

Annual Report

(For Year Ended 31st March 2014)



M. S. Ramaiah University of Applied Sciences

University House, New BEL Road, MSR Nagar, Bangalore – 560 054

www.msruas.ac.in

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1. Preamble

M. S. Ramaiah University of Applied Sciences (MSRUAS) is a private University established by an Act of the State of Karnataka. The University's operations commenced from 30th December 2013 following the issue of Notification No. ED 103 UNE 2013.

The University was formally inaugurated on 18th March 2014. MSRUAS is sponsored by Gokula Education Foundation (Medical), a Public Charitable Trust of M. S. Ramaiah family. MSRUAS 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.

M. S. Ramaiah University of Applied Sciences has broadly organised its activities under the following divisions – Academics, Research, Training and Lifelong Learning, Techno Centre and Centre of Transferable Skills and Leadership Development. Academic Operations of the University commenced with effect from academic year 2014 – 15. This includes 7 Faculties comprising 34 Academic Departments, a Directorate for Quality Control, Educational Processes and Educational Technologies and a Directorate for Student Placement, Welfare and Career Advice. Presently the University offers 16 Academic and Doctoral level programmes and 68 Undergraduate and Postgraduate courses. The University has also established separate Directorates for imparting Training, Skills Development and Lifelong Learning programmes and Consultancy services for Industry, Government and other Public and Private Institutions through its Techno Centre.

The University is included in the List of Universities issued by University Grants Commission (UGC). The information requested by UGC in its Proforma for ascertaining UGC norms and standards has been submitted and the dates for UGC representatives to visit the University are awaited.

2. M. S. 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, eldest son of Dr. M.S. Ramaiah is the Chairman of this Trust and other family members are the 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. Indirani	Advisor
13.	Shri. M.J. Shantharam	Advisor

14.	Shri. M.S. Rajaram	Advisor
15.	Smt. 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.	M. S. Ramaiah Medical College	1979
2.	M. S. Ramaiah Medical Teaching Hospital	1984
3.	M. S. Ramaiah Memorial Hospital	2004
4.	M. S. Ramaiah School of Advanced Studies	1999
5.	M. S. Ramaiah Advanced Learning Centre	2012
6.	M. S. Ramaiah Dental College	1991
7.	M. S. Ramaiah College of Pharmacy	1992
8.	International Medical School	2006
9.	M. S. Ramaiah Gokula Ayush Arogyadhama	2008
10.	M. S. Ramaiah College of Hotel Management	1993
11.	M. S. Ramaiah Rehabilitation Centre	2012
12.	M. S. Ramaiah Institute of Neuro Sciences	2012

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

1.	M. S. Ramaiah Institute of Technology	1962
2.	M. S. Ramaiah College of Law	1995
3.	M. S. Ramaiah Institute of Management Studies	1995
4.	M. S. Ramaiah Vidyanikethan	1994
5.	M. S. Ramaiah College of Education	2010
6.	M. S. Ramaiah College of Arts, Science and Commerce	1994
7.	M. S. Ramaiah Composite Junior College	1993
8.	M. S. Ramaiah Polytechnic	1997

The educational institutions under each Trust are managed by a group of professionals with each group being headed by a Chief Executive. While the majority of the MSR Institutions are located at the Gnanagangothri Campus, New BEL Road, Bangalore, the others are located in and around the City. The Institutions are very popular all over India and around 14,000 students study in these institutions.

Launching of the University

The University was formally launched on 18th March 2014. The University was launched by Padma Vibhushan Dr. Anil Kakodkar, Chairman, TIFAC, New Delhi. Dr. Prahlad Rama Rao, Vice Chancellor, Defence Institute of Advanced Technology, Pune delivered the presidential address. Mr. Ravi Pandit, Chairman and Group CEO, KPIT Technologies Ltd. inaugurated the University House. Many foreign and Indian delegates were present at the function.



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

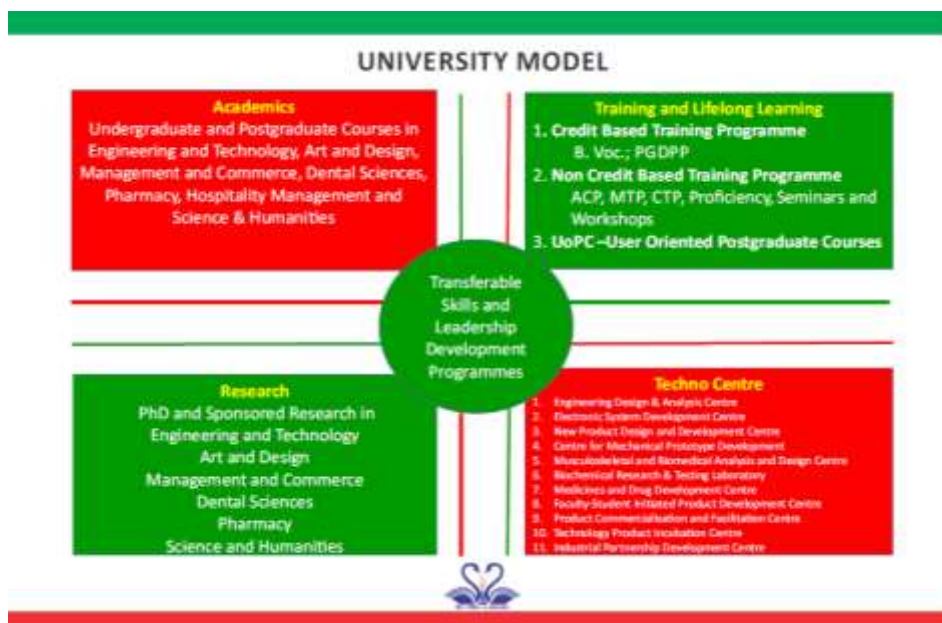
Our purpose is the creation and dissemination of knowledge. We are committed to creativity, innovation and excellence in our teaching and research. We value integrity, quality and teamwork in all our endeavors. We inspire critical thinking, personal development and a passion for lifelong learning. We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



University Logo



The University's logo has two Swans, a Book and a Lamp as graphic elements with the words "JnanamVignyanam 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 logo as a whole represents the objective of the University to generate and disseminate knowledge for the larger good of the society we live in.

Philosophy

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

Chancellor's Message

Dr. M. R. Jayaram is the Chancellor of the University and following is the message of the Chancellor.

Our Trust, Gokula Education Foundation, has completed 50 years of its existence. We have just concluded the Golden Jubilee celebrations. The vision of one man, late Sri. M. S. Ramaiah, our beloved father, made this to happen. He started Gokula Education Foundation which gave birth to the first institution, M.S.Ramaiah College of Engineering, with a humble beginning of 80 students and two branches. It has now become 25 institutions ranging from engineering sciences, health sciences and general sciences. I attribute this growth and popularity to the core philosophy which has been set by the visionary late Sri. M. S. Ramaiah, that is

“To deliver education and health care for the betterment of the mankind”

I propose to retrospect on this philosophy to guide us to achieve a greater prospects for the M. S. Ramaiah University of Applied Sciences.

Education is seen as a journey – undertaken with the exploration in mind and soul. Through this journey we learn and evolve certain human values. Human values are constant and have to be interpreted and re-interpreted in every new and changing, complex realities. During times of crisis/change, human values remain constant. Our values enable us to address complex crisis observed in the contemporary world.

Today, we witness a sense of awakening to re-visit our indigenous philosophical texts about value-based education. Whilst there are examples of education systems across globe who ignore reflections. While we see the latter perspectives emerging rather rapidly particularly in our neighborhood. I would like to pose a caution. Countries in our neighborhood including ours, once considered as islands of excellence in education, today are leading towards islands of mediocrity, in the sea of modern/western education.

I would like to reflect on what education should do for the Country, the need for us to introspect on how freedom (of thought/nurturing) and responsibility (for nature) are inextricably linked, how education should build our democratic and demographic dividend and enhance sustainable development, and India's place in the World.

Traditionally, Universities in India were established with a task for comprehensive social emancipation. The centers of higher learning in the subcontinent like the Taxila (earlier to 5th century BC) and Nalanda (giver of knowledge -6th Century AD) thrived in a climate of eclecticism, freedom and cross-cultural knowledge sharing. Thus, establishing an active partnership between the Universities and society towards social transformation.

The larger philosophy of the universities underwent a phase of westernization during the colonial regime in this region. As stated by Macaulay in his minutes on Indian education in 1835 stated that the purpose of the universities in India would be to produce a new generation of English speaking Indians – loyal to the British crown – to act as an army of clerks.

I have travelled across the length and breadth of India and I have not seen one person who is a beggar, who is a thief. Such wealth I have seen in this country, such high moral values, people of such caliber, that I do not think we would ever conquer this Country, unless we break the very backbone of this nation, which is her spiritual and cultural heritage, and therefore, I propose that we replace her old and ancient education system, her culture, for if the Indians think that all that is foreign and English is good and greater than their own, they will lose their self-esteem, their native self-culture and they will become what we want them, a truly dominated nation

- Lord Macaulay's speech in the British Parliament on 2nd February 1835

One of our great Indian modern thinkers like Sri. Aurobindo outlines fundamental principles of integral education. The first is that "nothing can be taught". He indicated that the proper role of the educator is not to instruct or impart knowledge to the pupil, but rather to help and guide the student in acquiring knowledge for herself or himself.

The second principle is related to the first. It is that "the mind has to be consulted in its own growth". This means, again not to impose knowledge on the pupil, nor to arrange for the student to develop particular qualities, capacities, ideas or a prearranged career.

The great modern historian Arnold Toynbee in his "A study of history", describes the rise and fall of 23 civilizations in human history. One of the attractive things about the book is that it draws attention to the fact that there have been many highly developed civilizations in human history. Understandably, history lessons in the west focus on western civilization and its roots in the Greek and Roman cultures, but the achievements of the Chinese, Indian, Mayan, Islamic and many other civilizations deserve recognition and their successes and failures merit discussion. According to Toynbee, civilization start to decay when they lose their moral fiber and cultural elite turns parasitic, exploiting the masses and creating an internal and external proletariat.

China's higher education has expanded at an unprecedented pace since 1999 generating the much needed momentum for China to complete the transition from elite to mass higher education in 2002, well ahead of the targeted year of 2010. Many a times such explosive expansion may lead to cultural contraction.

I do not deny the role and relevance of education for employment, but I am critical about the fact that employment should not be the only goal of education and educational institutions, but a thoughtful combination of education for social emancipation and employment. Thus, develop a knowledge base that could link (effectively) the learner with the society and create a sustainable world.

Sri. Radhakrishna, great philosopher, in his talk about education tells, any satisfactory system of education should aim at a balanced growth of the individual. It should insist on both knowledge and wisdom. It should not only train the intellect, but also bring grace into the heart of man. Wisdom is more easily gained through the study of literature, philosophy and religion. The need of the hour is to rekindle our ancient wisdom and align the same with the contemporary needs and construct a hybrid of these two divergent orientations and develop a model education system, which adapts to both the East and West.

Education system in the east ought to envision such a combination. It is time to revisit our ancient wisdom on education with focus on value-based education and cater to the contemporary needs of labour market. We need to re-invent ourselves and develop an education model that is based on the philosophy of social responsibility.

While we reinvent there is need to focus on promoting creative and critical thinking among the key actors of the University. The contemporary world is changing at a rapid pace, causing more challenges to the mankind and the nature we live-in. In my opinion, a crisis-ridden world needs creative and critical response and an education model that focuses on this aspect is the way forward. I suggest M.S. Ramaiah University of Applied Sciences to run on this philosophy and work for the larger good.

