for obtaining the feedback from students and handover the feedback forms to the office of the Head Quality Control (Academics).
- b. Modular Scheme
  - i. Students' feedback is obtained at the end of teaching of each module.
  - ii. The Academic Registrar (Faculty) and Manager-Programme Operations are responsible for obtaining the feedback from students and handover the feedback forms to the office of the Head Quality Control (Academics)

### 2. Student Feedback Analysis Reports

- a. The feedback analysis report is prepared by Head Quality Control (Academics).
- b. The midterm/modules student feedback analysis report should be made available to the Dean of the faculty at the time of Staff-student consultative committee meeting to initiate corrective action if any
- c. The complete semester/modules student feedback report should be made available during SAB and PAB to initiate corrective action if any
- d. The student feedback analysis report should also be sent to Chief – Quality Control (Academics) to present the same during University Performance Review Committee meeting

### 3. Faculty Feedback

- a. The Academic Registrar (Faculty) and Manager-Programme Operations are responsible for obtaining the feedback from faculty members and handover the feedback forms to the office of the Head Quality Control (Academics).
- b. Faculty members who teach a particular subject/module are required to fill a Faculty Feedback form to know what difficulties they faced while delivering a subject/module and about the students they taught.

### 4. Faculty Feedback Analysis Reports

- a. The Head Quality Control (Academics) analyses the feedback and prepares an analysis report and makes it available during staff student consultative committee meeting, SAB and PAB as well as during the faculty appraisal to initiate corrective action if any by the Faculty Dean.

- b. The faculty feedback analysis report should also be sent to Chief – Quality Control (Academics) to present the same during University Performance Review Committee meeting

## 5. Student Exit Feedback

- a. Graduates are required to fill the exit feedback form at the end of the course and hand over it to the Manager – Examination and Assessment

## 6. Student Exit Feedback Analysis Reports

- a. The Head Quality Control (Academics) prepares an analysis report and submits it to the Chief - Quality Assurance Cell
- b. The Chief – Quality Assurance Cell should present these reports during University Performance Review Committee meeting and also during Academic Programme and Planning Review Committee meetings for appropriate actions

### **Programme Quality Assessment Committee**

1. The committee assesses the quality index of all Faculties, Departments, Programmes, Courses offered considering teaching, learning, student experience, brand value and value for money.
2. The committee obtains feedback from Students, Academic Faculty and Non-Academic Faculty, Parents of the Students, Alumni and Employers of the Students at the end of each academic year. The feedback data is entered into a quality index computing software for the determination of quality index .
3. The committee members are Head QCs of all Faculties and Chief QC is the chair of the committee, one of the Head QCs will act as secretary of the committee on a rotation basis. Other members of the committee are nominated by the respective Deans from each department or Faculty on an annual basis.
4. The committee submits the report to University Performance Review Committee for action.

### **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 16 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.)
		Master of Technology (M. Tech.)
2	FAD	Bachelor of Design (B. Des.)
		Master of Design (M. Des.)
3	FMC	Master of Business Administration (MBA)
		Master of Commerce (M. Com.)
		Master of Hospital Administration (MHA)
4	FHMCT	Bachelor of Hotel Management (BHM)
		MBA in Hospitality Management (MBA-HM)
5	FPH	Bachelor of Pharmacy (B. Pharm.)
		Doctor of Pharmacy (Pharm. D.)
		Master of Pharmacy (M. Pharm.)
6	FDS	Bachelor of Dental Surgery (B.D.S.)
		Master of Dental Surgery (M.D.S.)
7	FMPS	Master of Science (M. Sc.)
Doctoral Programme leading to Ph. D. degree		All Faculties offer Doctoral Programme

#### New UG Programmes Proposed for the year 2018- 19

Sl. No.	Faculty	Programmes Proposed
1	FMC	B.Com(Hons) - Accounting & Finance BBA B.Sc.(Hons)-Physics, Chemistry, Mathematics & Statistics/Electronics/Computer Science
2	FLAHS	B.Sc.(Hons)- Biotechnology B.Sc.(Hons)- Food Processing and Technology B.Sc.(Hons)- Dialysis Therapy Technology B.Sc.(Hons)- Medical Radiology and Imaging Technology B.Sc.(Hons)- Operation Theatre Technology

## Programmes, Courses and Student Intake

The following table describes the student intake and actual admissions 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	90
		Computer Science and Engineering	150
		Electrical and Electronics Engineering	90
		Electronic and Communication Engineering	120
		Mechanical Engineering	120
	M.Tech	Automotive Engineering	24
		Automotive Product Design	24
		Automotive powertrain Design	24
		Turbo Machinery Design	18
		Aircraft Design	18
		Advanced machinery Design	24
		Advanced Manufacturing management	24
		Engineering & Manufacturing Management	24
		Civil Structural Design	24
		Construction Engineering & Management	18
		Electrical Machinery Design	18
		Sensors & Control System	18
		Biomedical Engineering	18
		Electronic System Design Engineering	18
		Digital Signal & Image Processing	18
		Signal Processing and Communication Technologies	18
		VLSI System Design	24

		Computer Science & Networking	24
		Real Time Embedded system	24
		Automotive Electronics	18
		Sanitation Engineering & Waste Management	18
		Transportation Engineering	18
		Robotics Engineering	18
		Machine learning & Intelligent Systems	18
Art and Design	B.Des.	Product Design	120
	M.Des.	Product Design	24
Management and Commerce Hospitality and Catering Technology	MBA	Marketing Management	150
		Human Resources Management	
		Financial Management	
		Operations Management	
		Small Business and Entrepreneurship	
		Innovation and Entrepreneurship	
	MHA	Masters in Hospital Administration	30
	M.Com.	Accounting and Taxation	30
		Banking and Finance	
	MBA(HM)	Hospitality Management	30
	MBA(Pharmacy)	MBA in Pharma Business Management	30
Pharmacy	B.Pharm.	Bachelor of Pharmacy	100
	Pharm.D	Doctor of Pharmacy	30
	M.Pharm	Pharmacognosy	15
		Pharmaceutical Chemistry	15
		Pharmaceutics	15
		Pharmacology	15
		Pharmacy Practice	09
Dental Sciences	B.D.S	Bachelor of Dental Surgery	60
	M.D.S	Orthodontics & Dentofacial Orthopedics	5
		Conservative dentistry & Endodontics	5
		Prosthodontics, crown and Bridge	5

		Pedodontics and Preventive Dentistry	6
		Oral & Maxillofacial Surgery	6
		Oral Medicine & Radiology	3
		Public Health Dentistry	2
		Oral Pathology and Microbiology	3
		Periodontics	5
Mathematical and Physical Sciences	M.Sc.	Mathematics	30
		Chemistry	30
		Physics	30
Doctoral Programme	Ph.D	All Faculties	Depending on Number of Guides Available in the University

## Student Admission Details (2017-18 batch)

### UG Programme Student Intake and Admitted List

Faculty	Programme	Intake	Admitted
Engineering and Technology	Bachelor of Technology (B. Tech.)	690	660
Art and Design	Bachelor of Design (B. Des.)	120	64
Pharmacy	Bachelor of Pharmacy (B. Pharm.)	100	66
	Doctor of Pharmacy (Pharm. D.)	30	30
	<b>Total</b>	<b>130</b>	<b>96</b>
Dental Sciences	Bachelor of Dental Surgery (BDS)	60	60
Hospitality Management & Catering Technology	Bachelor of Hotel Management (BHM)	150	128
<b>Total (Excluding B.Tech. Lateral Entry)</b>		<b>1150</b>	<b>1008</b>

### PG Programme Student Intake and Admitted List

Faculty	Programme	Intake	Admitted
Engineering and Technology	Master of Technology (M .Tech.)	492	162
Art and Design	Master of Design (M. Des.)	24	9
Pharmacy	Master of Pharmacy (M. Pharm.)	69	24
	MBA in Pharma Business Management	30	04
	<b>Total</b>	<b>99</b>	<b>28</b>
Dental Sciences	Master of Dental Surgery	40	32
Management and Commerce	Master of Business Administration (MBA)	120	91
	Master of Hospital Administration (MHA)	30	21
	Master of Commerce (M. Com.)	30	12
	<b>Total</b>	<b>180</b>	<b>124</b>
Mathematical and Physical Sciences	Master of Science (M. Sc.)	90	23
Hospitality Management & Catering Technology	Master of Business Administration (Hospitality Management) -MBA (HM)	30	06
<b>Total</b>		<b>955</b>	<b>384</b>

### 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. So far 21 students are pursuing their PG courses under this initiative.

### Annual Calendar

#### UG Programme

The Annual Calendar for the UG Programme for 2017 -18 batch is given in **Annexure 3**

#### PG Programme

The Annual Calendar for the PG Programme for 2017 -18 batch is given in **Annexure 4**

### Programme Time Table

#### UG Programme

The time tables for various UG programmes is given in **Annexure 5**

#### PG Programme

The time tables for various PG programmes is given in **Annexure 6**

## 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

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

Any other matter with the permission of the Chair.

**Details of the Staff Student Consultative Committee Meetings held for UG and PG programmes:**

Date	Faculty	Programme	Venue
9 <sup>th</sup> June 2017 (Friday)	FPH	M.Pharm.	FPH Seminar Hall
21st June'2017 (Wednesday)	FSH	M.Sc	Peenya Campus, A206
	FAD	M.Des	
	FMC/FHMCT	MBA, MBA(HM), MHA	
	FET	M.Tech	
21st Aug' 2017 (Monday)	FDS	BDS, MDS	FDS Auditorium
26th Oct'2017 (Thursday)	FAD	B.Des. PD B.Des. VC	Peenya Campus, A206
	FET	B.Tech. (all disciplines)	
27th Oct'2017 (Friday)	FPH	B.Pharm. Pharm.D.	FPH Seminar Hall
	FHMCT	BHM	FHMCT Seminar Hall
18 <sup>th</sup> Dec'17 (Monday)	FPH	M.Pharm	FPH Seminar Hall
22 <sup>nd</sup> Dec'17(Friday)	FAD	M.Des	Peenya Campus, A206
	FMPS	M.Sc	
	FET	M.Tech	
	FMC/FHMCT	MBA, MBA(HM), MHA	
23 <sup>rd</sup> Jan'18 (Tuesday)	FDS	BDS	FDS Auditorium
16 <sup>th</sup> Feb'18 (Friday)	FDS	MDS	FDS Auditorium
22 <sup>nd</sup> March 2018 (Thursday)	FAD	B.Des. PD B.Des. FD B.Des. VC	Peenya Campus, A206
	FET	B.Tech. (all disciplines)	
23 <sup>rd</sup> March 2018 (Friday)	FPH	B.Pharm. Pharm.D.	FPH Seminar Hall
	FHMCT	BHM	FHMCT Seminar Hall

A sample of the Minutes of Meeting is attached in **Annexure 7**



## 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 8**

#### 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 9**

#### Overall summary of Feedback

Overall summary of the feedbacks for the year 2017-18 is attached as **Annexure 10**

#### 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 2017-18.

## UG Programme

Dates of the SAB meeting held for UG programmes

Programmes	Date
BHM and B. Pharm	15 <sup>th</sup> June 2017
B. Tech and B. Des	16 <sup>th</sup> June 2017
BDS	27 <sup>th</sup> July 2017
B. Tech and B. Des	6 <sup>th</sup> February 2018
BHM and B. Pharm	7 <sup>th</sup> February 2018

## PG Programme

Date of the SAB meeting held for PG programmes

Programmes	Date
M. Tech and M. Design	9th October 2017
M. Pharm, M. Sc, MBA, M.Com, MHA and MBA (HM)	10th October 2017
M. Tech, M. Design, M. Sc, MBA, M.Com and MHA	27th March 2018
M. Pharm and MBA (HM)	28th March 2018