Vice Chancellor's Message

Prof. S. R. Shankapal is the Vice Chancellor of the University and the following is the message of the Vice Chancellor

We all aspire to live in a developed nation. We all want India to be a prosperous and happy nation. Social Capital is a key ingredient of a developed and happy nation and it includes the values, principles, institutions and social habits. Universities help build social capital of a country. The function of a university is to generate and disseminate knowledge and equip its graduates with socially relevant knowledge and skills thereby enriching the nation's social capital. This is what will lead to sustainable economic development. The country will then have efficient transport, sanitation, energy and communication systems and provide a decent standard of living to its citizens.

In India, at present, 25 million students enter into tertiary education annually. The tertiary education sector comprise approximately 645 degree awarding institutions, 33,000 colleges and 12800 diploma granting institutions. Educational institutions in India are classified into three tiers. The first tier institutions including the IITs admit around 10000 students, the 2nd tier institutions admit around 40000 students, while the remaining students register with the third tier institutions. The graduates of the third tier institutions are the main workforce today.

At present, statistics show that not more than 15% of the students graduating from third tier institutions are immediately employable. The reasons are many –institutions lack adequate or appropriate infrastructure, the education system is not student centric, lack of teaching and learning resources and perhaps many constraints imposed by the Government and parents of the student community. It is quite a challenge to balance access/equity, cost and quality. Another key challenge we encounter is the absence of pride amongst the teaching community which has not been able to assert its role in the economic development of the country. To quote C.S. Lewis, one of the intellectual giants of the 20th century,

“The task of the modern educator is not to cut down jungles, but to irrigate deserts”.

Nevertheless, the likes of Satya Nadella, IndraNooyi, Naryana Murthy, KiranMazumdar Shaw and hundreds of industry and business leaders of today come from third tier institutions. If these third tier institutions are nurtured, it is likely that more and more industry and business leaders emerge and contribute to the economic growth of this country.

We are fortunate that our Sponsoring body Gokula Education Foundation (Medical) and our Chancellor, Hon’ble Dr. M.R. Jayaram have provided more than 100 acres of land for the University, the sponsoring body has created an excellent infrastructure for the University, the members of faculty have developed Student Centric –Outcome based curriculum and Educational System for all our courses. We have a committed, motivated, qualified, experienced teaching community that is passionate and student loving. We are determined to compete with the best educational institutions in the country and I am sure that we are a force in the field of higher education and in due course we may feature as a university of national importance.

We have deployed robust educational processes and have created an innovative and creative environment to convert even the average input to the university into a useful and effective output. The educational system we practice is instilling self-confidence in students and helping them to develop cognitive abilities in addition to knowledge, practical and transferable skills. We have created opportunities for the members of our faculty and our students to continuously upgrade and

keep their motivation high through interactions with industry, business, research establishment, universities, industry and business leaders and learned scholars in India and abroad. Let me quote from Plutarch, a Roman Historian, to this August gathering that

“The mind is not a vessel to be filled, but a fire to be kindled.”

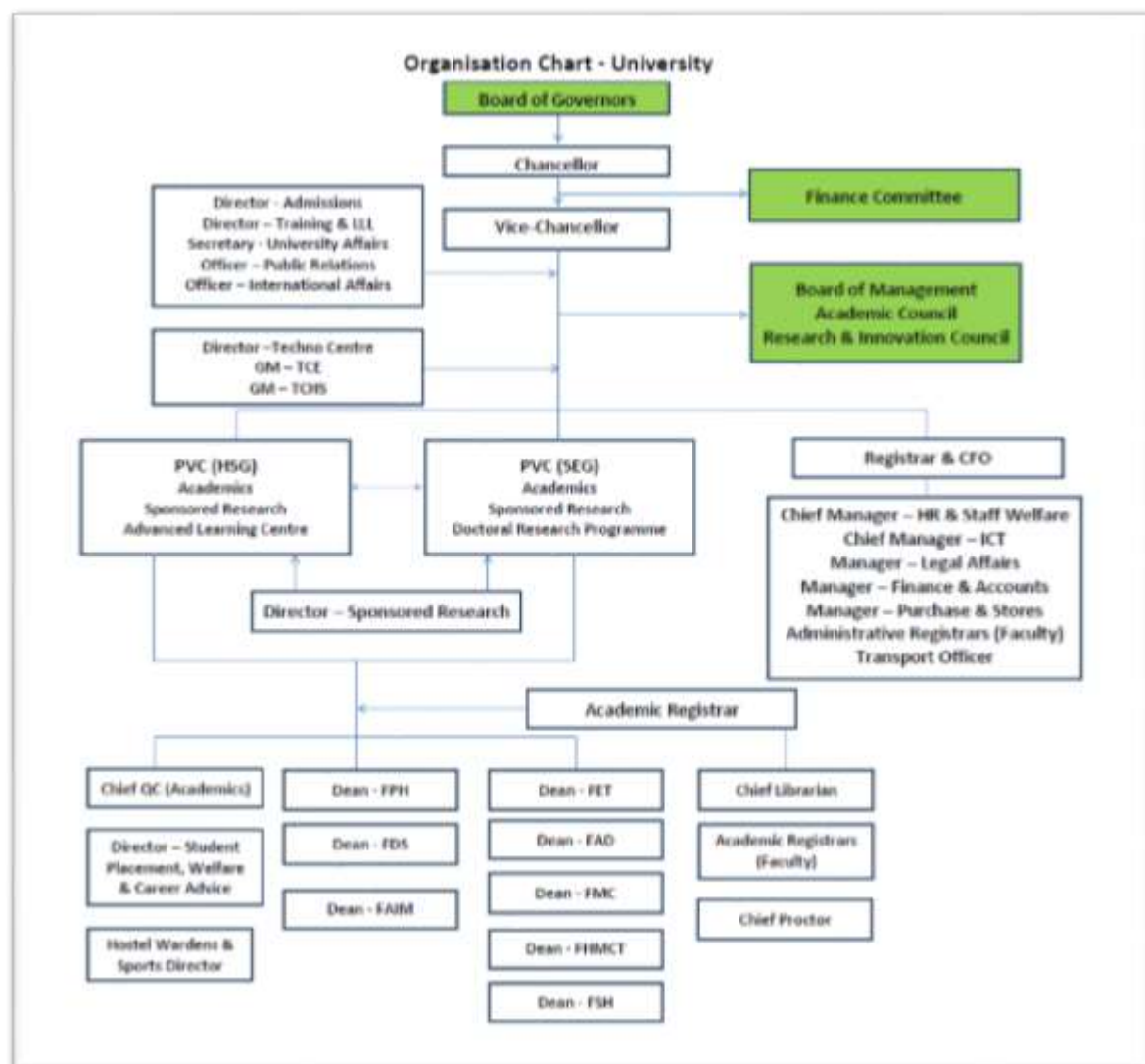
And that is what exactly we want to practice at MSRUAS.

3. University Governance

The management of the University's affairs 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 and the Finance Committee.

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

Organisation Chart



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 , HE, GoK	Member	GoK
5	Principal Secretary, ME, GoK	Member	GoK
6	Dr. K.R.S.Murthy, Former Director IIM, Bangalore	Member	GoK
7	To be nominated	Member	UGC
8	Dr. Y.S. Rajan - Honorary Distinguished Professor, ISRO	Member	Chancellor
9	Dr. R. Natarajan, Former Director IIT, Chennai, Former Chairman, AICTE	Member	Chancellor
10	Prof. S.R. Shankapal (VC)	Member	Chancellor
11	Dr. D.C. Sundaresh(PVC-HSG)	Member	Chancellor
12	Prof. Govind R. Kadambi(PVC-SEG)	Member	Chancellor
13	CA. 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	Dr. D.C. Sundaresh	Pro Vice Chancellor (HSG)	Member	Chancellor
5	Prof. Govind R. Kadambi	Pro Vice Chancellor (SEG)	Member	Chancellor
6	CA. N.C. Shekar	Registrar & CFO	Member - Secretary	Chancellor
7	Prof. Saraswati G. Rao	Academic Registrar	Member	Chancellor
8	Prof. H.K. Narahari	Dean-FET	Member	Vice Chancellor
9	Prof. B.V. Sreenivasa Murthy	Dean-FDS	Member	Vice Chancellor

10	Prof. V. Madhavan	Dean – FPH	Member	Vice Chancellor
11	Prof. Abby Mathew	Dean – FHMCT	Member	Vice Chancellor
12	Prof. C. Gopinath	Acting Dean – FAD	Member	Vice Chancellor
13	Prof. H.N. Nagesha	Acting Dean – FMC	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	Membership
1	Dr. S. R. Shankapal	Vice Chancellor	Chairperson
2	Dr. D. C. Sundaresh	Pro Vice Chancellor (HSG)	Member
3	Dr. Govind R. Kadambi	Pro Vice Chancellor (SEG)	Member
4	Mr. N. C. Shekar	Registrar & CFO	Member
5	Dr. Saraswathi G. Rao	Academic Registrar	Member - Secretary
6	Dr. H.K. Narahari	Dean-FET	Member
7	Dr. B.V. Sreenivasa Murthy	Dean-FDS	Member
8	Dr. V. Madhavan	Dean – FPH	Member
9	Prof. Abby Mathew	Dean – FHMCT	Member
10	Prof. C. Gopinath	Acting Dean – FAD	Member
11	Prof. H. N. Nagesha	Acting Dean – FMC	Member
12	Dr. M. R. Srinivasan	Dean – FSH	Member
13	Prof. Eugene Lai	Nottingham Trent University, UK	Member
14	Dr. Gurmail Singh	Nottingham Trent University, UK	Member
15	Dr. M.S. Bhat	NITK, Surathkal	Member
16	Dr. Salma Khanam	Al-Ameen College of Pharmacy, Bangalore	Member
17	Ms. Mamata N.Rao	NID, Bangalore	Member
18	Prof. K.K. Choudhary	ISI, Bangalore	Member
19	Dr. K. Krishnaraj	Himalaya Drug Company	Member
20	Dr. S.H. Srinivasan	Amazon, Bangalore	Member
21	Mr. Baskaran R.	BOSCH Ltd., Bangalore	Member
22	Prof. H. L. Bhat	IISc, Bangalore	Member
23	Prof. MythilyRamaswamy	Centre for Applicable Mathematics, Tata Institute of Fundamental Research	Member
24	Dr. Ramesh	Mount Carmel College, Bangalore	Member
25	Dr. Bharat Shetty Y.	Vice President - Dental Council of India	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	Chairperson
2	Dr. D. C. Sundaresh	Pro Vice Chancellor (HSG)	Member
3	Dr. Govind R. Kadambi	Pro Vice Chancellor (SEG)	Member- Secretary
4	Mr. N. C. Shekar	Registrar & CFO	Member
5	Dr. Saraswathi G. Rao	Academic Registrar	Member
6	Dr. H.K. Narahari	Dean-FET	Member
7	Dr. B.V. Sreenivasa Murthy	Dean-FDS	Member
8	Dr. V. Madhavan	Dean – FPH	Member
9	Prof. Peter White	Coventry University, UK	Member
10	Prof. Raghunandan	IISc, Bangalore	Member
11	Dr. Girija Goplaratnam	NAL, Bangalore	Member
12	Dr. M.S. Muthu	Sri Ramachandra University, Porur, Chennai	Member
13	Dr. T. Thanga Mariappan	R & D Centre, Biocon Bristol Myers Squibb, Bangalore	Member
14	Mr. K. M. Sharath Kumar	Asst. Director – Sponsored Research	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 Profession	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	Mr. 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 - Secretary	Chancellor

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

1. Faculty of Engineering and Technology (FET)
2. Faculty of Art and Design (FAD)
3. Faculty of Management and Commerce (FMC)
4. Faculty of Hospitality Management and Catering Technology(FHMCT)
5. Faculty of Pharmacy(FPH)
6. Faculty of Dental Sciences(FDS)
7. Faculty of Science and Humanities (FSH)

Directorates of the University

The University has established 5 Directorates. Of these the following Directorates support the Academic and Research activities and Programmes of the University:

1. Directorate of Student Placement, Welfare and Career Advice(SPWCA)
2. Directorate of Quality, Educational Processes and Educational Technologies(QEPET)
3. Directorate of Sponsored Research (DSR)

The following Directorates focus on offering training, skill development courses and programmes and consultancy services to industry:

1. Directorate of Training and Lifelong Learning (TLLL)
2. Techno Centre (TC)

Departments of the University

There are 34 Departments in the University through which various academic courses of the University are offered. The following table shows the different Departments of respective Faculties.

S. 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
4	FHMCT	Management Studies - Hospitality
		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	FSH	Physics
		Chemistry
		Mathematics
		Humanities & Social Sciences

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.

S. 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)
		Master of Hospitality Management (MHM)
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	FSH	Master of Science (M. Sc.,)
Doctoral Programme leading to Ph. D. degree		All Faculties offer the Doctoral Programme

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.	1. Civil Engineering	60
		2. Computer Science and Engineering	60
		3. Electrical and Electronics Engineering	60
		4. Electronic and Communication Engineering	60
		5. Mechanical Engineering	60
	M. Tech.	1. Automotive Engineering	24

		2. Automotive Product Design	24
		3. Automotive Powertrain Design	24
		4. Turbomachinery Design	18
		5. Aircraft Design	18
		6. Advanced Machinery Design	24
		7. Advanced Manufacturing Technologies	24
		8. Engineering and Manufacturing Management	24
		9. Civil Structural Design	24
		10. Construction Engineering and Management	18
		11. Electrical Machinery Design	18
		12. Sensors and Control Systems Engineering	18
		13. Biomedical Engineering	18
		14. Electronics System Design Engineering	18
		15. Digital Signal and Image Processing	18
		16. Signal Processing and Communication Technologies	18
		17. VLSI-System Design	24
		18. Computer Science and Networking	24
		19. Real Time Embedded Systems	24
		20. Automotive Electronics	18
Art and Design	B. Des.	1. Product Design	60
		2. Visual Communication	60
	M. Des.	1. Product Design	24
		2. Commercial and Retail Design	18
		3. Rural Product Design	18
		4. Computer Animation and Game Design	18
		5. Fashion Design	18
Management and Commerce	MBA	1. Marketing Management	120
		2. Human Resources Management	
		3. Financial Management	
		4. Operations Management	
		5. Small Business and Entrepreneurship	
	MHA	1. Masters in Hospital Administration	25
	M.Com.	1. Accounting and Taxation	30
		2. Banking and Finance	
Hospitality Management and Catering Technology	BHM	1. Bachelor of Hotel Management	90
	MHM	1. Food Service Management	45
		2. Rooms Division Management	
		3. Hospitality Finance & Marketing	
Pharmacy	B. Pharm.	1. Bachelor of Pharmacy	60
	Pharm. D.	1. Doctor of Pharmacy	30

	M. Pharm.	1. Pharmacognosy		10
		2. Pharmaceutical Chemistry		10
		3. Pharmaceutics		18
		4. Pharmacology		18
		5. Pharmaceutical Analysis		18
		6. Pharmaceutical Quality Assurance		18
		7. Pharmacy Practice		18
		8. Pharmaceutical Technology		18
		9. Herbal Drug Technology		18
Dental Sciences	B.D.S.	1. Bachelor of Dental Surgery		60
	M.D.S.	1. Oral Medicine and Radiology		3
		2. Periodontics		6
		3. Oral and Maxillofacial Surgery		6
		4. Conservative Dentistry and Endodontics		6
		5. Orthodontics and Dentofacial Orthopaedics		6
		6. Oral Pathology and Microbiology		3
		7. Public Health Dentistry		3
		8. Pedodontics and Preventive Dentistry		6
		9. Prosthodontics including Crown and Bridge		6
Science and Humanities	M.Sc.	Physics	Advanced Solid State Physics	30
			Optoelectronics	
			Nuclear Physics and Technology	
		Chemistry	Analytical Chemistry	30
			Industrial Chemistry	
			Medicinal Chemistry	
		Mathematics	Applied Mathematics	30
Doctoral Programme	Ph. D.	All Faculties		Depending on Number of Guides Available in the University

Directorate of Quality Control, Educational Processes and Educational Technologies

The objectives of the Directorate 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 Control Directorate

1. Collect Student Feedback forms from Examination and Assessment section, Analyze Student Feedbacks and create consolidated report
2. Collect Faculty Feedback forms from Examination and Assessment section, Analyze Faculty Feedback and create consolidated report
3. The consolidated feedback forms of student feedback and faculty feedback is required to be submitted to the Dean of the respective Faculties 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 forms from Examination and Assessment section, 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 Department

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. Graduands 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 office of Head Quality Control (Academics) prepares an analysis report and submits it to the Chief - Quality Control
- b. The Chief – Quality Control 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, 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 table below summarizes the proctors at each Faculty:

Chief Proctor	Dr. Pushpanjali K	
Faculty	Head Proctor	Proctors
FET	Mrs.Nayana Patil	Ms.B. K. Swathi Prasad Mr. S Nagaraja Rao Mr.KashinathHesaroor Dr. Arulanantham Mr. ShrikrishnaBadiger Mr. ArunKarthik Dr.S. Malathi Mr.K. Vishwanath Mr.Ambresh Dr. H M Rajashekara Swamy Ms. M V Deepthi

		Ms. S Shilpa Ms. Rinki Sharma Mr. K.R. Narasimha Murthy Ms. P. Padma Priya Dharishini
FAD	Mr. Lohit	Mr. Srinivas
FDS	Dr. Swaroop Hegde	Dr. Ravishankar Dr. Harshitha Gowda Dr. Shruthi N
FPH	Dr. Bharath	Mrs. Suma Mr. K Sundara Saravanan Mrs. Sindhu Abraham Mrs. Sindhu Abraham Mrs. VijayaBhanu Dr. Anbu
FHMCT	Mrs. Neena Joshi	Dr. Linda Daniel Mr. Mruthyunjaya V Pagad Mr. Srikanth N Ms. Sandhya Anil Kumar

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 course offered by the different Faculties. The committee comprises the Dean, Academic Registrar (Faculty), Administrative Registrar (Faculty), HODs, Class Representatives and other member(s) invited by the Dean. Committee meetings are scheduled during the middle of each semester.

During the committee meetings the following issues are discussed and suitable action plans are initiated:

- a. Student Academic issues
 - I. Curriculum
 - II. Course Delivery
 - III. Test and Assignment and their Assessment
- b. Student Teaching and Learning Support
 - I. Programme Operations
 - II. Test and Assignment and their Assessment
 - III. Library
 - IV. ICT
 - V. Laboratories & Workshops
- c. Student Amenities

- I. Hostel & Cafeteria
- II. Sports & Recreation
- d. Any other matter with the permission of the Chair

The below figure shows a glimpse of the meetings held:



Student Feedback System

The Directorate of Quality, Educational Processes and Educational Technologies (QEPET) collects student feedback forms from Undergraduate students twice in a semester and for every Module from Postgraduate students and perform Feedback Analysis for initiating remedial actions.

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 2014-15.

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 2014-15.

5. Research

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

Doctoral Programmes

Students can opt for 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 Pharmacy

Faculty of Dental Sciences

Faculty of Science and Humanities

The aims of doctoral research programme are

1. To produce researchers who can advance theory and practice in Science, Engineering, Health, Humanities and Business, and enhance the contributions 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 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 Toxicity Studies.

Sponsored Research

The University has actively worked with National and International organisations in government, public and private sectors to carryout research and generate knowledge for the benefit of the Society. Research Organisations 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 have undertaken more than 90 funded research projects and have filed more than 50 patents.

Sponsored Projects Undertaken

Name of the Project	Sponsoring Agency	Principal Investigator	Other Investigators
Development Studies on Bubbled-Armour Structure Concept for Penetration Resistance to 7.62mm Class AP Shot	DRDO - CVRDE	Dr. B.V. Vijay	Dr. S. Srikari Mr. V. Nithin
Development of Multifunctional Agricultural Robot	GOK- Agriculture Dept. UAS – Dharwad UAS – Raichur UAHS – Shimoga UAS – Bangalore	Prof. S.R. Shankapal	Mr. B.U. Balappa Mr. Monish Gowda Mr. A.C. Lokesh Mr. S.N. Nagananda Mr. B. Nagaraja
Development of Vision Based Autonomous System for Navigating an MAV through a Tunnel	AR & DB-SIGMA	Prof. S.R. Shankapal	Prof. Govind R. Kadamby Mr. B. Nagaraja Mr. K.R. Prashanth
Development of MoS ₂ Nanorods for Photovoltaic Applications	SERI - DST	Dr. S. Srikari	Prof. S.R. Shankapal
Ongoing Projects			
Characteristic of Shock Vector Controlled Fluidic Thrust Vectoring System for Jet Engine	AR & DB	Prof. S.R. Shankapal	Prof. H.K. Narahari Mr. Ananthasha
Design and Development of Autonomous Micro Helicopter	NP-MICAV	Mr. J. Madan	Mr. PuneethPuri

Design, Fabrication and Testing of Chemical Sensors	NP-MICAV	Dr. S. Malathi	Mr. VVSN Sitaram Gupta
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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	Number of Publications	Conference	Journal	Exhibitions/Shows/ Articles
FET	28	12	16	-
FAD	10	1	7	2
FMC	2	1	1	-
FSH	6	2	4	-
FDS	70	35	35	-
FPH	17	1	16	-
FHMCT	1	-	-	1
Total	134	52	79	3

Patents

Faculty	Number of Patents Filed	Number of Patents Awarded	Indian	International
FET	33	2	33	2
FAD	9	-	9	-
FMC	-	-	-	-
FSH	-	-	-	-
FDS	3	-	3	-
FPH	3	-	3	-
FHMCT	-	-	-	-
Total	48	2	48	2

University Journal Publication

Name of the Journal	Volume No	Date of Publication
SASTech Journal	13	20 November 2014* (To Be Published)
Journal of Dental and Orofacial Research (JDOR)	10	20 November 2014* (To Be Published)
UAS Journal of Management and Commerce (UASJMC)	1	20 November 2014* (To Be Published)

University Newsletter

Name of the Newsletter	Volume No	Date of Publication(s)
University Quarterly Newsletter	1	5 July 2014 5 October 2014

6. University Staff

The main strength to M S Ramaiah University of Applied Sciences comes from its members of faculty. There are more than 250 highly qualified, experienced and renowned academics and an equal number of 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		Total	Number of Ph.D. Holders
		Male	Female	Male	Female	Male	Female		
1	Engineering and Technology	7	1	7	2	49	15	81	18
2	Art and Design	-	-	2	-	3	10	15	2
3	Management and Commerce	1	1	3	1	3	5	14	3
4	Science and Humanities	-	1	1	1	10	7	20	11
5	Dental Sciences	10	12	12	12	12	16	74	-
6	Pharmacy	4	1	1	1	6	14	27	9
7	Hospitality Management and Catering Technology	3	1	-	-	7	10	21	1
Total		25	17	26	17	90	77	252	44
Grand Total									

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	105	46	151	83	21	104	255
Grand Total	105	46	151	83	21	104	

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 describes the dates on which the training programmes were conducted for different Faculties of the University.

Type of Training Programme	Dates of Training Programmes Conducted
Curriculum Development	13 th to 20 th February 2014
Course Material Development	13 th to 20 th February 2014
Assessment and Grading	18 th October 2014
Writing Research Proposals for Grants	25 th March 2014
Governance and Management of University	29 th April 2014
Deputes staff for Seminars, Workshops, Conferences at both National and International level	On case to case basis
Organizes Technical Training Programmes	On case to case basis
Induction and Training Programmes for new staff	On case to case basis



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.