## 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 2017-18.

## Student Performance

Overall Student Performance UG and PG that were discussed in PAB for the year 2017-18 is as shown in **Annexure 11**

## 5. Research

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

### Doctoral Programmes

Research Scholars can opt for the Doctoral Programme leading to the Ph.D. degree either through the full time or part time route. Doctoral Programmes are offered by the:

Faculty of Engineering and Technology
Faculty of Art and Design
Faculty of Management and Commerce
Faculty of Mathematical and Physical Sciences
Faculty of Pharmacy
Faculty of Dental Sciences
Faculty of Hospitality Management & Catering Technology

The aims of Doctoral Research Programmes are

1. 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 problem-solving
3. 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

1. 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

### Research Themes

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

Energy and Environment; Biomaterials, Tissue Engineering and Implants; Robotics and Automation; Signal and Image Processing; Control Engineering; Materials Engineering; Biomedical Engineering and Biomechanics; Engineering Design and Rural Products Design; Fluid Dynamics and Aerodynamics; Automotive Technologies; Micro Air Vehicles; Manufacturing Technologies; Optoelectronics; Human Computer Interactions; Electric Motors, Drives and Electromagnetics; Sensors and Micro Electro Mechanical System; Microelectronics and CMOS Technology; Graphene and Carbon Nanotechnology; Graphics and Visualization; Software Engineering and ICT Networks and Distributed Systems; Plasma and Lasers; Construction Engineering and Management; Life Sciences And Biotechnology; Cardiology; Special Care Dentistry; Oral Rehabilitation; Oral Immunology and Microbiology; Controlled Drug Delivery; Targeted Drug Delivery; Non – Invasive Drug Delivery; Polymer Science; Extraction, Isolation and Standardization Of PhytoConstituents; Discovery And Optimization Of Active Lead Molecules; Active Pharmaceutical Ingredient(API); Pharmacological Screening and Toxic Studies.

### Research Scholars and Broad Areas of Research

The Details of research scholars and their broad areas of research is as shown in **Annexure 12**

### 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 90 funded research projects and have filed more than 50 patents.

### Sponsored Research Projects Undertaken

Proposals Completed:

Sl. No.	Name of Project	Sponsoring Agency	Faculty	Principal Investigator	Other Investigators
1	Vision Based Auto Pilot System for Indoor Navigation	AR&DB	FET	Prof. S. R. Shankapal	Prof. Govind R. Kadambi Mr. B. Nagaraja
2	Development of Multifunctional Agricultural Robot	Collaborative Research Between MSRUAS and GoK (University of Agricultural Sciences)	FET	Prof. S. R. Shankapal	Mr. B. U. Balappa Mr. Monish Gowda Mr. B. Nagaraja Mr. S. N. Nagananda Dr. A.C. Lokesh
3	Analysis of Compressor Combustor Flow Interactions	AR&DB	FET	Dr. A. T. Sriram	Prof. Q. H. Nagpurwala Mr. Subbaramu S.
4	Mica Glass Ceramic Composite for Dental Restorative Applications	DBT-Wellcome Trust	FDS	Dr. Sivaranjani Gali	Dr. B.V. Sreenivasa Murthy Dr. Bikramjit Basu

### Ongoing Projects

Sl. No.	Name of the Project	Sponsoring Agency	Faculty	Principal Investigator	Other Investigators
1	Long Range Video-Transmitter for MAV Application	AR & DB	FET	Prof. Govind R. Kadambi	Mr. D. Varun Mr. B. Nagaraja
2	R & D Centre for Hardened Steel Machining	Karnataka Council for Technology Upgradation	FET	Dr. R. Suresh	Dr. T. N. Srikantha Dath Mr. K. N. Ganapathi
3	Sensor for Aero Gas Turbine Engine Combustors	AR & DB - GTMAP	FET	Dr. Arulanatham	Dr. H.K. Narahari Dr. S. Srikari Dr. S. Malathi Mr. Sitaram Gupta

4	Performance Enhancement of a Single Stage Transonic Axial Compressor	AR & DB – Propulsion Panel	FET	Dr. Mahesh K. Varpe	Mr. S. Subbaramu
5	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.
6	Design and Analysis of an Integrated Optic Microring Resonator	ISRO RESPOND	FET	Dr. S. Malathi	Mr. Ugra Mohan Roy
7	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	-
8	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	Dr. Kavitha Prasad
9	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
10	Multi DOF Bionic Arm with Control Assist Mode Functionality	Life Science Research Board (LSRB)	FET	Dr. Preetham Shankapal	Prof. Govind R. Kadambi
11	R&D Centre for Composite Materials and Technologies	Karnataka Council for Technology Upgradation (KCTU)	FET	Dr. Rahul Cadambi	Dr. M C Murugesh

#### Proposals/Concept Notes Submitted to Funding Agencies

Sl. No.	Proposal Sent	Team	Funding Agencies	Faculty
1	Heat Rate, Emission and Water Consumption Analysis of Yermarus 800 MW Coal Fired Super Critical Thermal Power Plant for Improvement Potential Taking Variation in Quality of Coal Fired into Consideration to meet Environmental Compliance and Validation of a Selected Case	Prof. S. R. Shankapal Dr. A.T. Sriram Dr. B.S. Dayananda Dr. Sanjeev K. Nayak Mr. P. Venkatesha Murthy	Clean Coal Research and Development (CCORD – 2017) - Clean Energy Research Initiative, DST	FET

2	Mitigation and Use of Sudden floods in Urban Environment for Domestic Use	Dr. H. M. Rajashekhar Swamy Dr. Harshad Rameshwar Parate Dr. Lakshmikanthan P.	DST	FET
3	Development of Wearable Electronic Travelling Aid for Blind (Full Proposal Sent)	Dr. Preetham Shankapal	BIRAC - Industry Innovation Programme on Medical Electronics (IIPME)	FET
4	Neuro-Imaging and Biomarkers in Alcohol Addiction Treatment	Dr. Preetham Shankapal Dr. Hariharan R.	DST-CSIR	FET
5	Evaluation of Progress in Cognitive Impairment and Working Memory in Moderate Traumatic Brain Injury subjects using fMRI	Dr. Preetham Shankapal Dr. Hariharan R.	DST-CSIR	FET
6	Development of Functional Connectivity Algorithms for Traumatic Brain Injury Subjects using fMRI	Dr. Hariharan R. Dr. Preetham Shankapal	DST-CSIR	FET
7	Subject-Specific, Three-Dimensional, Unsteady Flow Simulation in Cerebral Aneurysm	Dr. M. Sivapragasam Dr. Vinay MD Prabhu Mr. Sooraj Mohan	SERB-EMR	FET
8	Design and Development of Wearable Electronic Travelling Aid for Blind	Prof. Govind R. Kadambi Dr. Preetham Shankapal	SERB-EMR	FET
9	Development of 150 Watt (Electrical) Stirling Engine powered by Renewable Energy Sources like Solar and Biomass	Prof. S. R. Shankapal Dr. R. Suresh Dr. Ananth S. Iyengar Mr. Sooraj Mohan	SERB-EMR	FET
10	Endwall Contouring in a Single Stage Transonic Axial Compressor to Enhance Stability and Performance	Dr. Mahesh K. Varpe Mr. Subbaramu S.	AR&DB	FET
11	Development of Intelligent Microgrid Control Centre for Smart Grid using Multi Agent System	Dr. K. Manickavasagam Mr. T. Naveen Kumar Ms. Vineetha P Raj	DST	FET
12	Aerodynamic Shape Optimisation of Fixed Wings at Low Reynolds Numbers with Flow Transition for Micro-Air Vehicle Applications	Dr. M. Sivapragasam Dr. H. K. Narahari	AR&DB	FET
13	IoT and Mobile Phone Based Real-Time Traffic Congestion Management System	Dr. Preetham Shankpal Dr. Pallaviramsure	BIRC	FET
14	Development of Cyber-Physical System for Precision Agriculture	Dr. Raghavendra Venkatesh Kulkarni	VGST - K-FIST Level 1	FET

15	Establishment of Internet of Things (IoT) Laboratory	Mrs. Vaishali R Kulkarni	VGST - K-FIST Level 2	FET
16	Enhancement of Aerodynamic Performance of a Low Speed Wind Turbine for Offshore Power Generation	Dr. Mahesh K. Varpe	VGST - K-FIST Level 2	FET
17	A Moving-Average Filter based Hybrid ARIMA-ANN Model for Forecasting Time Series Data	Dr. Narendra Babu C	VGST - Awards for Research Publications (ARP)	FET
18	Fresh and Hardened Properties of Polymer Incorporated Self-Compacting Concrete Mixes for Neutron Radiation Shielding	Dr. Santhosh M. Malkapur	VGST - Awards for Research Publications (ARP)	FET
19	Recent Advances in Waste to Energy Conversion Technologies	Dr. B. S. Dayananda	VGST - FDP Engineering	FET
20	Big Data and Hadoop	Dr. Pushphavathi T P	VGST - FDP Engineering	FET
21	Machine Learning and Its Applications in Internet-of-Things	Dr. Raghavendra Venkatesh Kulkarni	VGST - FDP Engineering	FET
22	Prevention of Concurrency Bugs in Multithreaded Programs using Cause Effect Path based Program Analysis	Dr. P.V.R. Murthy	VGST - CESEM	FET
23	Establishment of Centre of Excellence for Civil Structural Health Monitoring	Dr. B. V. Vijay	VGST - CESEM	FET
24	Establishment of Centre of Excellence for Unmanned Aerial Vehicle (UAAV)	Dr. H. K. Narahari	VGST - CESEM	FET
25	Centre for Excellence - Intelligent Systems for Indian Language Processing	Dr. Hariharan Ramasangu	VGST - CESEM	FET
26	Establishment of Centre of Excellence for Futuristic Electric Vehicle Development	Dr. Raja R.	VGST - CESEM	FET
27	Establishment of Centre for Excellence in Transportation Engineering (CENTRANS)	Dr. H M Rajashekhar Swamy	VGST - CESEM	FET
28	Centre for Nano Materials and Technology: Thin Film Coatings by Chemical Vapour Deposition for Optoelectronic Devices	Dr. Srikari S.	VGST - CESEM	FET
29	Performance Evaluation of UHF Cognitive Radio Links for Wireless Sensor Applications in Health and Precision Agriculture	Dr. Pallaviram Sure	VGST - RGSF	FET
30	Development of Ecofriendly Biodegradable Nanocomposite Based Films for Food Packaging Applications	Dr. Rahul M. Cadambi	VGST - RGSF	FET
31	Development of Public Health Monitoring and Disease Prediction System using Sensor Network and Machine Learning	Dr. Rinki Sharma	VGST - RGSF	FET