1. Staff Insurance and Medical Schemes
2. Incentive Schemes
3. Higher Education Support

7. Directorate of Student Placement, Welfare and Career Advice

Directorate of Student Placement, Welfare & Career Advice 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.

S. No.	Location	Number of Rooms	Accommodation Provision
1	Student Hostel at Peenya, Bangalore	128	250 Students
2	Student Hostel at New BEL Road, Bangalore	250	500 Students

Mess and Cafeteria

The hostels have messes which provide food to the inmates. There are cafeteria which provide refreshments and beverages.

Medical Facilities

University has provided medical facilities to the students. Medical and Dental doctors visit campuses on specified number of hours for four days a week. All students have been provided with medical insurance.

Sports and Games

On each campus, students have been provided with both indoor and outdoor sports facilities and gymnasium. There are two qualified Sports Managers to guide students on sports activities. Student have the opportunity to participate inter departmental, inter faculty, inter collegiate sports competitions and annual sports day events.

The following table describes the infrastructure available for sports and games

Sports and Athletics	Space Availability	Facilities
Cricket	Peenya	Mini Cricket Ground (100 ft. X 233 ft. =23, 300sq.ft.) and Cricket net practice facilities
Football	Peenya	Mini Football Ground (100 ft. X 233 ft. =23300 sq.ft.)

Hockey	Peenya	Mini Hockey Ground (100 ft. X 233 Ft =23300 sq.ft.)
Basket Ball	Peenya / New BEL Road	Basket Ball Court (93.2 ft. X 50 ft. = 4662 sq. ft.)
Volley Ball	Peenya	Volley Ball Court (30 ft. X 60 ft. =1800 sq. ft.)
Throw Ball	Peenya	Throw Ball Court (44 ft. X 60.4 ft. =2657 sq.ft.)
Tennis	New BEL Road	(78 ft. X 36 ft. = 2808 sq. ft.) 2 Courts
Shuttle Badminton	New BEL Road	Shuttle Court (44 ft. X 20 ft. = 880 sq.ft.)
Gymnasium	Peenya / New BEL Road	Sports Centre
Table Tennis	Peenya / New BEL Road	Sports Centre
Carom	Peenya / New BEL Road	Sports Centre
Chess	Peenya / New BEL Road	Sports Centre
Track for Athletics	New BEL Road	200 Metre Track
Yoga and Meditation	Peenya / New BEL Road	Sports Centre



Cultural Activities and Recreation

Students have the facility to access books on general reading, newspaper 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.

Student Competitions and Exhibitions

Students are encouraged to participate technical competitions and exhibitions organised by various Faculties and inter collegiate and inter university competitions.

Following are some examples:

“TOURCHLISTA - Inter Collegiate Photography Competition”

Mr. Pravardhan V. of 1st semester Mechanical Engineering branch of our University Participated in “TOURCHLISTA FESTIVAL” inter collegiate PHOTOGRAPHY competition held at PESIT South campus, Bengaluru on 19 October 2014. The topic Of the Photography theme was diversity. There were competitors from 15 prestigious colleges. He secured 2nd position in the competition.



Creativity at Hospitality

Triumphant students of Faculty of Hotel Management and Catering Technology, Bangalore, came romping home gleefully as they were declared OVERALL WINNERS at the Technical Fest held at KLE College. The fest had events that required creative use of material in novel ways and special accolades are due to each student as each one exhibited a rare talent in creativity and innovation. The winners were Anand(Bakery art),Sreesudha (Linen Art), Moksha (Best from Waste), Heena Khan (Vegetable Carving) and Rohan and Shelley (The Quiz).



World No Tobacco Day - 2014: Essay Competition

An essay competition with the WHO theme of “Raise Tobacco Tax, Lower Death and Disease” for postgraduate students of Faculty of Dental Sciences, MSRUAS was organized. An overwhelming participation by 60 postgraduates was witnessed and cash prizes were awarded to 3 best essays.

Congratulations to:

I prize - Dr Nidhi Gupta, PG from dept. of Conservative and Endodontics.

II prize - Dr Ankit Saxena, PG from dept. of Oral Medicine and Radiology.

III prize - Dr Sanketh, PG from dept. of Oral Pathology.

List of Poster presentations:

1. Dr.Shankargoudapatil , Reader , Dept. of Oral Pathology presented poster on “Lichenoid dysplasia revisited – A review from Indian archives” at the 92nd General Session & Exhibition of the International Association for Dental Research (IADR) held on 25th – 28th June, 2014 in Cape Town, South Africa.
2. Dr. M Barnali, Dr. R Roopa S, Dr. P Shankargouda published the poster titled “Secondhand smoke” in Dent Poster J 2014;3(4):1
3. Dr. A Thirumal Raj, Dr. R Roopa S, Dr. P Shankargouda published the poster titled “Quit tobacco, before your time runs out” in Dent Poster J 2014;3(4):2
4. Dr Ankit & Dr Shivani presented poster titled “Tobacco- mother of oral cancer” on the occasion of World No Tobacco Day organized by Karnataka Cancer Society.
5. Dr Deepa, Dr Joseph Ben Clint & Dr Poornima presented poster titled “Catch Them Young” on the occasion of World No Tobacco Day organized by Karnataka Cancer Society.
6. Dr. Sarika and Dr. Sowmya presented a poster on “Adjuncts To Periapical Healing” at 15th IACDE & IES PG Convention held in Chennai from 5th to 8th June 2014



UAVs @ UAS

The Faculty of Engineering and Technology (FET) at MSRUAS has developed fully Autonomous Quadcopters. The drones developed by Unmanned Air Vehicle (UAV) research team at FET, are capable of navigating itself from one location to another using GPS data. The team had participated in MICA V - 2014 competition organized by DRDO - NAL and had successfully demonstrated the flight capabilities of the 300mm micro drone with 11 minutes endurance. The developed UAVs can be used in various safety critical applications such as surveillance and reconnaissance, search and rescue missions and others. UAVs especially micro air vehicles (fixed wing, rotary wing and flapping wing) are an emerging area and the research team at FET is working on various aspects of them. Some areas of research include Structural design, High efficiency propeller design, Obstacle avoidance, Visual SLAM and Autonomous navigation in GPS denied environment and Cooperative flying.



16 papers @Indian Pharmaceutical Congress

Students from the Faculty of Pharmacy have presented 16 papers in 65th IPC conference (2013) at New Delhi. The various papers presented at the Congress are Development of a novel water soluble complex for solubility enhancement, Emulgel formulations of a hydrophobic drug for enhanced transdermal delivery ; Development of reconstitutable sustained release suspension of aceclofenac microparticulates; Analytical method development and validation of mesalazine by hydrotropic solubilization technique; Synthesis and evaluation of pH sensitive sodium alginate grafted acrylic acid polymer for the design of novel drug delivery; Design and evaluation of 'tablet in capsule' drug delivery device of losartan potassium; Cinnarizine multiparticulate gastroretentive delivery system for sustained release; Development of compression coated buccal compacts with thiolated polymers for the controlled release of bisphosphonate derivative; Solubility enhancement of BCS class II drug using solid-self emulsification technique; Ionically cross linked chitosan - alginate

films as potential wound dressing matrices; Emulgel formulations of a hydrophobic drug for enhanced transdermal delivery; solid dispersion loaded topical gels of miconazole; Design and characterization of mucoadhesive delivery system of bisphosphonate based on thiolated polymer; Preparation and evaluation of dual cross linked chitosan alginate beads; Enhancement of dissolution rate of candesartan cilexetil by co-crystallization technique; Development of colon targeted metronidazole tablets based on chitosan phthalate matrices; Compression coated tablets of flurbiprofen: a chronotherapeutic approach;



On Campus Facilities

Students have facilities like Post Office, ATMs, Parking, Reprography, Cafeteria facilities on campus.

Tours and Excursions

Students are encouraged to take part in tours and excursions.

Following is one such example:



Internships and Placements

There is a dedicated placement cell which takes care of National, International internships and Placements.

Social Service

Students are mandatorily have to participate in Social Service activities organised by the University.

Following is one such example:



Alumni Council

Every student of MSRUAS must register with Alumni Association of MSRUAS-Sampark. The Directorate of Student Placement, Welfare and Career Advice is responsible for running the Alumni Association. Every year Alumni day is celebrated during the convocation week.

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

Bachelor of Vocational Degree (B. Voc.)
Postgraduate Diploma in Professional Practice (PGDPP)
Advanced Certificate Programme (ACP)
Modular Training programme (MTP)
Corporate Training Programme (CTP)
Proficiency Courses
Seminars
Workshops
Advanced Skill Training Programme (ASTP)
UoPC (User Oriented Postgraduate Courses)
Part Time Postgraduate Courses

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 organisations 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 Organisations 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

Name of the Centre	Number of Projects executed/Products developed/Technology Incubated	Name of the Projects executed	Organisations benefitted/ Sponsored
Engineering Design & Analysis Centre	14	Finite Element Analysis of Chiller Plant	Entec Engineering Company
		Thermal Analysis of JMC Unit	DARE
		Finite Element Analysis of Quench Chamber	Hind High Vacuum Company Pvt. Ltd
		Finite Element Analysis of Chamber Door Assembly	Hind High Vacuum Company Pvt. Ltd
		NFC - Finite Element Analysis of High Vacuum Furnace	Hind High Vacuum Company Pvt. Ltd
		IPR - Finite Element Analysis of Acceleration Vacuum Box	Hind High Vacuum Company Pvt. Ltd

		IPR - Finite Element Analysis of TS Vessel Assembly	Hind High Vacuum Company Pvt. Ltd
		Seismic Analysis of Acceleration Vacuum Box and TS Vessel Assembly	Hind High Vacuum Company Pvt. Ltd
		Finite Element Analysis of DG System for INSB	HMTMTL
		Finite Element Analysis of Vacuum Furnace	Hind High Vacuum Company Pvt. Ltd
		Design and Development of Robotic Camera Stabilizer Mount	Zoo Grips
		Thermal Analysis of INT Unit	BEL
		Finite Element Analysis of NFC-2	Hind High Vacuum Company Pvt. Ltd
		Performance Study and Improvement in the Design of Submersible Pump by CFD	Mody Pumps (India) Pvt. Ltd
Electronic System Development Centre	2	HTML webpage for Street Light Management	Hynetic Electronics
		Design and Development of Robotic Camera Stabilizer Mount	ZOO GRIPS
New Product Design and Development Centre	2	Design of Coffee Beans Collecting Machine	HitechAgri Equipment
		3D Modelling for electric circuit	iTriangleInfotech Pvt. Ltd
Centre for Mechanical Prototype Development	20	Rapid Prototyping of Components	Pegasus Equipments Pvt Ltd.
			S.L.S Tools
			Orb Energy
			Magnatech
			Technocrats
			Yashasvi Tooling Solutions
			Polymet Dimensions
			Lakshmi Precision Tools
			3M India Ltd
			RVCE
			iTriangleInfotech Pvt. Ltd
			BCR Enterprises, Mysore
			Trifolium Engineering
			Atlas Copco
			Kamadhenu CNC
			Bosch
			LinkSmart Technologies
			Karnataka Hybrid Micro Devices Ltd
			Relon trading pvt ltd
			Altem
Musculoskeletal and Biomedical Analysis and	NA	NA	NA

Design Centre			
Biochemical Research & Testing Laboratory	NA	NA	NA
Medicines and Drug Development Centre	NA	NA	NA
Faculty-Student Initiated Product Development Centre	NA	NA	NA
Product Commercialisation and Facilitation Centre	6	Cashew Decorticating Machine	Individual Innovators
		Cashew Peeler machine	
		SUNHOT Solar Water Heater	
		Jet Nozzle Regulator & Accelerator Control Kit	
		Faucets (with independent control of temperature & flow)	
		Drop Catcher	
Technology Product Incubation Centre	7	Nitro CRM – Power boost your sales performance	Individual Innovators/Entrepreneurs
		Open Source Education	
		CLOUDRUPLES	
		I-TECH Hybrid Controller	
		Cost effective Nutraceuticals to Combat Diabetes, Obesity & Protein Deficiency	
		A Novel Approach towards the Development of Biodegradable Palm Fiber Mats along with Extraction of Vitamin A & E as By Products.	
		Hot water Cum Compost Generation (HCCG)	
Industrial Partnership Development Centre	1		Consortium of Electronic Industries of Karnataka (CLIK)

10. Teaching and Learning Resources

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

Classrooms

The following table describes the details of classrooms of respective Faculties of the University

Faculty	Number of Class Rooms	Class Room Specifications	Number of Seats
Engineering and Technology	16 (40 Classrooms Being Created)	<ul style="list-style-type: none"> Theatre Style Classroom with Wi-Fi All Classrooms facilitated with LCD, Internet, White Board, Electrical Connection for Plugging Laptop All Classrooms are fitted with Audio-Visual Equipment Option for using microphone Separate Online and Tutorial Classroom Total Area of Classroom: 22271 sq. ft. 	964
Art and Design	2		69
Management and Commerce	2		160
Science and Humanities	2		93
Dental Sciences	13	<ul style="list-style-type: none"> LCD with Screen, Desktop and White Board in all the Class Rooms with Wi-Fi Separate Online and Tutorial Classroom 4313 sq. ft. 	555
Pharmacy	13	<ul style="list-style-type: none"> Six Classrooms facilitated with LCD, Internet, White Board Five Classrooms are fitted with Audio-Visual Equipment Option for using microphone Separate Online and Tutorial Classroom Total Area of Classroom: 7756 sq. ft. 	468
Hospitality Management	8	<ul style="list-style-type: none"> All Classrooms are having White Board 	470

and Catering Technology		<ul style="list-style-type: none"> • Four Classrooms Fitted with Screens • Five LCDs Available • Four Jack Boxes • Eight Speakers • Separate Online and Tutorial Classroom • Total Area of Classroom: 5896 sq. ft. 	
Total	56 (40 More Being Created)	40,236 sq. ft.	

Library

The Library has following resources

S.No.	Faculty	Total Space (All Kinds)	Computer / Communication Facilities	Total No. of Ref. Books	All Research Journals subscribed on a regular basis
1	Engineering and Technology	4564 sq. ft.	<ul style="list-style-type: none"> • 18 Computers with Internet Facilities 	No. of Titles : 4,820 No. of Volumes : 7,968	K Nimbus, EBSCO, IEEE have been subscribed
2	Art and Design			No. of Titles : 485 No. of Volumes : 802	K Nimbus, EBSCO, IEEE have been subscribed
3	Management and Commerce			No. of Titles : 682 No. of Volumes : 1,130	K Nimbus, EBSCO, IEEE have been subscribed
4	Science and Humanities			No. of Titles : 55 No. of Volumes: 125	K Nimbus, EBSCO, IEEE have been subscribed
5	Dental Sciences	8000 sq. ft.	<ul style="list-style-type: none"> • 30 No's Sync Master TC 190 (Windows Embedded Standard) • 02 No's Desk top • Broad band Internet Facility with Wi Fi • Printer with Scanner • Photocopy 	<ul style="list-style-type: none"> • Total Titles - 2236 • Total Volumes – 5624 e-books subscribed under HELINET Consortium <ul style="list-style-type: none"> • Springer : 3403 (All Health Sciences) • Jaypee: 433 	Print Journals International : 42 National: 17 e-journals subscribed under HELINET Consortium International Dental: 41 Medical: 266 National Journals from medInd

			<ul style="list-style-type: none"> service Library Automation with Easylib Library Software 4.4.7 version 	Videos: 531	Back Vol. Journals: 1515
6	Pharmacy	2185 sq. ft.	<ul style="list-style-type: none"> Net Library software Library -1 computer (with internet) E-Library & UG Computer Lab – 30 Computers(w ith internet) 	<ul style="list-style-type: none"> Total Titles : 1162 Total Volumes : 5368 	Current journals : 38 Back volumes : 591
7	Hospitality Management and Catering Technology	1420 sq. ft.	<ul style="list-style-type: none"> 6 Computers 	<ul style="list-style-type: none"> Total Titles- 3553 Total Volumes- 7621 	8 International Journals 11 National Journals
Total		16,169 sq. ft.		28,638 (Volumes)	

Laboratories

The various Laboratories in the University are:

Faculty	Laboratories
FET	<p>Automotive and Aeronautics Engineering Laboratories</p> <ol style="list-style-type: none"> 1. Computer Modeling and Simulation Laboratory 2. Automotive Systems Laboratory 3. IC Engines Laboratory 4. Turbomachinery Laboratory 5. Heat Transfer and Combustion Laboratory 6. Aerodynamics Laboratory 7. Aircraft Systems Laboratory <p>Mechanical and Manufacturing Laboratories</p> <ol style="list-style-type: none"> 1. Computer Modeling and Simulation Laboratory 2. Engineering Graphics Laboratory 3. Material Testing and Characterization Laboratory 4. Fluid Mechanics and Hydraulics Laboratory 5. Mechanism and Machine Dynamics Laboratory 6. Measurements and Metrology Laboratory

	<p>7. Workshop</p> <p>Civil Engineering Laboratories</p> <ol style="list-style-type: none"> 1. Computer Modeling and Simulation Laboratory 2. Structural Testing Laboratory 3. Surveying Laboratory 4. Geology Laboratory 5. Building Material Testing Laboratory 6. Environmental Engineering Laboratory 7. Geo Technical Laboratory 8. Concrete and Highway Material Testing Laboratory <p>Electrical Engineering Laboratories</p> <ol style="list-style-type: none"> 1. Computer Modeling and Simulation Laboratory 2. Electrical Machines Laboratory 3. High Voltage Laboratory 4. Instrumentation and Measurements Laboratory 5. Control Systems Laboratory <p>Electronic and Communication Engineering Laboratories</p> <ol style="list-style-type: none"> 1. Computer Modeling and Simulation Laboratory 2. Electronic Circuits Laboratory 3. Signals and Systems Laboratory 4. Communications Laboratory <p>Computer Science and Engineering Laboratories</p> <ol style="list-style-type: none"> 1. Computer Programming, Modelling and Simulation Laboratory 2. Basic Programming Laboratory 3. Embedded Systems Laboratory
FAD	<p>Design Studios</p> <ol style="list-style-type: none"> 1. Digital Studio (PACE) 2. Concept Studio 3. Physical Model Studio 4. Ergonomic Laboratory 5. Virtual Reality Studio 6. Photography and Printing Studio 7. Fashion Design Studio
FMC	<ol style="list-style-type: none"> 1. Computer Modeling and Simulation Laboratory 2. Hospital Simulation Lab
FSH	<p>Basic Sciences Laboratories</p> <ol style="list-style-type: none"> 1. Engineering Physics Laboratory 2. Engineering Chemistry Laboratory

	3. Engineering Mathematics Laboratory Humanities and Social Sciences Laboratories 1. Language Laboratory
FDS	1. Oral Pathology Laboratory 2. Dental Materials Laboratory 3. Conservative Dentistry Laboratory 4. Prosthodontics Laboratory 5. Orthodontics Laboratory 6. Computer Laboratory 7. Cone Beam CT Scan Laboratory 8. Chrome Cobalt Lab
FPH	1. Pharma Chemistry Laboratory 2. Bio Technology Laboratory 3. Bio Chemistry Laboratory 4. Micro Biology Laboratory 5. Instrumental Analysis Laboratory 6. Physical Pharmacy Laboratory 7. Pharmaceutics and Dispensing Laboratory 8. Pharmaceutical Engineering Laboratory 9. Human Anatomy and Physiology Laboratory 10. Pharmacology Laboratory 11. Pharmacy Practice Laboratory 12. Drug Testing Laboratory 13. Computer Laboratory
FHMCT	1. Communication Laboratory 2. Front Office Laboratory 3. Housekeeping Laboratory 4. IT Resource Centre 5. Laundry Laboratory 6. Basic Skill Kitchen 7. Advanced Skill Kitchen 8. Specialty Kitchen 9. Studio Kitchen 10. Bakery and Confectionary 11. Training Restaurant

Workshop

The following are the facilities available in the Workshop at present

Wood working	Work Tables
	Carpentry Vice
	Circular Saw
	Angle Grinder
	Jig-Saw Machine
	Jack Plane

Fitting Shop	Work Tables
	Heavy Duty Bench Vice
	Cast Iron Surface Plate 600×600mm
	Vernier caliper 0-150mm
	Height Gauge 0-300mm Analog
	V-Block With Clamp
Sheet Metal	Sheet Metal Stakes set
	Sheet Metal Stakes set
	Heavy Duty Sheet Metal Shearing Machine 12"
	Light Duty Sheet Metal Shearing Machine
	Spot Welding 8kva
Metal Joining	Arc Welding Machine 400amps
	TIG/Arc Welding 200amps
	Arc Welding Machine 200amps
	Spot Welding Machine 10kva
	Welding Table
	Brazing assembly with all Accessories
Foundry and Casting	Melting Furnace – 25kg Aluminium Tilting type Electrical Resistance furnace 18kW
	Heat Treatment furnace 1200° Max, 300×300×300mm Electrical Resistance
	Heat Treatment Oven, 300×300×300mm 500° Max
	Foundry Tools - Mold Box, Rammer, Striker, Shovel etc
	Oil Fired Furnace
	Spray Coating Facility
Machine shop	Ram type Vertical Turret Milling Machine
	KRUTZ Imported Horizontal Universal Milling Machine Model H32W
	Bridge Port Milling Machine With DRO
	Heavy Duty Conventional Lathe Machine
	Kirloskar Make All Geared Lathe
	Heavy Duty Metal Cutting Horizontal Bandsaw Machine
	Cylindrical Grinding Machine Model UC-450
	Pillar Type Geared Drilling Machine
	Pedestal Grinders 0.5HP 3phase
	Fly Press
	Surface Grinding Machine Model 1020 OT
	Buffing Machine
	Vernier caliper 0-300mm
	Micrometer 0-25mm
	Micrometer 25-50mm
	Dial Gauge 0.01mm Accuracy
	Bore Gauge 10-18mm
	Bore Gauge 18-50mm
	Height Gauge 0-600mm Analog
	Bevel Gauge
	Cast Iron Surface Plate 600×600mm
	Magnetic Stand
	Varner Depth Gauge 0-300mm
	Bench Drilling Machine