32	Pulsatile Blood Flow Simulation in Human Aortic Arch for Localization of Early Atherosclerosis	Dr. M. Sivapragasam	VGST - RGSF	FET
33	Early Detection of Prostate Cancer Using Transrectal Ultrasound	Dr. Subarna Chatterjee	VGST - RGSF	FET
34	Multi Stream Automatic Speech Recognition For Children's Speech Using Artificial Bandwidth Extension Algorithms	Dr. Sunil Y.	VGST - RGSF	FET
35	Development of FPGA based Depth Estimation System for Robotic Navigation	Mr. Divya Kiran	VGST - RGSF	FET
36	Development of Flexural Fatigue Model for Self-Healing Bacterial Concrete Pavements	Mr. Nikhil T. R.	VGST - RGSF	FET
37	Development of Machine Learning based Traffic Monitoring and Safety System	Ms. Lasitha M	VGST - RGSF	FET
38	Fracture- Risk Assessment of Obese Individuals from Random Simulations of Activities on FE Models derived from DEXA Images and CT Data	Dr. B. V. Vijay Dr. Preetham Shankapal	BRICS Multilateral R&D Projects	FET
39	Development of an Innovative Low Cost Integrated System for Oral Cancer Diagnosis and Pathological Analysis	Dr. Preetham Shankapal Dr. Shwetha V. Dr. Roopa S. Rao Dr. Karthikeyan B. R.	DST-Technology Development Transfer (Scheme :Device Development Programme)	FET
40	Development of Public Health Monitoring and Epidemic Alert System	Dr. Rinki Sharma Dr. Raghavendra V. Kulkarni Mr. S.B. Bhanu Prashanth		FET
41	IoT Enabled Wireless Sensor Network based Fleet Management System for Industrial Logistics	Dr. Narendra Babu Dr. Pallaviram Sure Mr. Venkata Siva Reddy		FET
42	NewGen Proposal	Prof. S. R. Shankapal Dr. K. M. Sharath Kumar	NewGen Innovation & Entrepreneurship Development Centre	FET
43	Studies on Radiation Shielding Characteristics of Alkali Activated Concrete Mixes	Dr. Santhosh M Malkapur	DST - Scheme for Young Scientists and Technologists	FET
44	Improvements to Automatic Memory Management Infrastructure for Big Spatial Data Applications to Enhance Scalability	Dr. PVR Murthy	DST-SDI for Urban Governance, NRDMS n NSDI Division	FET

45	Development of Deep Learning Framework for Land Transformation Model of Bengaluru	Prof. Hariharan Ramasangu	DST-SDI for Urban Governance, NRDMS n NSDI Division	FET
46	Effect of Glycaemic Control on Healing of Tooth Extraction Sockets	Dr. Pramila Kalra Dr. Sejal K. M. Dr. Parimala Sagar	Medical Education & Research Trust Karnataka	FDS
47	Registry for Lysosomal Storage Diseases Reproductive Biology, Maternal & Child Health	Dr. Sujatha	ICMR	FDS
48	Evaluation of Oxidative Stress and Immune Regulation with Clinicopathologic Correlation in Oral Lichen Planus	Dr. Dominic Augustine Dr. Roopa S Rao Dr. Sowmya SV Dr. Vanishri CH Dr. Shwetha Nambiar	ICMR	FDS
49	Effectiveness of Periodontal Treatment on Pregnancy Outcomes in Gestation Diabetes Mellitus Patients with Periodontitis	Dr. Ashwini S Dr. Pramila Kalra Dr. Rajini Uday Dr. Kavitha Prasad Dr. Bhavya B	ICMR	FDS
50	A Pilot Study to Establish Correlations among Peri-Implant Flora and Biomarker Levels in Gingival and Peri-implant Crevicular Fluid in Healthy Indian Volunteers	Dr. Vibha Shetty Dr. Vaishali K. Dr. Rohit Prasad Dr. K. N. Chidambara Murthy Dr. Saiyed Taslimarif Dr. Atif	SERB-EMR	FDS
51	Evaluation of Anti-Neoplastic Activity of Sericin in Human Oral Cancer Cell Lines	Dr. Roopa S. Rao Dr. Kishore G. Bhat Dr. Smita Pattanshetty Dr. Kavitha Prasad Dr. Tejavathi Nagaraj	SERB-EMR	FDS
52	Expression of SNPs among Early Tobacco Users and Nicotine Dependent Adolescents- Based on GWAS	Dr. Sujatha S. Dr. Shwetha V.	SERB-EMR	FDS
53	Development of Designed Drug Delivery Systems for Effective Management of Oral Lichen Planus (OLP)	Dr. Shwetha V.	SERB-ECRA	FDS
54	Stimulation of Orthodontic Tooth Movement using Low Level Laser Therapy: An in Vivo Trial	Dr. Sharanya Sabrish	SERB-ECRA	FDS

55	Reducing Orthodontic Treatment Duration by Using Piezocision	Dr. Vinod Pattabiraman	SERB-ECRA	FDS
56	Development and Validation of non “ Invasive Device for Early Detection of Oral Cancer and Oral Potentially Malignant Disorders OPMD	Dr. V. Shwetha Dr. Preetham Shankapal Dr. Pushpanjali Dr. Karthikeyan	BIRAC	FDS
57	Salivary Glucometer	Dr. Sujatha S. Prof. Govind R. Kadambi Dr. T. Niranjana Prabhu Mr. Nagaraj B.	BIRAC	FDS
58	Real Time Dosimeter with Tissue Damage Assessment	Dr. Sujatha S. Prof. Govind R. Kadambi Dr. Malathi S. Mr. Ugra Mohan Roy Mr. Nagaraj B.	BIRAC	FDS
59	Development and Evaluation of Health Education Training Module for Awareness of Oral Cancer for Rural Adolescents	Dr. Shwetha K. M.	ICMR	FDS
60	Serum Proteomic Analysis of Human Umbilical Cord Blood and its Effect on Human Dental Pulp Cells	Dr. Ashmitha K. Shetty	ICMR	FDS
61	Microbial Profiling and Virulence Typing of Primary Endodontic Infections of Healthy and Diabetic Individuals: Metagenomic study	Dr. Madhu	ICMR	FDS
62	Synthesis and Characterisation of A Novel Bio Active Theobromine Composite Resin as a Dental Restorative Material using Nanofiber Technology	Dr. Pushpalatha	ICMR	FDS
63	Identification of Branching Pattern of The Facial Nerve In Indian Population – A Cadaveric Study	Dr. Rajanikanth B R	ICMR	FDS
64	Establishment of Tissue Repository and Initiation of Molecular Studies at Oral Cancer Research Centre, RUAS	Dr. Roopa S. Rao	VGST - CESEM	FDS
65	Evaluation of Metagenomics Analysis for Identification of Bacteria of Plaque Microflora in Early Childhood Caries	Dr. Latha Anandakrishna	VGST - K-FIST Level 1	FDS
66	Clinical Significance of Epithelial Mesenchymal Transition (EMT) markers E-Cadherin, FSP-1 and $\beta$ -Catenin in differentiating Ameloblastic Carcinoma and Ameloblastoma	Dr. Dominic Augustine	VGST - RGSF	FDS

67	Evaluation of CD44 Isoforms Expression and its Correlation with Lymphnode Metastasis and Recurrence In Oral Squamous Cell Carcinoma	Dr. Parimala Sagar	VGST - RGSF	FDS
68	Micro Array Based Differential Gene Expression Profiling of Streptococcus Mutans in Normal Children and Children with Special Health Care Needs	Dr. Prahlad G.	VGST - RGSF	FDS
69	Evaluation of TP53 Expression in Tumor Bed Margins and Correlate with Post-Operative Radiotherapy and Recurrence in Oral Squamous Cell Carcinoma	Dr. Prathibha Sridhar	VGST - RGSF	FDS
70	Early Diagnosis of Oral Potentially Malignant Disorders and Oral Squamous Cell Carcinoma in Chronic Tobacco Chewers by Gene Expression of Stearoyl- CoenzymeA Desaturase	Dr. Sowmya SV	VGST - RGSF	FDS
71	Evaluation of Gene Expression of CADHERINS as Indicators of Lymph Node Metastasis in Oral Squamous Cell Carcinoma for Achieving Better Quality of Life and Disease Free Survival	Dr. Vanishri C. H.	VGST - RGSF	FDS
72	Experimental and Simulation Studies on Prediction of Initiation of Crack and Propagation of Fracture in Dental Ceramic Restorations	Dr. Sivaranjani Gali	IASys Fellowship Application - Submitted to India Alliance	FDS
73	Genomics Approach Investigating Relationship between Vitamin D and Chronic Periodontitis in Rural Indian Population	Dr. Ashwini S.	DBT-Vitamin D Deficiency in India: Public Health Significance and Interventions	FDS
74	Determination of Association between Vitamin D deficiency and Oral Pre-Cancer and Cancer	Dr Prathibha Sridhar	DBT-Vitamin D Deficiency in India: Public Health Significance and Interventions	FDS
75	Biomimetic Rrem mineralization of Dental Caries Using Strontium Based Nano-Hydroxyapatite with Non-Collagenous Protein NCP Analogs	Dr. Sylvia Mathew	BIRAC-PACE	FDS
76	Development of Novel in Situ Laughing Gas Pen	Dr. R. Deveswaran Dr. S. Shrinivasan	DRDO-LSRB	FPH

77	In-Silico and In-Vivo Neuro-Pharmacological Evaluation of Biopolymer Based Novel Nano-Particulate System with Curcumin and Venlafaxine in Various Preclinical Models of Depression Associated with Alzheimer's Disease	Dr. Mohammad Azamthulla Mr. Dhrubojyoti Mukherjee Mr. Manikanta Murahari	DST-CSIR	FPH
78	Evaluation of Protective Effect of Fucoidan from Sargassum Wightii Against Neuro-Inflammation Related to Alzheimer's Disease Associated with Diabetes Mellitus	Dr. Anita Murali Dr. J. Anbu	DST-CSIR	FPH
79	Development of Novel Self-Healing Wound Dressing	Dr. R. Deveswaran Dr. S. Bharath Dr. S. Shrinivasan	SERB-EMR	FPH
80	Bioactivity Guided Isolation and in silico Optimization of Isolated Compounds for Hepatoprotective Activity from a Traditional Plant Viola Pilosa Blume used in Ayurveda	Dr. Ashoka Babu V. L. Dr. Mohammad Azamthulla Mr. Manikanta Murahari	SERB-EMR	FPH
81	Design and Synthesis of Pyrrole based MmpL3 Inhibitors as Antitubercular Agents for the Treatment of Multi-Drug Resistant Tuberculosis	Dr. G. R. Saraswathy Mr. Manikanta Murahari	SERB-EMR	FPH
82	Development and Preclinical Evaluation of Brain Targeted Drug Delivery Systems Containing Active Constituents of Centella Asiatica in the Treatment of Alzheimer's Disease	Dr. Anita Murali Mr. Dhribojyotri Mukherjee Ms. Hajira Banu	SERB-EMR	FPH
83	Development of Biocomposite Based Nano particulate System from Isolated Compounds of Antirrhinum Majus (L.) for Cardio Protective Activity	Dr. Mohammad Azamthulla Dr. Ashok Babu V. L. Mr. Dhrubojyoti Mukherjee	SERB-EMR	FPH
84	Evaluation of Interactions of Amla with Novel Anti-Diabetic Drug for its Safety and Efficacy in Diabetes	Dr. Lakshmi M. Sundar	SERB-ECRA	FPH
85	In Situ Gel as Cervix Plug with Spermicidal/Antimicrobial Contraceptive (Modified Condom)	Dr. Basavaraj B. V. Dr. Bharath S.	GCE-BIRAC Grand Challenge	FPH
86	Nano Calcium for Fortification in Bread / Flat Bread / Indian Bread to Augment Nutritional Value for Infants and Children	Mrs. Sindhu Abraham Dr. R. Deveswaran Dr. S. Shrinivasan	GCE-BIRAC Grand Challenge	FPH

87	Development of Nano Calcium Containing Ophthalmic in Situ Gel Drops for Corneal Wounds	Dr. R. Deveswaran	DBT	FPH
88	Evaluation of Cardiotoxic Activity of Calotropis gigantea Latex Extract using Biocomposite based Nanoparticulate System through In-silico and In-vivo studies	Dr. Mohammad Azamthulla	VGST - RGSF	FPH
89	Multi-Targeted Drug Discovery: Balancing Anti-Amyloid and Anti-Cholinesterase Capacity in A Single Chemical Entity for the Treatment of Alzheimer's Disease	Dr. Parasuraman P.	VGST - RGSF	FPH
90	Detoxification of Colon: Development of Natural Supplements Based Site Specific Delivery System	Dr. Vijayanand Pujari	VGST - RGSF	FPH
91	Development and Pre-Clinical Evaluation of Brain Targeted Drug Delivery Systems Containing Active Constituents of Centella Asiatica in the Treatment of Alzheimer's Disease	Ms. Hajira Banu H.	VGST - RGSF	FPH
92	Design, Characterization and Biological Evaluation of Integrin Binding Targeted RGD Based Anticancer and Antibiotic Resistant Peptidomimics	Ms. M. K. Yuvapriya	VGST - RGSF	FPH
93	Investigation of Soymida Febrifuga and Vitex Negundo Plants and its Formulation with Special Reference to their Anti-Dengue Activity	Dr. Parasuraman P	BIRAC-PACE	FPH
94	Development of Bioavailable-Biomedicines: Proof of Concept of Herbosomes for Easy Commercialisation	Dr. Vijayanand Pujari	BIRAC-PACE	FPH
95	Computationally Efficient Hybrid Methods for the Solution of Unsteady Fluid Flow Problems	Dr. Mahesha Narayana	MATRICS Scheme (DST-SERB)	FSH
96	Adsorption of Mercury present in Dental Operatory Waste Water (DWW) by Impregnation of Amino-thiol Group on Specific Site of Nano-Cellulose: Its Kinetic, Thermodynamic and Regeneration Studies	Dr. Jyothsa Kumar Dr. Sheetal R. Batakurki Dr. Sunil Kumar Yelekere	SERB-EMR	FSH
97	Development of Carbon Quantum Dots-based Hydrogen Production Catalysts	Dr. Hareesh K.	SERB-ECRA	FSH

98	Waste Derived Nano-CaO Impregnated Porous Hydroxyapatite Catalyst for Biodiesel Preparation from Waste Cooking Oil	Dr. Jineesh A. G. Dr. Niranjana Prabhu Dr. Y. C. Sunilkumar	SPARSH	FSH
99	Selective Removal of Trace Metals and Organic Dyes from Wastewater in the Peenya Industrial Area of Bangalore using Chemically Modified Cellulose and Clay Filled PVA Hybrid Hydrogel	Dr. Jineesh A.G	VGST - RGSF	FSH
100	Thermal Neutron Scattering Data for the Materials of Interest in Nuclear Reactors (BeO, Graphite and SiC)	Dr. Ananth S. Iyengar Prof. N. Hariharan Prof. R. S. Keshavamurthy Prof. M.R.Srinivasan Dr. Arvind Kumar Dr. B. R. Karthikeyan Prof. Govind R. Kadambi	BRNS	FSH

### 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	27	28	08	38
FAD	-	07	-	-
FMC	06	19	01	03
FMPS	10	10	19	-
FPH	21	14	12	04
FDS	74	39	15	19
FHMCT	01	04	-	-
<b>Total</b>	<b>139</b>	<b>121</b>	<b>55</b>	<b>64</b>

## Patents

Faculty	Number of Patents Filed
FET	11
FAD	-
FMC	-
FMPS	-
FPH	07
FDS	03
FHMCT	-
<b>Total</b>	<b>21</b>

Details of patents is shown in **Annexure – 16**

## University Publications – Journals

Name of the Journal	Volume No	Date of Publication
SASTech Journal	17	January 2018
Journal of Dental and Orofacial Research (JDOR)	14	January 2018
UAS Journal of Management and Commerce (UASJMC)	04	January 2018



## 6. University Staff

The main strength of Ramaiah University of Applied Sciences comes from its members of faculty. There are 371 highly qualified, experienced and renowned academicians and 316 technical and administrative support staff.

### Teaching and Research Staff:

The following table summarizes the number of teaching and research staff as of the date of this report in various faculties

Sl. No	Faculty	Number of Professors		Number of Associate Professors		Number of Assistant Professors		Number of Sr. Lecturers/ Lecturers/ Tutors		Total	Number of Ph.D. Holders
		Male	Female	Male	Female	Male	Female	Male	Female		
1	Engineering and Technology	14	3	15	7	61	32	10	6	148	42
2	Art and Design	1	0	0	0	14	0	4	0	19	1
3	Management and Commerce	2	0	8	2	3	12	0	0	27	7
4	Mathematical and Physical Sciences	2	2	0	0	23	3	0	3	33	26
5	Dental Sciences	11	11	09	15	6	10	5	8	75	03
6	Pharmacy	6	2	2	1	14	17	0	1	43	20
7	Hospitality Management and Catering Technology	2	1	0	4	8	9	1	1	26	01
<b>Total</b>		<b>38</b>	<b>19</b>	<b>34</b>	<b>29</b>	<b>129</b>	<b>83</b>	<b>20</b>	<b>19</b>	<b>371</b>	<b>100</b>

### Technical and Administrative Staff

The table below summarizes the number of Technical and Administrative Staff as of the date of this report.

Sl. No.	Non – Teaching Administration			Non – Teaching Technical			Grand Total
	Male	Female	Total	Male	Female	Total	
1	139	86	225	79	12	91	316
<b>Grand Total</b>	<b>139</b>	<b>86</b>	<b>225</b>	<b>79</b>	<b>12</b>	<b>91</b>	

### Faculty and Staff

The lists of faculty members are given in **Annexure 13**

### Staff Development Programmes

The University conducts the following staff development programmes:

1. Curriculum Development
2. Course Material Development
3. 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

The Following table details the dates on which the training programmes were conducted for different faculties of the University:

Faculty	Faculty Development Programme	Date of Training Conducted
<b>FAD</b>	Elements of Design and Symbolism in Ancient Temples of Karnataka	14 <sup>th</sup> July 2017
	Identification of the Design Elements	15 <sup>th</sup> July 2017
	Identification of the Design Elements	16 <sup>th</sup> July 2017
	Digital Illustration of the Elements	18 <sup>th</sup> July 2017
	Digital Illustration of the Elements	19 <sup>th</sup> July 2017
	Digital Illustration of the Elements	20 <sup>th</sup> July 2017
	Digital Illustration of the Elements	21 <sup>th</sup> July 2017
<b>FMPS</b>	Use Of End Note Software For Bibliography	14 <sup>th</sup> July 2017
	Use of Chemdraw For drawing Chemical Structures	20 <sup>th</sup> and 21 <sup>st</sup> July 2017
	Preparation of Question Paper, Assignment and Notes	24 <sup>th</sup> and 25 <sup>th</sup> of July 2017(tentative)
	Introduction to Matlab	First week of August
	Lab view	22 <sup>nd</sup> /23 <sup>rd</sup> May 2017
<b>FMC</b>	ARCH/GARCH & VAR Models	19 <sup>th</sup> -20 <sup>th</sup> October 2017
	Multivariate Methods	21 <sup>st</sup> -22 <sup>nd</sup> October 2017
	LATECH	23 <sup>rd</sup> October 2017
<b>FHMCT</b>	Hazard Analysis and Critical Control Points	7 <sup>th</sup> August 2017
	Research Methodology	8 <sup>th</sup> August 2017
	Revenue Management	9 <sup>th</sup> August 2017
	Latest technological developments in hotel industry	9 <sup>th</sup> August 2017
	PMS - Interfacing of departments	9 <sup>th</sup> August 2017
	Project Proposal and Literature Review	10 <sup>th</sup> August 2017

	GST - its implication on hospitality industry	10 <sup>th</sup> August 2017
<b>FPH</b>	Introduction to HPLC	03 <sup>rd</sup> July 2017
	Operational procedures to handle HPLC unit	04 <sup>th</sup> July 2017
	Approaches to HPLC method development – A case study	05 <sup>th</sup> July 2017
	Column Chromatographic packing methods	06 <sup>th</sup> July 2017
<b>FDS</b>	Proposal Writing for Biomedical research	2 or 3 Day Workshops
	Scientific Writing for Journals	2 or 3 Day Workshops
	Funding Options for Grant Proposals	2 or 3 Day Workshops
<b>FET</b>	Reverse Engineering using CMM	26 <sup>th</sup> July 2017
	Engine Modeling using Ricardo Wave	31 <sup>st</sup> July 2017
	Hands on Training in ADAMS	2 <sup>nd</sup> August 2017 to 4 <sup>th</sup> August 2017
	Hands on Training in LS-Dyna	05 <sup>th</sup> August 2017
	Usage of MS project / Navigator	7 <sup>th</sup> August 2017 to 9 <sup>th</sup> August 2017
	Introduction to Aerospace Systems	
	Introduction to Automotive Plastics and demo on Moldflow Advisor	14 <sup>th</sup> August 2017
	Nanomaterials Application in Engineering	16 <sup>th</sup> August 2017
	Schematic Capturing and Footprint Design using ORCAD	11 <sup>th</sup> August 2017
	FPGA Implementation of Image Processing Algorithms	3 <sup>rd</sup> & 4 <sup>th</sup> August 2017
	Data Acquisition using LABVIEW	18 <sup>th</sup> August 2017
	Introduction to Matlab for Scientific Computing	21 <sup>st</sup> & 22 <sup>nd</sup> August 2017
	Leveraging Technology to improve India's Healthcare	8 <sup>th</sup> August 2017
	Machine Learning Applications in Pattern Recognition	10 <sup>th</sup> August 2017
	High voltage experiments demonstration	18 <sup>th</sup> July 2017
	Relay and protection schemes	28 <sup>th</sup> July 2017
	Training on Simplorer User Interface'	7 <sup>th</sup> & 8 <sup>th</sup> August 2017
	Hands on training on Quantum Geographical Information System (QGIS) software	6hr
	Reinforced soil / Forensic Civil Engineering	6hr

	Analysis and Design of Muti-Storied Structures using Staad Pro	6hr
	Scheduling Projects in MS Project; Earned value management(EVM) for construction projects	6hr
	Analysis and Design of building structures using ETABS	6hr
	Analysis and Design of building structures using SAP	9hr
	MATLAB	9hr
	PTV-Vissim	6hr
	Dynamic Analysis of structures using STAAD.Pro'	6hr
	WaterGEMS software	3hr
	Mx road	6 hrs
	Basics of reference axes and sign convention in engineering	6 hrs
	Discrete Element Modelling (DEM)	3hr

## 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.

<b>HR and Staff Welfare Department</b>	A separate HR and Staff Welfare Department has been created. Chief Manager – HR and Staff Welfare heads the department
<b>Employment Regulations and Benefits</b>	A HR manual has been created clearly explaining the contract terms and benefits and has been uploaded on the University Website
<b>Salary Fixation</b>	All teaching staff are being paid as per the UGC scales (6th Pay Commission) All Administrative and Technical staff are being paid as per Government of Karnataka scale (6th Pay Commission)
<b>Higher Education Policy</b>	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
<b>Insurance Scheme</b>	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
<b>Committees</b>	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

## 7. Directorate of Student Affairs

Directorate of Student Affairs of the University takes care of welfare of the students, encourages students to participate in cultural and sports activities, provides assistance to the students to get internship and employment in professional organizations in India or abroad, advises them on higher education opportunities 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, Bangalore	250	600 Students
2	Student Hostel at New BEL Road, Bangalore	200	500 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.