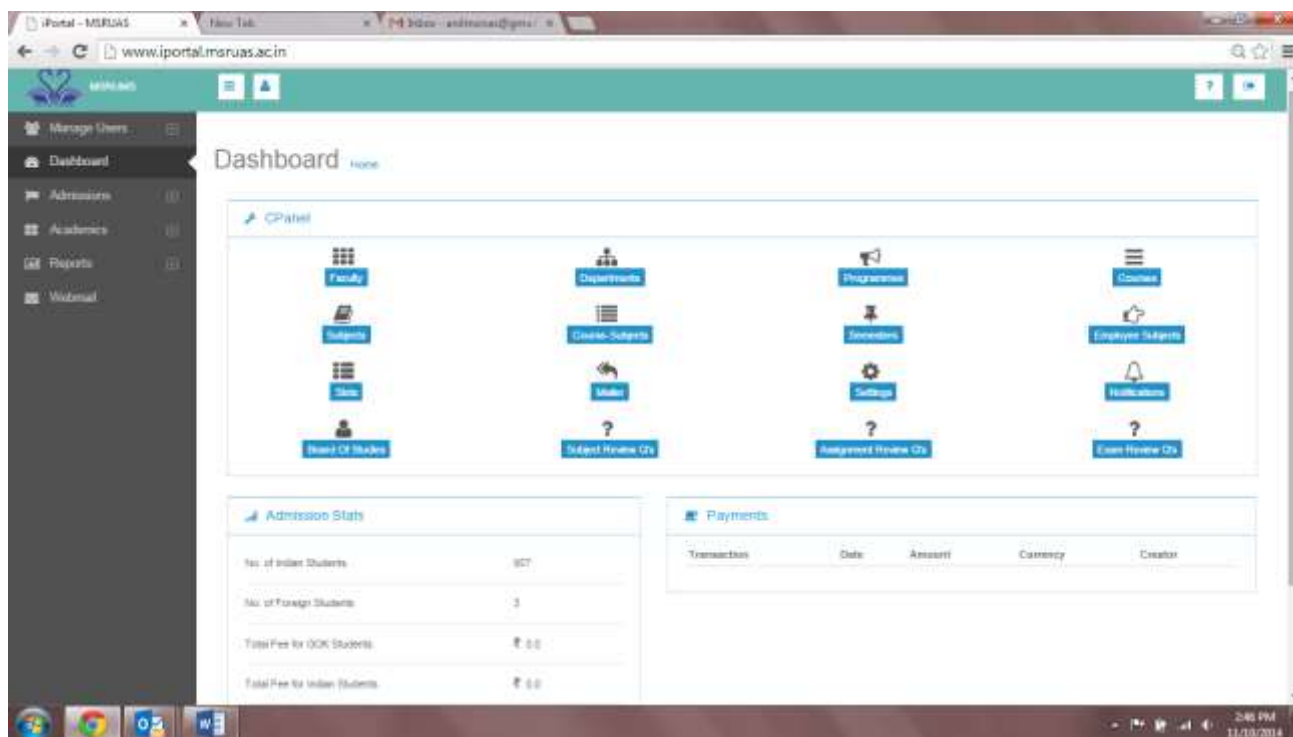
	Heavy Duty 14" Cut-off Machine
CNC Shop	CNC Vertical Machining Center Model "WINNER"
	ACE Slant Bed CNC lathe "Jobber XL" CNC
	Rapid Prototyping Machine - Stratasys
	Reverse Engineering Machine – Red Light Laser Scanner
	Air Compressor
	Digital Power Conditioner
	Vernier caliper 0-150mm Digital
	Micrometer 0-25mm Digital
	Micrometer 25-50mm Digital
	Height Gauge 0-600mm Digital
	Pedestal Grinders 0.5HP 1phase
	Micrometer 50-75mm
	Micrometer 75-100mm
	Dial Gauge 0.001mm Accuracy
	Bore Gauge 50-150mm
	Slip Blocks M32
	Bevel Protractor
	Magnetic V-Block
	Granite Surface Plate 1mtrX1mtr

ICT Facilities

No. of Servers	06
No. of Desktops	994
No. of Laptops	47
No. of Printers	78
LAN Specifications	Giga Network
Internet Facility (Bandwidth)	40Mbps
List of Software Available	Annexure 2

University Management System (UMS) - Web portal

The Academic Management right from Admissions until Degree awarding is completely computerized. The software used for the Academic Management is known as **University Management System** and it is completely custom developed.



11. Academic and Research Collaboration

At M.S. 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.

MSRUAS has entered into relationships with the following reputed institutions/organisations:

International Collaborations

- Coventry University, UK
- University of Pardubice, Czech Republic
- Air force Institute of Technology, Nigeria
- Ghana Technology University College, Ghana
- Kazan National Research Technical University, Kazan, Russia
- Samara State Aerospace University, Samara, Russia
- St. Petersburg State University of Architecture & Civil Engineering, St. Petersburg, Russia
- St. Petersburg State Academy of Art & Design, St. Petersburg, Russia
- ASONIKA, Russia

National Level Collaborations

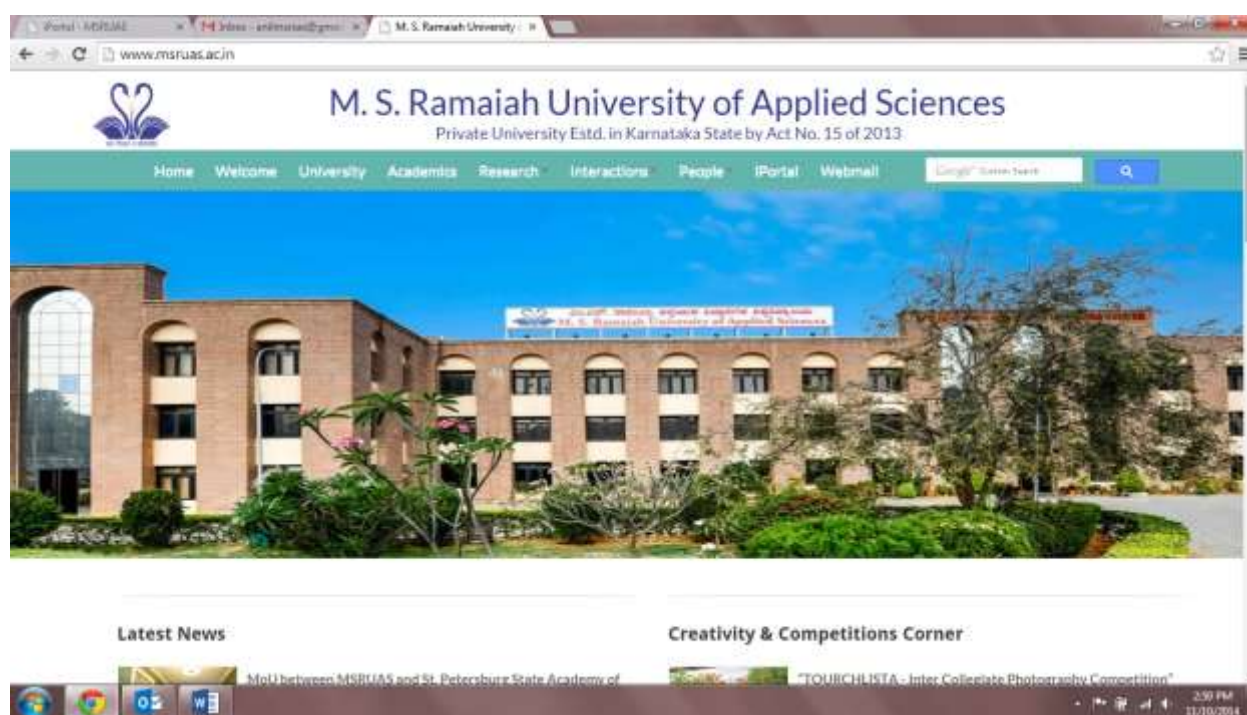
- National Design Research Forum (NDRF)-Bangalore
- Consortium of Electronic Industries Karnataka (CLIK)-Bangalore
- Institute for Drug Delivery and Biomedical Research (IDBR)-Bangalore
- University of Agricultural Sciences (UAS) – Dharwad
- University of Agricultural Sciences (UAS) - Raichur

12. Press and Publicity

As a responsible institutions 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 is the URL of M. S. Ramaiah University of Applied Sciences



MSRUAS in the Press and Media

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

DECCANHERALD 17
Wednesday, March 19, 2014

Blend studies with research, says Kakodkar

BANGALORE, 19th: Eminent scientist Anil Kakodkar has emphasised the need to blend studies with research, instead of depending only on reverse engineering.

He was delivering the presidential address after launching the M S Ramiah University of Applied Sciences here on Tuesday. Kakodkar, the former director of the prestigious Bhabha Atomic Research Centre (BARC) who now heads the Technology Information, Forecasting and Assessment Council, said that after so many years of independence the country has not been created, which could take us ahead of others, said Kakodkar.

He stressed the need for re-

Eminent scientist Anil Kakodkar (second from left) and others at the launch of M S Ramiah University of Applied Sciences in the City on Tuesday. (N/PR/2014)

transforming the education system that could leverage the growth of the Indian market. He blamed some 'inherent factors' in the system, which do not allow to make India a big player.

"To us, our higher education needs reform. Teaching alone cannot remain the frontier of knowledge, but research is on study, research

long run, the industry would be benefited," said the scientist. Citing the example of tele-coast machine, he said the high value of the imported machine had jacked up the cost of cancer treatment. When a team of BARC scientists came out with an alternative machine, costing less than half of the existing machines in the market, not only did the cost of treatment come down, but the competitors were also compelled to slash the prices of their machines by half. He said due to the research by Indian pharmaceutical companies, the cost of life-saving drugs has come down remarkably.

Speaking on the occasion, Chancellor of the University Dr M K Jayaram said the institute believes in an education model that is based on knowledge and devotion, creating a process of perfection for the larger social good.

ಪ್ರಜಾವಾರ್ತೆ
19ನೇ ಮಾರ್ಚ್ 2014

ಎಂ.ಎಸ್. ರಾಮಯ್ಯ ಅನ್ವಯಿಕ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ ಉದ್ಘಾಟನೆ 'ಆರೋಗ್ಯ ಸೇವೆಗೆ ಅಗ್ಗದ ತಂತ್ರಜ್ಞಾನ ಅಗತ್ಯ'

ಪ್ರಜಾವಾರ್ತೆ ವರದಿ

ಬೆಂಗಳೂರು: 'ಇನ್ನೂ ಹೆಚ್ಚಿನ ಉನ್ನತ ಶಿಕ್ಷಣಕ್ಕೆ ಸಿದ್ಧರಾಗಿರುವ ಮಕ್ಕಳಿಗೆ ಉನ್ನತ ಶಿಕ್ಷಣ ನೀಡುವುದು ಮತ್ತು ಸಂಶೋಧನೆ ಮೂಡಿಸುವುದು' ಎಂದು ಎಂ.ಎಸ್. ರಾಮಯ್ಯ ಹೇಳಿದರು. ಅವರು ಮಂಗಳೂರಿನಲ್ಲಿರುವ ಎಂ.ಎಸ್. ರಾಮಯ್ಯ ಅನ್ವಯಿಕ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಉದ್ಘಾಟನೆಯಲ್ಲಿ ಭಾಗವಹಿಸಿದಾಗ ಹೇಳಿದರು. ಅವರು ಹೇಳಿದ ಪ್ರಕಾರ, 'ಆರೋಗ್ಯ ಸೇವೆಗೆ ಅಗ್ಗದ ತಂತ್ರಜ್ಞಾನ ಅಗತ್ಯ' ಎಂದು ಅವರು ಹೇಳಿದರು.

ಅವರು ಹೇಳಿದ ಪ್ರಕಾರ, 'ಆರೋಗ್ಯ ಸೇವೆಗೆ ಅಗ್ಗದ ತಂತ್ರಜ್ಞಾನ ಅಗತ್ಯ' ಎಂದು ಅವರು ಹೇಳಿದರು. ಅವರು ಹೇಳಿದ ಪ್ರಕಾರ, 'ಆರೋಗ್ಯ ಸೇವೆಗೆ ಅಗ್ಗದ ತಂತ್ರಜ್ಞಾನ ಅಗತ್ಯ' ಎಂದು ಅವರು ಹೇಳಿದರು.