Students 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:

<b>Sports and Athletics</b>	<b>Space Availability</b>	<b>Facilities</b>
Cricket	Peenya Campus	Cricket Nets (7 mt X 35 mt)
Football	Peenya Campus	Field (92 mt X 45 mt)
Basket Ball	Peenya Campus/Gnanagangothri Campus	Basketball court (21 mt X 36 mt )
Volley Ball	Peenya Campus	Volley ball court (28 mt X 18 mt)
Throw Ball	Peenya Campus	Throw ball (26 mt X 18 mt)
Tennis Ball Cricket	Peenya Campus/Gnanagangothri Campus	Field (92 mt X 45 mt)
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

Students have facilities like:

- Post Office
- Cafeteria facilities
- 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



### International Yoga Day Celebrations

The third International Day of Yoga was celebrated on 21 June 2017 in Ramaiah University of Applied Sciences in association with Ramaiah Indic Specialty Ayurveda Restoration Hospital (MISARC), Jeevana Yoga Pratishthana, Ramaiah Memorial Hospital and Narayana Heart Centre.



**Participants Performing different yoga Postures**

### Cultural Activities and Recreation

Students have the facility to access books on general reading materials, newspapers and magazines, music system and DTH TV. In addition, students have the opportunity to participate in various cultural activities and annual cultural festival and cultural competitions.

### Fresher's Day – 2017

Fresher's Day for the 2017 undergraduate batch was celebrated on Saturday 9 September 2017 in Gnanagangothri campus. Mr. Manjunath Nayak, Director-Student Affairs welcomed the gathering. Shri H. R. Ranganath, Chairman & Managing Director, Write men Media Pvt. Ltd was the Chief Guest. During his address to the students, he asked them to sincerely and passionately pursue their dreams without losing focus and concentration.



**Students Participating in Fresher's Day**

## Rally for Rivers

Students of RUAS participated enthusiastically in the Rally for Rivers, a campaign organized by Isha Foundation to raise awareness about our rivers getting depleted. The campaign was led Sadhguru Jaggi Vasudev, an Indian yogi, mystic, poet and New York Times bestselling author and the Founder of Isha Foundation – a not for profit organization which offers yoga programs around the world on 9 September 2017 in Palace Grounds, Bangalore.



RUAS students at Palace Ground during Rally for Rivers

## Student Competitions and Exhibitions

Students are encouraged to participate technical competitions and exhibitions organized by various faculties and inter collegiate and inter university competitions.

Some of the examples are listed below

### **B. Des. Student Stood Top at National Level CEED Exam Conducted by IIT Bombay**

Ms. Afshaar, B. Des, Product Design - 2014 batch from Faculty of Art and Design has topped the National Level CEED exam conducted by IIT Bombay this year. CEED exam or the Common Entrance Exam for Design was conducted in 21 Cities across the country and our students' achievement is the highlight of the national level event.

### **RUAS Dance Team Wins Second Prize**

The dance team from RUAS participated in Udbhav Cultural Fest at Ramaiah Institute of Technology on 23 March and secured 2nd position in Indian group dance. The following are the team members:  
Pooja Lakshman, Reshma Srikanth, Priyanka Kabadi, Monica Dharanesh, Kaavya Venugopal,

Sanjeevini Mehendale, Suma Devang, Merlin, Nivedhitha Gouda, Sudharshan Sirpu, Tejas Chandrashekar, Wodeyar Darshu, Vishwanath R Bhave, Vignesh Kumar, Rohan R Bharadwaj.

### **Team FHMCT Wins Prizes at International Trade Fair**

Students of FHMCT won many prizes at #ProMillets - the Millet Product Display Challenge for Young Chefs at the Organics and Millets 2018 - International Trade Fair held on 21st January 2018 in Palace Grounds, Bangalore. Jury members were experts from the renowned South India Culinary Association (SICA). The prize winners are: Manaswi of Batch 2015 – Gold, Siddharth G and Santhosh P of Batch 2015 – Silver, Suryah and Vinith of Batch 2015 – Bronze and Gowri of Batch 2017 – Bronze Medal. FHMCT team was allotted a stall at the Karnataka Pavilion wherein they displayed delectable bakery products made with millets. They received tremendous response with many guests asking for recipes and wanting to purchase the products.

### **BHM students participate in National level competition**

Students from FHMCT participated at Chandiwalla Hospitality Ensemble 2017, hosted by the Banarsidas Chandiwalla Institute of Hotel Management & Catering Technology, New Delhi. This National inter-collegiate event has a history of 15 years and was held from the 11th to the 13th of October 2017. Eva Mariam, Hazel Carolyn, Kiran Kumar, Krishna K. Menon and Vinith Veerappa were the participants representing FHMCT at the competition. The students were tested on their technical skills through competitions on management skills, culinary aptitude, bartending and designing. It was a great learning curve for our students and a proud moment when they ended up overall 7th among the 42 colleges that came from across the nation.

### **FDS students bag first prize in Fashion Show**

Students of FDS participated in fashion show and won first prize in state level intercollege event organized by Bangalore Medical College - COBALT SKIES'17 annual cultural extravaganza where medical and dental colleges across Karnataka participate. The theme of the fashion show was 'Spread Love', focusing on the recent tensions between India and China, which was well appreciated by the jury and audience. The participants wore traditional Chinese outfits and used props like lanterns, hand fans and umbrellas significant to the Chinese culture. The following are the names of students who participated in the fashion show Mark Pinto (intern), Manasa Samuel, Manisha Thomas, Aishwarya Javali (All final year), Umair, Zaabi (Third Year), Diya J, Deepshika (Second year) and Rohan, Dhruv (First year).



### **RUAS Students Won the First Place for Their Urban Vehicle Concept**

RUAS team of M.Tech APD students won the First Prize in Best Design of PUMA Project within Team 5 for their urban vehicle concept and the same design will be developed as a product for next year global competition.

Team Members: 1. Mr. Sachin V, 2. Mr. Manoj R. Kulkarni, 3. Mr. Prashant M.

### **Robotics Dream Team Won Prize - ROBODIUM@ASE-RASE'17 (Sponsored by IEEE)**

FET students bagged THIRD place and awarded a cash prize of Rs. 3000/- in the competition ROBODIUM @ ASE-RASE'17 an Annual National Level Robotic Competition organized by Amrita Club for Robotics and Mechnatronics(ACROM) in association with IEEE Robotics and Automation Society, Bangalore Chapter held at Amrita Vishwa Viddapeetham University, Bangalore campus on 8th and 9th of April 2017. There were 50 teams took part in LIFO–The Line Follower Robot competition.

### **PG Project Exhibition- 2017-18**

The 3rd Annual PG Group Project exhibition was conducted on February 9, 2018 at Peenya Campus, RUAS. Nearly 100 Projects were exhibited during the exhibition. The Projects include from all the disciplines of the University like Faculties of Engineering and Technology, Art and Design, Management and Commerce, Mathematical and Physical Sciences, Hospitality Management and Catering Technology, Pharmacy and Dental Sciences.

Industry delegates from Mann + Hummel India Pvt. Ltd., ABB Global Industries and Services Pvt. Ltd., Faurecia Mobility Technology Centre, General Motors, IBM etc. graced the occasion and actively participated. In addition, Students and Faculty members from various Engineering and Management Colleges, Polytechnics and Pharmacy Colleges attended the exhibition. Lot of appreciations were received by the Visitors with regard to the Projects exhibited by our PG Students.



**PG Project Exhibition-2018**

## Annual Athletics Meet- 2017-18

The 4th annual athletic meet of RUAS was held on Saturday 25th November, 2017 in University Ground Peenya campus Bangalore. The Chief Guest for the inauguration program was Ms.Sahanakumari, Olympian and Rajyotsava awardee .The inauguration program began with an invocation from Ms.Manasa of FET (EEE) followed by the University flag hoisting by the Chief Guest and March Past of athletes.



### Intra Faculty Tournaments

Intra faculty tournaments in football, basketball, throw ball, volleyball, table tennis, chess, carom, kabaddi, Kho Kho and tennis ball cricket was conducted for students. For staff tennis ball cricket, table tennis, carom and badminton tournaments were conducted.

### Internships and Placements

There is a dedicated placement cell which takes care of National, International internships and 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
- Organising Leadership programmes for students
- Forwarding CVs to Companies
- Liaison
- Organising Interview for students
- Placements of Students
- Maintain student placement records

In **Pharmacy** the following companies have selected students during the placement process: Indegene, AstraZeneca, Jubilant Biosys Ltd, Navya Tech, OG Health Care, Omics International Pvt Ltd, Mylan Laboratories Ltd, Medlife and Vyuhgenics.

In **Hospitality Management & Catering** Technology students have been placed in hotels namely Marriott, Oberoi, IHG, Hilton, California Burrito, Chancery, Sheraton, Shangri La, GRT Grand, Yum Foods, Taj, ITC, LSG Sky Chef, Byg Brewski, Windmills Craftworks, Evolve Back Resorts, Dusters, Total Service Solutions, Inorbit Mall, Conrad, Stay Abode Ventures, Reliance Retail and Metro Cash & Carry.

The following companies have selected students in the **Engineering** stream: Paladian Network, Mphasis Ltd, Green Wave Health Technologies, Rapido, Sankalp Semiconductors, Atkins Global Ltd, Lakshmikumaran & Sridharan Attorneys, Telerad Tech, AMS India, Hyundai and Clust Tech.

Students from **Management & Commerce** stream have placed in the following companies: Dell, E & Y, AJ Gallagher, Integra Technologies, Shahi Exports, Sanctity Developers and Systems Control.

Detailed information of placement mentioned in **Annexure -14**

### Service to Society Program

The staff and students of RUAS undertook the mandatory service to society program on February 2nd & 3rd in association with Peenya Industries Association and BBMP. 34 teams participated in the program. Each team consisted of about 30 students and 3 staff members. The students belonged to UG courses and PG courses.



Students Participating in Service to Society

### Blood Donation Camp

In remembrance of late President of India Dr. APJ Abdul Kalam, Blood Donation Camp organized on 14<sup>th</sup> November 2017, at RUAS Peenya campus, in association with Rashtrothana Blood Bank. Enthusiastic students and Staff members donated blood. Certificates and refreshments were distributed to the donors.



### Other Events at RUAS

#### Cultural Fest - AKAIRA 2018

Akaira 2018, the Cultural Fest of RUAS was celebrated on 16th and 17th March 2018 in Peenya campus. The inaugural function was held on 16th March morning. Shri S Shivaram, Legendary Actor, Director and Producer was the Chief Guest. The function began with Ms. Manasa from FET rendering the invocation song. Mr. Likhith Kumar from FMC welcomed the gathering and introduced the Chief Guest. Shri S Shivaram addressed the gathering followed by the traditional Lighting of Lamp. Later the Chief Guest was felicitated by the Guests of Honour Dr. B V Sreenivas Murthy-Dean FDS, Dr. H S Srivatsa-Associate Dean FMC and Mr. H S Lohit-Associate Dean FAD. Mr. Manjunath Nayak-Director -Student Affairs and Ms. Renee Namratha-Asst. Prof. FMC were also present. The vote of thanks was proposed by Ms. Renee Namratha, Chief Coordinator of Akaira 2018 from FMC.

Altogether 30 plus events were held which included off stage events like Rangoli, Sketching, Collage, Cooking without Fire, Minute to Win It, Singing (Classical & non-classical) solo & group, , Pictionary, Debate, Quiz, Photography, Best out of Waste, Nail Art, Face Painting, Short Film, Futsal, Creative Writing, Dub smash, Essay Writing, Quiz, Rebuttal, Scavenger Hunt, Sell a Product, Short Film, and on stage events like Mime, Taboo, Anthakshari (Hindi & Kannada), Fashion Show, Air Crash, Dancing (Solo & group all forms), Mad Ads, Adapt to Tune, Stop, Rewind & Play.

The valedictory function was held on 17th March evening. Mr. Tushar from FET welcomed the gathering. Ms. Pranitha from FPH introduced the Chief Guest Mr. Saad Khan, Film Director who spoke on the occasion. The Guests of Honor for the valedictory function were Dr. V Madhavan, Dean FPH, Prof. Aby Mathew, Dean FHMCT and Dr. Arulanantham, Dean FET. Mr Sanandan from FAD and Ms. Priyanka from FDS shared his experiences of



Akaira 2018. This was followed by prize distribution. Finally the valedictory function was concluded with vote of thanks by Mr. Puneet from FHMCT.

The last program of the Fest was the DJ Night which the students thoroughly enjoyed. The Fest was sponsored by M/s Bhagirath Construction Company, Star 555 Hostel, V2 Hostels, New Ruchi Bhawan and Sri Vinayaka Caterers. Akaira 2018 went well because of sincere and dedicated contributions from staff and student coordinators.



## 8. 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. Advanced Certificate Programme (ACP)
4. Modular Training Programme (MTP)
5. Corporate Training Programme (CTP)
6. Proficiency Courses
7. Seminars
8. Workshops
9. Advanced Skill Training Programme (ASTP)
10. User Oriented Postgraduate Courses (UOPC)

Overall Summary of Programmes conducted and People trained by Directorate of Training and Lifelong learning

Sl.No	Programmes Conducted	Members Trained
1	Advanced Certification	46
2	Skill Training	3
3	Modular Training	54
4	Corporate Training	53
5	BiSS Program	21
6	Lasers Program	1
7	Proficiency course from FHMCT	91
8	Proficiency course by FET	22

9	Proficiency course by FMC for MSRCH	33
10	9 seminars/ workshops	426
11	Post Graduate certificate courses in Professional Practice in Dental Esthetics and Implant ology	10

114 students have taken admission to B.Voc. Degree programme (Full time & Part time) for the academic year 2017 - 2018.

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

Sl. No	Course	Diploma	Advance Diploma
1	Passenger Car Repair & Maintenance	4	6
2	Machine Too Operation & Maintenance	-	8
3	Product Design & Modelling (FT)	5	17
4	Product Design & Modelling (PT)	-	10
5	Culinary Operation	30	24
<b>Total No. of Students</b>		<b>39</b>	<b>75</b>

- 9 engineers from Bangalore Integrated System Solutions (BiSS) and 10 engineers from Paladion Networks Pvt. Ltd have successfully completed their Master's degree programme (UoPC) in November 2017
- The proposal for new courses is under discussion with clients like Tata Communication Limited, Bosch Automotive Electronics Limited, General Motors and Continental Automotive Components (India) Pvt. Ltd.

## 9. 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)
<b>Mechanical</b>			
1	Design and Development of Robotic Camera Stabilizer Mount	Zoo Grips	12
2	Kinematic and Dynamic Analysis of Thrust Vectoring Nozzle	GTRE	9
3	Design and Finite Element Analysis of Under Slung System	Axis Cades	7
4	Structural Analysis of HMS & LFVDS Cabinets	BEL	6

5	Studies on Noise level (Pollution) in Power Loom Machines	KSTIDC	5
6	Finite Element Analysis of Local Control Equipment	BHEL	2
7	FE Analysis & Thermal analysis of X Band Electronic unit	BEL	1
8	FE Analysis & Thermal Analysis of ERP Electronic Unit	BEL	1
9	Finite Element Analysis of DG System for B & D Class	HMTMTL	1.5
10	Finite Element Analysis and Thermal Analysis of Electronic Unit"	MTRDC	5
11	Thermal Analysis of PCB-1	Veniktools, Bangalore	0.5
12	Thermal & Finite Element Analysis of ESM Electronic Unit	Veniktools, Bangalore	1
13	Thermal Analysis of K-Band-Transmitter- Project PHAROS	BEL	1
14	FE Analysis of K-Band-Transmitter- Project PHAROS	BEL	1
15	Finite Element Analysis of Winch	NPOL	3
16	Thermal Analysis of 6th Gen Intel i7 SBC Board	Venik Tools	0.5
17	Finite Element Analysis of DG & Humsa NG Transducer Array System	BEL	2
18	Finite Element Analysis of Workstation Cabinet	BEL	1
19	Finite Element Analysis of Implant Body	IntEssence Solutions	3
20	Machining & Fabrication of Emission Monitoring Parts	Faurecia Clean Mobility	0.5
21	Finite Element Analysis of DG System for P15-B Class	HMT	1

22	Finite Element Analysis of Autoclave Chamber	HHV	0.5
23	Finite Element Analysis of SPL-267	HHV	0.5
24	Benchmarking of Hot-End System	Faurecia Clean Mobility	2
25	Finite Element Analysis of RVBF CHAMBER	HHV	0.5
26	Finite Element Analysis of Platform Assembly	Paras Aerospace	1
27	F.E Analysis of Process Chamber	HHV (Dabaspet)	0.5
28	Finite Element Analysis of ISO TRANSFORMER (HumsaNG)	BEL	0.5
29	Finite Element Analysis of ACOS (HumsaNG)	BEL	0.5
30	Finite Element Analysis of DIY Chamber	Filtrex	0.5
31	SEM- Scanning for Surface morphology & Porosity study	IntEssence Solutions	0.5
32	F E A of 6KW Chiller	Entec Engineering	0.5
33	Finite Element Analysis of 20 Bar and 100 Bar Pressure Vessel	Paras Aerospace	0.5
34	Finite Element Analysis of Single Cylinder Filter	Aqua Works	0.05
35	Finite Element Analysis of CFRP Load Bearing Structure	NPOL, Kochi	7.2
36	Finite Element Analysis of Display console	Realtime Techsolutions Pvt. Ltd	0.95
37	Finite Element Analysis of DG System for B & D Class	HMT Machine Tools Ltd.	0.7
38	Thermal Analysis on PHAROS Transmitter	BEL,Bangalore	0.35
39	Finite Element Analysis of 1004 Cylinder	Aqua Works	0.08
40	Finite Element Analysis of Fixture	Vinnovative	0.3

41	Finite Element Analysis of VPX CHASSIS ¾ ATR (A0439)	Trident Infosol	0.82
42	Finite Element Analysis of Drive Assembly 3.1	Tennova Delkor	2.4
43	Finite Element Analysis of Double Wall Vacuum Chamber	HHV	0.24
44	Finite Element Analysis of Glove Box	Mansha Vacuum	0.18
45	Finite Element of SR 280 DRIVE	Tennova Delkor	1.5
46	Thermal Analysis of TCU Wired Unit	BEL, Bangalore	0.83
47	Structural Analysis of Smart TDS	BEL, Bangalore	1.1
48	FE Anlaysisi of DIY Chamber - 2	Filtrex Technologies Pvt Ltd	0.2
49	FE Anlaysisi of CAPS	Filtrex Technologies Pvt Ltd	0.08
50	Design and Development Automated Lifting Mechanism for Light Weight Torpedoes	NSTL	16.24482
51	Study of Unsteady Flow Dynamics Due to Afterburner Flame-holder using LES	GTRE, Bengaluru	9.5792
52	Finite Element Analysis of Connector Assembly	VMX HI CONNECTORS PVT LTD	0.3
53	Thermal Analysis of DLB Unit	Amphenol Interconnect India (P) Ltd	0.48

PIDC			
1	Design & FE Analyses of Light Weight Sign Frame	3 M INDIA	3
2	Design and Development of Female Urine Collection Cup	GEF-Medical	10

3	Design and Development of Mechanical Timer Based Flow Control System	Filtrex	2.7
4	3D Scanning of Metro FAN	Rajamane Industries	0.3
5	3D Scanning of Mixing & SCRAPER ARM	Ajax Fiori	0.0155
6	NON-STKSC-056 CAM DESIGN AND SUPPLY OF 2D & 3D DRAWING WITH CAD POINTS	HMT- Bangalore	0.2

Electronics			
1	Design of Brushless Gimbal for UAV	Tata Advanced Systems Limited	-
2	Design and Development of Wireless Interface between Infrared Service Port Adapter and Host Device	ABB	6
3	Optical Non-invasive blood glucose monitoring Technology	GEF M TECHNOLOGY DEVELOPMENT FUND	10
4	Non-invasive salivary Glucometer	GEF M TECHNOLOGY DEVELOPMENT FUND	8
5	Real time Dosimeter with Tissue Damage Assesment Device	GEF M TECHNOLOGY DEVELOPMENT FUND	8
6	Electric Heating and Motorized dispensing device for dental impression border molding process(Hot shot glue gum)	GEF M TECHNOLOGY DEVELOPMENT FUND	6
7	Design and Development of TI CC32XX based wireless service port adopter	ABB	4
8	Design and Development of Live Line Indicator System	Rajamane	1.1
9	Electronics System Design and Development for High FRR Equipment - Phase 1	Ducom Instruments	0.5
10	Level Sensing Dry Run & contamination	Rajamane Industires	4.1

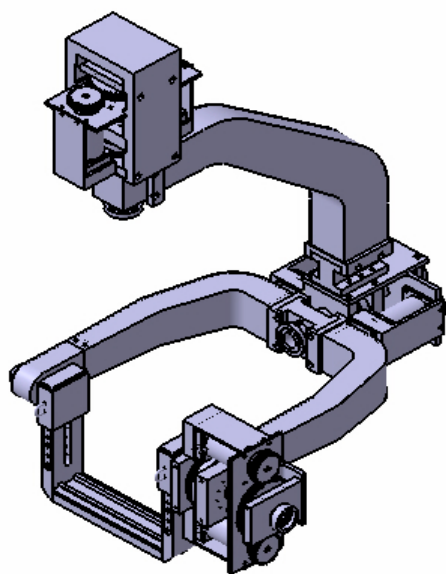


11	Design and Development of Mechanical Timer Based Flow Control System	Filtrex Technologies Pvt Ltd	0.7
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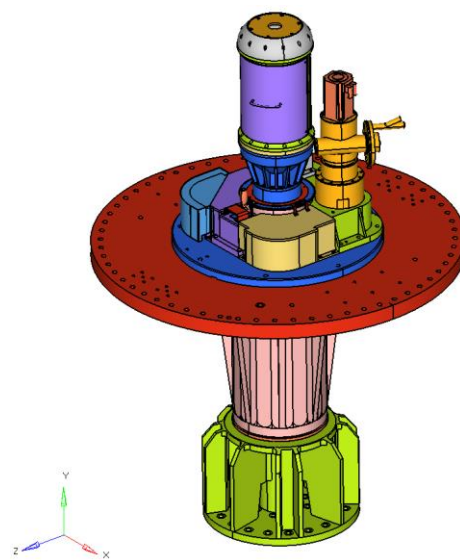
Health Sciences			
1	Formulation Development of Liquid Bandage	ITC	9
2	Recipe Standardization	Green Path	1
3	Prototype of Mucoadhesive nicotine nasal insert	ITC	6
4	Prototype of improved nicotine release gum	ITC	6
5	Multi millet Samosa	Sarvya	0.6
6	Compliance of Dissolution Testing for Telmisartan with Hydrochlorothiazide and Telmisartan with Amlodipine Tablets, Compliance of Dissolution Testing for Glimepiride with Metformin Hydrochloride Tablets, Masking the Unpleasant Odour of Tablets”.	Life Care Formulations Pvt Ltd	1