ವಿಜಯವಾರ್ತೆ
19 ಮಾರ್ಚ್ 2014

ಆವಿಷ್ಕಾರಗಳಿಗೆ ಒತ್ತು ನೀಡುವ ಶಿಕ್ಷಣ ಅಗತ್ಯ: ಡಾ. ಕಾಕೋಡ್ಕರ್

■ ಎಂ.ಎಸ್. ರಾಮಯ್ಯ ಯೂನಿವರ್ಸಿಟಿ ಆಫ್ ಅಪ್ಲೈಡ್ ಸೈನ್ಸಸ್ ಉದ್ಘಾಟನೆ

ಬೆಂಗಳೂರು: ಎಂ.ಎಸ್. ರಾಮಯ್ಯ ಅನ್ವಯಿಕ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಉದ್ಘಾಟನೆಯಲ್ಲಿ ಭಾಗವಹಿಸಿದಾಗ ಹೇಳಿದರು. ಅವರು ಹೇಳಿದ ಪ್ರಕಾರ, 'ಆರೋಗ್ಯ ಸೇವೆಗೆ ಅಗ್ಗದ ತಂತ್ರಜ್ಞಾನ ಅಗತ್ಯ' ಎಂದು ಅವರು ಹೇಳಿದರು.

ಸಂಯುಕ್ತ ಕರ್ನಾಟಕ
ಮಾರ್ಚ್ | 19 | 2014 ಬೆಂಗಳೂರು

ಕಡಿಮೆ ದರದ ವೈದ್ಯಕೀಯ ಸೇವೆಗೆ ಸಲಹೆ

ಬೆಂಗಳೂರು, ಮಾರ್ಚ್ 18: ರೇತರ ಬಡವರಿಗಾಗಿ ಕಡಿಮೆ ದರದಲ್ಲಿ ವೈದ್ಯಕೀಯ ಚಿಕಿತ್ಸೆ ನೀಡುವಂತಹ ಸಂಕೀರ್ಣತೆಗಳು ನಡೆಯಬೇಕೆಂದು ಮಾಯಾ ಅಣ್ಣ ಸಂಕೀರ್ಣತೆ ಕೇಂದ್ರದ ನಿರ್ದೇಶಕ ಪದ್ಧತಿಧರ್ಮಾ ಹಾಕುನಿರ್ದೇಶಕ ಕಾಕೋಡ್ಕರ್ ಸಲಹೆ ನೀಡಿದ್ದಾರೆ.

ಎಂ.ಎಸ್. ರಾಮಯ್ಯ ಅನ್ವಯಿಕ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಉದ್ಘಾಟನಾ ಸಮಾರಂಭದಲ್ಲಿ ಭಾಗವಹಿಸಿ ಮಾತನಾಡಿದ ಅವರು, ಗಮ್ಯ ರೇತರದಲ್ಲಿ ಬಡವರಿಗೆ ಅನುಕೂಲವಾಗುವಂತೆ ಕಡಿಮೆ ದರದ ವೈದ್ಯಕೀಯ ತಂತ್ರಜ್ಞಾನವನ್ನು ಕೋರಬೇಕು. ಈ ಬಗ್ಗೆ ವಿಶ್ವವಿದ್ಯಾಲಯಗಳು ಗಮನ ನೀಡಬೇಕು ಎಂದು ಸಲಹೆ ನೀಡಿದರು.

ವೈದ್ಯಕೀಯ ಕೋರ್ಸ್ ಮಾಡಿದ ವಿದ್ಯಾರ್ಥಿಗಳು ಕಾರ್ಯಾಚರಣೆಯ ಹಳ್ಳಿಗಳಿಗೆ ತೆರಳಿ ಒಂದೆರಡು ವರ್ಷ ಸೇವೆ ಸಲ್ಲಿಸಿ ಮತ್ತೆ ಮೈಸೂರಿಗೆ ಬರುವುದು ಸರಿಯಲ್ಲ. ಕುಲಿಯವರು ವರ್ಷಗಳ ಕಾಲ ಹಳ್ಳಿಗಳಲ್ಲಿ ಸೇವೆ ನೀಡುವ ಅಭಿಮಾನಿ ಆಗಿರಬೇಕು. ಅಲ್ಲಿನ ವಿವಿಧ ಕಾರ್ಯಗಳಿಗೆ ಪರಿಣಿತರ ಕಂಡುಕೊಳ್ಳಬೇಕು. ಇದರಿಂದ ವೈದ್ಯಕೀಯ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಇನ್ನಷ್ಟು ಅನುಭವ ದೊರೆಯುವುದರಿಂದ ಎಂಬ ಕನಿಷ್ಠತೆಯೇ ಹೇಳಬಹುದು.

ತಂತ್ರಜ್ಞಾನ ಎಂಬುದು ನಿಂತ ವಿವರಗಳಾದರೂ, ಅವರೇ, ನಮ್ಮ ರೇತರದಲ್ಲಿ ತಂತ್ರಜ್ಞಾನ ನಿಂತವಿರಬೇಕು. ತಂತ್ರಜ್ಞಾನವನ್ನು ಬೇರೆ ರೇತರಗಳಿಂದ ಎರವಲು ಪಡೆದುಕೊಳ್ಳುತ್ತಿದ್ದೇವೆ. ಹೊಸಕರದ ಬಗ್ಗೆ ನಾವು ಆಸಕ್ತಿ ತಾಳುತ್ತಿದ್ದೇವೆ. ಹೊಸಕರದ ಬಗ್ಗೆ ಸಂಕೀರ್ಣತೆ ಮಾಡಿ ಜನಕ್ಕೆ ಉಪಯೋಗವಾಗುವಂತೆ ವೈದ್ಯಕೀಯ ಕ್ಷೇತ್ರ ಮಾಡಬೇಕಾಗಿದೆ. ಈ ಹಿನ್ನೆಲೆಯಲ್ಲಿ ವಿಶ್ವವಿದ್ಯಾಲಯಗಳು ಶಿಕ್ಷಣದ ಜೊತೆಗೆ ಸಂಕೀರ್ಣತೆಯನ್ನೂ ಜೊತೆಜೊತೆಯಲ್ಲಿ ಕೊಂಡೊಯ್ಯುವಂತಹ ಕಾರ್ಯ ಮಾಡಬೇಕು ಎಂದು ಹೇಳಿದರು.

ರಾಮಯ್ಯ ಅನ್ವಯಿಕ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಪತಿ ಎಂ.ಕೆ. ಪುರುಷೋತ್ತಮ ಮಾತನಾಡಿ, ಗೋಕುಲ ಶಿಕ್ಷಣ ಪ್ರತಿಷ್ಠಾನ ಶಿಕ್ಷಣ ಮತ್ತು ಅರೋಗ್ಯ ಕ್ಷೇತ್ರವನ್ನು ಸೇವೆ ಎಂದು ತಿಳಿದುಕೊಂಡು ಸಮಗ್ರತೆ ಕೊಡಬೇಕಾಗಿ ನಿರ್ದೇಶಿಸಿದ್ದಾರೆ. ಈ ಎರಡೂ ಕ್ಷೇತ್ರವನ್ನು 'ಪ್ರಜ್ಞೆ' ಎಂಬುದಾಗಿ ಉದ್ಘಾಟಿಸಿದ್ದಾರೆ. ಕಂಡಿಲ್ಲ. ಸಮಗ್ರತೆ ಸೇವೆ ಎಂದು ತಿಳಿದುಕೊಂಡಿದ್ದೇವೆ ಎಂದು ಹೇಳಿದರು.

ಪೂರ್ವದ ಮುಂದುವರಿದ ತಂತ್ರಜ್ಞಾನ ರಕ್ಷಣಾ ಸಂಸ್ಥೆ ಉಪ ಕುಲಪತಿ ಡಾ. ಪ್ರಜ್ಞಾ ರಾಮರಾವ್, ಕೆ.ಎ.ಎ. ತಂತ್ರಜ್ಞಾನ ಲಿಮಿಟೆಡ್ ಅಧ್ಯಕ್ಷ ರವಿ ಪಂಡಿತ್ ಮತ್ತಿತರರು ಉಪಸ್ಥಿತರಿದ್ದರು.

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Annexures

Annexure 1

Board of Studies Members List

M. S. Ramaiah University of Applied Sciences- Bangalore				
Programme	B. Tech. & M.Tech.			
Courses	B. Tech. in Civil Engineering M. Tech. in Civil Structural Design, Construction Engineering Management			
BoS	BoS in Civil Engineering			
Members of BoS in Civil Engineering				
S. No.	Name	Affiliation	Designation	Contact Details (E-Mail & Mobile No.)
1	Prof. H.M. Rajashekara Swamy	MSRUAS	Chairperson	hod.ce.et@msruas.ac.in 8095503309
2	Mrs. Nayana N. Patil	MSRUAS	Member	nayanapatil.ce.et@msruas.ac.in 8762500658
3	Ms. S. Shilpa	MSRUAS	Member	sshilpa.ce.et@msruas.ac.in 9886559198
4	Mr. Santhosh H. P.	MSRUAS	Member	hpsanthosh.ce.et@msruas.ac.in 9036348290
5	Ms. M. V. Deepthi	MSRUAS	Member	deepthimv.ce.et@msruas.ac.in 8792616466
6	Ms. S.Vijayalaxmi	MSRUAS	Member	vijayalaxmi.ce.et@msruas.ac.in 9052353735
7	Mr. Shrihari K. Naik	MSRUAS	Member	shriharikn.ce.et@msruas.ac.in 9901724094
8	Dr. Prem Kumar	Reva University	External Member	Dr. Prem Kumar Professor, Reva University Rukmini Knowledge Park, Kattigenahalli, Yelahanka Bangalore - 560064 wppremakumar@yahoo.co.in , premakumar@revainstitution.org , 9448509938
9	Prof. Raghunandan Kumar R.	Christ University	External Member	Prof. Raghunandan Kumar .R Prof. and Head, CED, FET, Christ university,Kengari Campus, Kumbalgodu, Mysore Road Bangalore - 560094 raghunandan.kumar@christuniversity.in . 9880855272
10	Dr. Nagaraja	BMS College of Engineering	External Member	Dr.Nagaraja , Professor, Dept. of Civil engineering, BMS Eng. College, Bull Temple Road

				Bangalore – 560019 9880507537
11	Dr. C. V. Srinivas	Global Academy of Technology	External Member	Dr. C.V. Srinivas , HOD, Global Academic of Technology Rajarajeshwari Nagar Bangalore - 560098 9449809918 svasa@gat.ac.in

M. S. Ramaiah University of Applied Sciences- Bangalore				
Programme	B. Tech. , M. Tech			
Courses	B. Tech. in Mechanical Engineering M. Tech. in Advanced Manufacturing Technologies, Advanced Machinery Design, Engineering & Manufacturing Management			
BoS	BoS in Mechanical Engineering			
Members of BoS in Mechanical Engineering				
S. No.	Name	Affiliation	Designation	Contact Details (E-Mail & Mobile No.)
1	<u>Dr. N. S. Mahesh</u>	MSRUAS	Chairperson	<u>hod.me.et@msruas.ac.in</u> 9845037313
2	<u>Dr. Arulanantham</u>	MSRUAS	Member	<u>arul.me.et@msruas.ac.in</u> 9844339809
3	Dr. Arun Rao	MSRUAS	Member	<u>raoar.me.et@msruas.ac.in</u> 9483709719
4	Dr. Rahul Cadambi	MSRUAS	Member	<u>rahulmc.me.et@msruas.ac.in</u> 8884871261
5	Mr. Ganapathi K N	MSRUAS	Member	<u>ganapathi.me.et@msruas.ac.in</u> 9535162810
6	Dr. Pankaj Nadge	MSRUAS	Member	<u>nadge.me.et@msruas.ac.in</u> 9483744467
7	Prof. Ajit Kumar B S	MSRUAS	Member	<u>ajit.me.et@msruas.ac.in</u> 9448018578
8	Mr. Balappa B U	MSRUAS	Member	<u>balu.me.et@msruas.ac.in</u> 9945093937 / 2653 60884
9	Dr. M.S. Ganesha Prasad	Professor & Head, Dept, of Mechanical Engineering, New Horizon college of Engineering	External member	Professor & Head, Dept, of Mechanical Engineering, New Horizon college of Engineering B'lore – 560103 msgprasad@gmail.com 9886921136
10	Prof. B S Suresh	BMS College of Engg.	External Member	Professor of PG Studies (Machine Design) Dept. of Mech. Engg. BMS College of Engg. Bangalore-19 9449521788 080-26603961 Extn. 2060 <u>dr_bss@yahoo.com</u>
11	Prof. B M Rajaprakash,	UVCE,	External Member	Professor, Department of Mechanical Engineering , UVCE, Bangalore University , K R Circle, Bangalore 560 001 <u>bmruvce@yahoo.co.in</u> 9448856163 080-22961896(Off), 080-22961896(Res)