## Some Examples of Projects successfully executed by Techno Centre

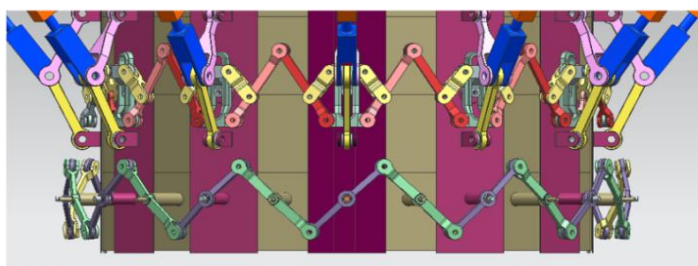
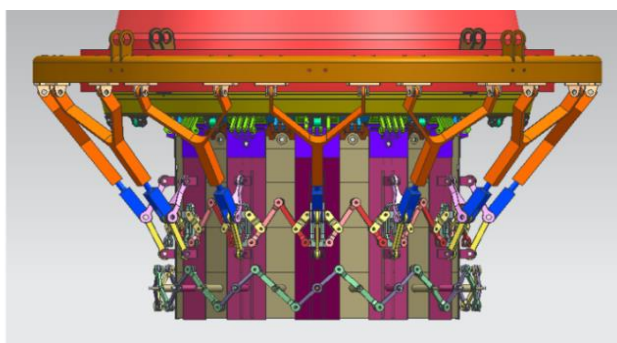
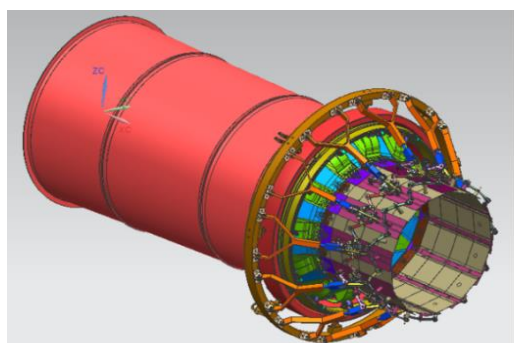
### Camera Stabilizer:



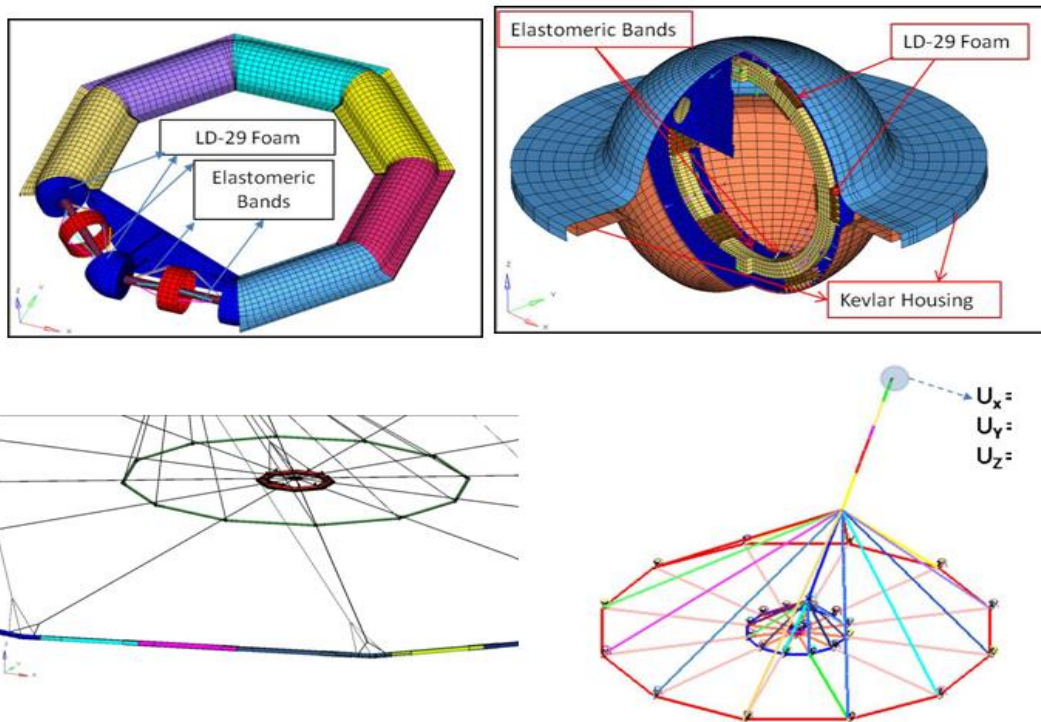
### Finite Element Analysis of DG System for B & D Class:



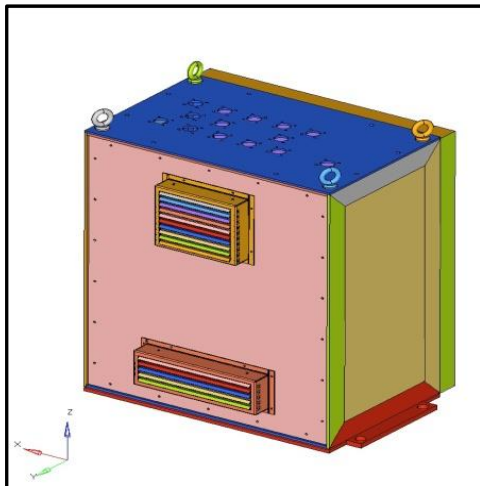
### Thrust Vectoring Nozzle



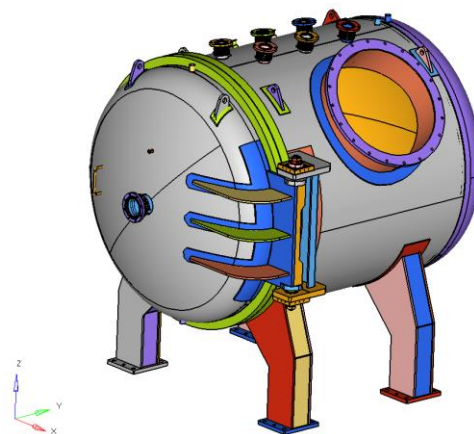
## Helicopter Under slung Assembly



## Isolation Transformer:



## Double Wall Chamber:



## 10. Directorate of Transferrable Skills & Leadership Development

The Directorate works towards imparting transferable skills and developing leaders among the mainstays of the university which are Academics, Training and Lifelong Learning, Research, and Techno Centre. This is achieved through credit based programs to UG / PG students, training / workshop programs to teaching and non-teaching staff, seminars, guest lectures, panel discussions and theater based programs.



### **Certain initiatives of DTSLD**

- Shift in class-room teaching style, from being a teacher-centric to participant-centric style
- Workshops for enhanced effectiveness of internal stake-holders, both administrative and academic staff
- Training and development using theatre as a tool
- Tool for tracking effectiveness of sessions
- Following Agile Methodology in the development and delivery of all programs
- The Directorate has started working towards making a global program in the form of “Study India”, “Global Citizen”, programs on “Women Entrepreneurship”, “Women Leadership”, “Social Leadership” and many more

### **Activities of DTSLD:**

- Training programs / Workshops / Seminars / Guest Lectures to different stake holders of University
- Study India Program
- Quiz and Debate clubs
- Toast Masters Club
- Theater group
- Music and Dance classes

## 11. Teaching and Learning Resources

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 reputation and undertake high end research.

### Learning Resources

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

Faculty	Classrooms (Seminar Halls)	Laboratories	Library	Workshops	Studios
FPH	15	28	Titles: 3702 Volumes: 8443	NA	NA
			Journals: - 1988		
FHMCT	09	14	Titles- 3690 Volumes: 8190	NA	NA
			Journals: - 16		
<b>Total</b>	<b>104</b>	<b>135</b>	<b>Volumes: 47732 Journals: 6062</b>	<b>2</b>	<b>8</b>

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

#### ICT-Facilities

Sl. No.	ICT Facilities	Quantity
1	Work Stations	29
2	Laptops	95
3	Laboratory Computers	1161
4	Faculty & Admin Computers	845 : <b>All Faculty , Technical and Admin staff are provided computers/Laptops</b>
5	Library Computers	64
6	Printers/Plotters	114
7	Audio Visual Systems	113
8	Wi-Fi/Internet	275 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	300 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 15**



## 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
- St. Petersburg State University of Architecture & Civil Engineering, St. Petersburg, Russia: Civil Engg.- Student Exchange
- Kazan National Research Technical University, Kazan, Russia- Joint Research and Product Development- Composites
- St. Petersburg State University of Industrial Technologies and Design, Russia-Student Exchange
- 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 University of Architecture and Civil Engineering
- Peter the Great St. Petersburg Polytechnic University
- St. Petersburg State University of Industrial Technologies and Design
- Moscow State University of Civil Engineering (National Research University)

### Student Mobility / Exchange

Students pursuing undergraduate, postgraduate and PhD programme at RUAS can spend few weeks in a foreign university to get additional educational, cultural, social and environmental exposure in addition to the existing experience in RUAS. This helps students to understand their likely future work environment and also gives an idea on higher education, if they would like to pursue studies abroad. PhD students are permitted to choose a professor of their choice/university/laboratory to complete a part of his/her work.

Students can pursue their chosen programme in any of the universities with which RUAS has a collaboration agreement. RUAS has signed MoUs and Agreements with universities in the UK, USA, Africa and Russia.. The Directorate will also facilitate exchange programmes with other universities that students may have identified independently..

Students of RUAS are also encouraged to identify corporates in industry or research laboratories and other institutions overseas for obtaining their “study abroad” credits. The Directorate of Student Affairs facilitates students with the necessary documents to travel and arrange accommodation. With Partner Universities, RUAS may suggest to the nature and extent of activities that they may engage our students.

RUAS is also Host to many students sent by Partner Universities at its Bangalore Campuses. International Students get a glimpse of the Teaching & Learning methods, Laboratories and workshops at RUAS and learn about the present day technologies and skills in India. They also get some insights into Indian culture and history through visits to ancient Indian monuments, heritage sites and cultural centers.

The Student Mobility Programme between RUAS and Russian Universities for the year 2017-18 are as below:

Sl.No.	Country	University (From)	University (To)	Faculty	Purpose	No of Students	Duration
1	Russia	Ramaiah University of Applied Sciences	Moscow State University of Civil Engineering, Russia	FET	International Student Internship	25	2 weeks in October 2017
2	Russia	Ramaiah University of Applied Sciences	Peter the Great St. Petersburg Polytechnic University, Russia	FET	International Student Internship	3	2 weeks in October 2017
3	India	St. Petersburg State University of Architecture and Civil Engineering	Ramaiah University of Applied Sciences, India	FET	International Student Internship	7	2 weeks in March 2018

#### **RUAS M.Tech. Students (FET, CED) at Moscow State University of Civil Engineering, Russia, October 2017**

RUAS Second year M.Tech. Students of FET, Department of Civil Engineering went to Moscow, Russia, to undergo their International Students Internship in Moscow State University of Civil Engineering (MGSU) from October 15, 2017 until October 30, 2017. Students have attended classes on different civil engineering subjects, learned about work of MGSU Expert and Diagnostic Centers, laboratories, and many more. Important part of the internship were construction site visits and the unique buildings exploration.



#### **RUAS M.Tech. Students (FET, MME) at St. Petersburg Polytechnic University, Russia, October 2017**

RUAS Second year M. Tech students of FET, Department of Mechanical & Manufacturing Engineering, went to St. Petersburg, Russia, to undergo their International Students Internship in Peter the Great St. Petersburg Polytechnic University from October 09, 2017 until October 22, 2017. Internship Program has included classes on subjects in the area of mechanical engineering and entrepreneurship.



### **Petersburg State University of Architecture and Civil Engineering, Russia at RUAS, March 2018**

St. Petersburg State University of Architecture and Civil Engineering (Russia) students came to RUAS to undertake International Internship "Aspects of Modern Civil Engineering" from March 15 to 26, 2018. Apart from classes at the Civil Engineering Department and RUAS laboratories and workshops, Russian students had the chance to learn about present-day construction technologies and skills in India. They visited a few construction sites in Bangalore as part of their study. They also explored Ancient Indian archeological heritage as part of their professional history and cultural program. Russian students got the chance to attend events at AKAIRA-2018 festival held by RUAS which became a cultural exchange experience.



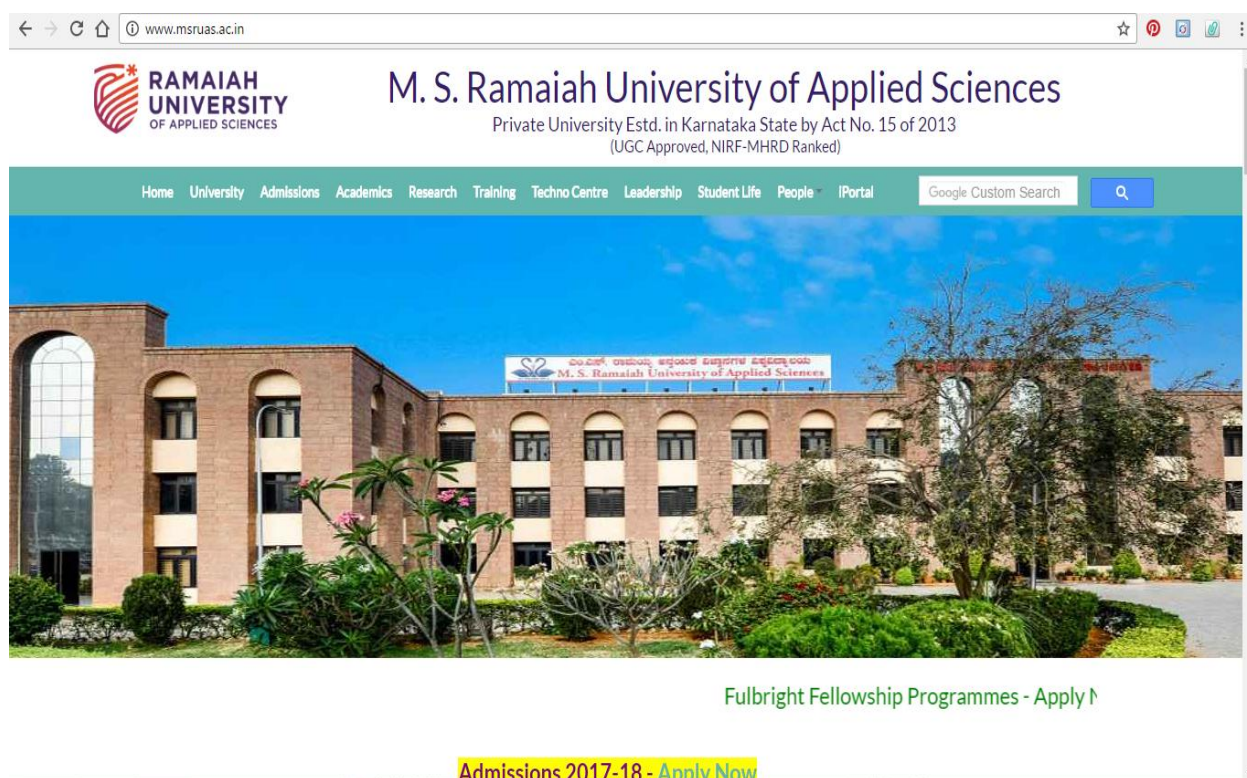


### 13. Press and Publicity

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. Some extracts of the University's activities publicized in the media are reproduced below:

#### University Website

[www.msruas.ac.in](http://www.msruas.ac.in) is the URL of M. S. Ramaiah University of Applied Sciences







# THE NEW INDIAN EXPRESS

## Ramaiah University of Applied Sciences awarded QS-IGAUGE Gold University Rating



QS I-GAUGE Rating, a comprehensive and independent rating system for Indian Universities and Colleges, which is built on the success of the globally recognised QS Star University ratings and is a response to a call from inside India for a rating system that is "built" for Indian institutions, has awarded Ramaiah University of Applied Sciences the Gold University Rating after a rigorous and independent data collection and analysis against performance metrics set out in QS I-GAUGE methodology. QS I-GAUGE has been developed and adapted to capture the reality of the dynamic Indian higher education sector. It offers Indian institutions an opportunity to effectively benchmark their performance and to develop strategies for upgrading their institutional performance.

Pranab Mukerjee, Former President handed over the award to Prof. S.R.Shankapal, VC, Ramalah University of Applied Sciences in the award ceremony organised in New Delhi on 21st March 2018.

## RUAS Inter University/Collegiate Basketball Tournament for Men and Volleyball Tournament for women.

ವಿಜಯವಾಣಿ ಪಂ 1

## ಆಟಗಾರ್ತಿಯರಿಗೂ ಮೀಸಲು ಒದಗಿಸಿ ಅಂತಾರಾಷ್ಟ್ರೀಯ ವಾಲಿಬಾಲ್ ಪಟು ರೋಹಿಣಿ ಮನವಿ » ಅಂತರ ಕಾಲೇಜು ಟೂರ್ನಿ

■ ವಿಜಯವಾಣಿ ಸುದ್ದಿಜಾಲ ಪೀಠ್ಯ ದಾನಸಹಳ್ಳಿ ಮಹಿಳಾ ಕ್ರೀಡಾಪಟುಗಳಿಗೆ ಸರ್ಕಾರಿ ನೌಕರಿಯಲ್ಲಿ ಮೀಸಲಾತಿ ಒದಗಿಸಬೇಕು ಎಂದು ಅಂತಾರಾಷ್ಟ್ರೀಯ ವಾಲಿಬಾಲ್ ಪಟು ಎಚ್. ರೋಹಿಣಿ ಮನವಿ ಮಾಡಿದ್ದಾರೆ. ಪೀಠ್ಯದ ರಾಮಯ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯದಲ್ಲಿ ನಡೆದ ಅಂತರ ಕಾಲೇಜು ವಾಲಿಬಾಲ್ ಟೂರ್ನಿ ಉದ್ಘಾಟನೆ ಮಾಡಲಾಯಿತು. ಕ್ರೀಡೆಗಳಲ್ಲಿ ಪಾಲ್ಗೊಳ್ಳುವುದರಿಂದ ಆತ್ಮವಿಶ್ವಾಸ ಬರುತ್ತದೆ. ಮಾನಸಿಕವಲ್ಲದೆ ದೈಹಿಕ ಬೆಳವಣಿಗೆ ಕ್ರೀಡೆ ಸಹಕಾರಿ ಆಗುತ್ತದೆ. ಅಲ್ಲದೆ, ಕ್ರೀಡಾ ಕ್ಷೇತ್ರದಲ್ಲಿ ಸಾಧನೆ ಮಾಡಿದರೆ ಉತ್ತಮ ಭವಿಷ್ಯ ರೂಪಿಸಿಕೊಳ್ಳಬಹುದು ಎಂದು ಹೇಳಿದರು. ರಾಮಯ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಪತಿ ಎಸ್. ಆರ್. ಶಂಕರ್‌ಪಾಲ ಮಾತನಾಡಿ, ಅಂತರಕಾಲೇಜು ಕ್ರೀಡಾಕೂಟದಲ್ಲಿ 30ಕ್ಕೂ ಹೆಚ್ಚು ಕಾಲೇಜುಗಳ ತಂಡಗಳು ಪಾಲ್ಗೊಂಡಿವೆ. ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಕ್ರೀಡಾಸಕ್ತಿ ಪ್ರೋತ್ಸಾಹಿಸುವ ನಿಟ್ಟಿನಲ್ಲಿ ಕ್ರೀಡಾಕೂಟ ಆಯೋಜನೆ ಮಾಡಲಾಗಿದೆ ಎಂದರು. ಕ್ರೀಡೆಗಳಲ್ಲಿ ಸೋಲು-ಗೆಲವು ಸಾಮಾನ್ಯ. ಪಾಲ್ಗೊಳ್ಳುವಿಕೆ ಮುಖ್ಯ ಎಂದು ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಕಿವಿಮಾತು ಹೇಳಿದರು. ಅಂತಾರಾಷ್ಟ್ರೀಯ ಬಾಸ್ಕೆಟ್ ಬಾಲ್ ಕ್ರೀಡಾಪಟು



ಅಸ್ತೀನ್ ಬಿ. ಬಾಸ್ಕೆಟ್ ಬಾಲ್ ಮಾತನಾಡಿ, ಭಾರತ ಬಾಸ್ಕೆಟ್ ಬಾಲ್‌ನಲ್ಲಿ ಟಾಪ್ ಎಂಟನೇ ಸ್ಥಾನದಲ್ಲಿದೆ. ಮುಂದಿನ ದಿನಗಳಲ್ಲಿ ಪ್ರಥಮ ಸ್ಥಾನ ಪಡೆಯಲು ಕ್ರೀಡಾ ಪಟುಗಳು ತಯಾರಿ ನಡೆಸಿದ್ದಾರೆ. ಸರ್ಕಾರಗಳು ಸಹ ನೆರವು ನೀಡುತ್ತಿವೆ ಎಂದರು. ಪ್ರಾಧ್ಯಾಪಕ ದಯಾನಂದ, ಕುಮಾರ, ಆಡಳಿತಾಧಿಕಾರಿ ಗೌತಮ್ ಉಪಸ್ಥಿತರಿದ್ದರು.

ಪೀಠ್ಯದ ರಾಮಯ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯದಲ್ಲಿ ಹಮ್ಮಿಕೊಂಡಿದ್ದ ಅಂತರ ಕಾಲೇಜು ವಾಲಿಬಾಲ್ ಕ್ರೀಡಾ ಕೂಟವನ್ನು ಅಂತಾರಾಷ್ಟ್ರೀಯ ವಾಲಿಬಾಲ್ ಪಟು ರೋಹಿಣಿ ಉದ್ಘಾಟಿಸಿದರು.

THE HINDU



### Sports

Ramaiah Inter university/Collegiate Basketball Tournament for Men and Volleyball Tournament for Women was recently held.

13 teams participated from various universities and colleges. Ms Rohini H, International Volleyball Player, Ekalavya Awardee inaugurated the Volleyball Tournament for Women.

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## TV Interviews

Shri Krishna Byre Gowda, Minister for Agriculture, GOK with Chancellor Dr. M. R. Jayaram



Chief HR Manager Mr. Arup Bhattacharya in Public TV



RUAS Inter University / Collegiate Basketball Tournament for Men and Volleyball Tournament for Women





## Annexures

- Annexure 1 - Board of Studies List
- Annexure 2 - Proctoral System
- Annexure 3 – UG Annual Calendar
- Annexure 4 - PG Annual Calendar
- Annexure 5 - UG Annual Time Table
- Annexure 6 - PG Annual Time Table
- Annexure 7 - Staff - Student Committee- Minutes of Meeting
- Annexure 8 - Student Feedback form
- Annexure 9 - Feedback Analysis Report
- Annexure 10 - Overall summary of Feedback
- Annexure 11 – Student Performance
- Annexure 12 - PhD Scholar Details
- Annexure 13 – Staff List
- Annexure 14 – Summary of Placements
- Annexure 15 - Software List
- Annexure 16 - Details of Patents