12	Prof. Manjunath V S	NMAMIT Business School	External Member	Director, NMAMIT Business School, Bangalore Dr. Manjunath VS No 80, Ravi Kirloskar Layout Chikkabidaraka, Tumkur Road, Next to Jindal Factory Nagasandra Post Bangalore 560073 9880503659 manjunathvs@hotmail.com
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M. S. Ramaiah University of Applied Sciences- Bangalore				
Programme	B. Tech., M. Tech.			
Course	B. Tech. in Computer Science and Engineering M. Tech. in Automotive Electronics, Computer Science and Engineering, Real Time Embedded Systems			
BoS	BoS in Computer Science and Engineering			
Members of BoS in Computer Science and Engineering				
S. No	Name	Affiliation	Designation	Contact Details (E-Mail & Mobile No.)
1	Prof. N D Gangadhar	MSRUAS	Chairperson	hod.cs.et@msruas.ac.in / gangadhar.cs.et@msruas.ac.in 9740243595
2	Dr. P V R Murthy	MSRUAS	Member	pvmurthy.cs.et@msruas.ac.in 9845568042
3	Prof. A Prabhakar	MSRUAS	Member	prabhakara.cs.et@msruas.ac.in 8762558037
4	Ms. Rinki Sharma	MSRUAS	Member	rinki.cs.et@msruas.ac.in 9845828310
5	Mr. Narasimha Murthy K R	MSRUAS	Member	nmurthy.cs.et@msruas.ac.in 9901452009
6	Mrs. P. Padma Priya Dharishini	MSRUAS	Member	padmapriya.cs.et@msruas.ac.in 9035307246
7	Mr. V. S. Yerragudi	MSRUAS	Member	vsarma.cs.et@msruas.ac.in 9986811339
8	Mr. SanketDessai	MSRUAS	Member	sanketdessai.cs.et@msruas.ac.in 9242201636 / 9241210482
9	Mr. Sastry V. Ramachandrula	PESIT Hosur Road Campus	External Member	Mr. Sastry V. Ramachandrula, Asst. Prof., ECE, PESIT, Hosur Road, Bangalore, 560 100, Email: rsastry@gmail.com, Mobile: 9945475744, Web: http://pesit.pes.edu/faculty/sastry-v-ramachandrula
10	Mr. Prabodh C. P.	SIT	External Member	Mr. Prabodh C. P., Asst. Professor, CSE, Siddaganga Institute of Technology, B. H. Road, Tumkur 572 103, Telephone :8151894110 Email: prabodhcp@gmail.com, Web: http://sit.ac.in/cse/cse_faculty.html
11	Dr. Ganesh Murthy	Daimler-Benz	External Member	Dr. Ganesh Murthy, Mercedes-Benz Research and Development India Pvt. Ltd. Whitefield Palms, No. 9 & 10, EPIP Zone, Phase 1, Whitefield Road, Whitefield, Bangalore 560 066 Email: ganesh.m.changavar@daimler.com, Mobile: 9880598114
12	Prof. S. B. Bhanu Prashanth	BNMIT	External Member	Prof. S. B. Bhanu Prashanth, Professor and Head-ECE, BNM Institute of Technology, 12th Main Road, 27th Cross, Banashankari II Stage, Bangalore 560 070, Mobile: 9845715123, Email: bnbhanu@gmail.com, Web:

				http://www.bnmit.org/faculty-profile-sbp/
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M. S. Ramaiah University of Applied Sciences- Bangalore				
Programme		B. Tech., M. Tech.		
Course		B. Tech. in Electrical and Electronic Engineering M. Tech. in Electrical Machinery Design, Sensors and Control Systems Engineering		
BoS		BoS in Electrical Engineering		
Member of BoS in Electrical Engineering				
S. No.	Name	Affiliation	Designation	Contact Details (E-Mail & Mobile No.)
1	<u>Prof. Hariharan Ramasangu</u>	MSRUAS	Chairperson	<u>hod.ec.et@msruas.ac.in</u> , <u>hariharan.ec.et@msruas.ac.in</u> 9845712422
2	<u>Ms. B. K. Swathi Prasad</u>	MSRUAS	Member	<u>swathi.ee.et@msruas.ac.in</u> , 9916089941
3	<u>Mr. Shrikant Mohan Misal</u>	MSRUAS	Member	<u>shrikantmisal.ee.et@msruas.ac.in</u> 8197613592
4	<u>Mr. S. Nagaraj Rao</u>	MSRUAS	Member	<u>nagarajarao.ee.et@msruas.ac.in</u> 9742669617
5	<u>Mr. KashinathHesaroor</u>	MSRUAS	Member	<u>kashinathh.ee.et@msruas.ac.in</u> 9505261242
6	Ms. S. Nalini	Dr. AmbedkarInst of Technology	External Member	Associate Professor, Department of Electrical and Electronics Engineering, Dr. Ambedkar Institute of Technology, Bangalore. 9844056364 <u>nalini_sha0803@yahoo.com</u>
7	Mr. S. M. Hunagund	Atria Institute of Technology	External Member	Asst Prof, Dept of ECE Atria Institute of Technology shiva_mh@yahoo.com 9964814752

M. S. Ramaiah University of Applied Sciences- Bangalore				
Programme		B. Tech., M. Tech.		
Course		B. Tech. in Electronic and Communication Engineering M. Tech. in Biomedical Engineering, Digital Signal and Image Processing, Electronics Systems Design Engineering, Signal Processing and Communication Technologies, VLSI-System Design		
BoS		BoS in Electronic and Communication Engineering		
Member of BoS in Electronic and Communication Engineering				
S. No.	Name	Affiliation	Designation	Contact Details (E-Mail & Mobile No.)
1	<u>Prof. Hariharan Ramasangu</u>	MSRUAS	Chairperson	<u>hod.ec.et@msruas.ac.in</u> , <u>hariharan.ec.et@msruas.ac.in</u> 9845712422
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5	<u>Mr. Ambresh</u>	MSRUAS	Member	<u>ambresh.ec.et@msruas.ac.in</u> 9986518082
6	<u>Mrs. Soumya Sunny P.</u>	MSRUAS	Member	<u>soumyasunny.ec.et@msruas.ac.in</u> 9916544644
7	Dr. Rajini. V. Honnungar,	R.N.S. Inst of Technology,	External Member	Associate Professor, Department of Electronics and communication Engineering, RNS Institute of Technology, Bangalore. 8971194617 rajinivh@gmail.com
8	Dr. E. S. Shivaleela	Indian Institute of Science	External Member	Principal Research Scientist Department Of ECE Indian Institute of Science Bangalore 560012 leela97bnp@gmail.com 080-22932743
9	Mr. Vivekananda M.R.	Vemana Institute of Technology	External Member	Assistant Professor Vemana Institute of Technology, Bangalore vivekmr.reddy@gmail.com +91-7259973642
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11	Mr. Parameshwara M. C.	Vemana Institute of	External Member	Assistant Professor Department of Electronics and

		Technology		communication Engineering Vemana Institute of Technology, Bangalore. 9620902171 pmcvit@gmail.com
12	Mr. Keshavam Murthy	Atria Institute of Technology	External Member	Asst Prof, Dept of ECE Atria Institute of Technology keshavamurthy_s@yahoo.com 9844662014

M. S. Ramaiah University of Applied Sciences- Bangalore				
Programme		M. Tech.		
Course		Automotive Engineering, Automotive Product Design, Aircraft Design, Automotive Powertrain Design, Turbomachinery Design		
BoS		BoS in Automotive & Aeronautical Engineering		
Member of BoS in Automotive & Aeronautical Engineering				
S. No.	Name	Affiliation	Designation	Contact Details (E-Mail & Mobile No.)
1	Dr. Srikari S.	MSRUAS	Chairperson	srikari.aae.et@msruas.ac.in 98451 67020
2	Dr. H.K. Narahari	MSRUAS	Member	dean.et@msruas.ac.in / hod.aae.et@msruas.ac.in/ narahari.aae.et@msruas.ac.in 2338 0446/ 99725 89106
3	Prof. Ashok C Meti	MSRUAS	Member	meti.aae.et@msruas.ac.in / registrar.acad.et@msruas.ac.in 9448057297
4	Dr. A T Sriram	MSRUAS	Member	atsriram.aae.et@msruas.ac.in 9741459812
5	Prof. Q H Nagapurwala	MSRUAS	Member	nagpurwala.aae.et@msruas.ac.in 9986560175/2522 2602
6	Dr. Vinod K Banthia	MSRUAS	Member	vinod_banthia.aae.et@msruas.ac.in 9880141045/41128116
7	Dr. M D Deshpande	MSRUAS	Member	deshpande.aae.et@msruas.ac.in 23473035
8	Dr.N.C. Mahendra Babu	B.N.M. Institute of Technology	External Member	Prof. & Head Mechanical Engg Department B.N.M. Institute of Technology B.S.K II nd Stage Bangalore -560070 Ph: 9880622059; mail:ncmbabu@gmail.com
9	Dr. Venkatesh J.	P.E.S.College of Engineering, Mandya ,	External Member	Dr. Venkatesh J. Prof & Head, Automobile Engg Dept, P.E.S.College of Engineering, Mandya - 571401 , 9448648108 jvenkatesh_pesce@yahoo.co.in
10	Dr. Ramesh D. K.	UVCE, - Bangalore	External Member	Dr. Ramesh D. K. (UVCE, Bangalore); Associate Prof, MDE U.V.C.E., K.R.Circle, Bangalore 9739296757 rameshdkuvce@gmail.com
11	Dr. P. S. Kulakarni,	IISC	External Member	Dr. P. S. Kulakarni, Principal Research Scientist, Department of Aerospace Engineering Indian Institute of Science, Bangalore 560 012 +91-80-229330331, psk@aero.iisc.ernet.in
12	Dr. Sarath Kumar Maharana	Acharya Institute of Technology	External Member	Dean(Research & Development), Acharya Institute of Technology, SarvapalliRadhakrishnan Road, Hessarghatta Main Road, Bangalore –

				560090. +91-9900094967,email: saratkumarmaharana@acharya.ac.in, alternate email id : skmaha123@gmail.com
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M. S. Ramaiah University of Applied Sciences- Bangalore				
Programme	M.B.A, M. Com., M.H.A.			
Course	M. B. A. in Marketing Management, Human Resource Management, Financial Management, Operations Management, Small Business & Entrepreneurship M. Com. in Banking & Finance, Accounting & Taxation M.H.A.			
BoS	BoS in Management and Commerce			
Members of BoS in Management and Commerce				
S. No.	Name	Affiliation	Designation	Contact Details (E-Mail & Mobile No.)
1	Dr. N Suresh	MSRUAS	Chairperson	hod.ms.mc@msruas.ac.in 9980995377
2	Dr. Kavitha Desai	MSRUAS	Member	hod.co.mc@msruas.ac.in 9535146191
3	Dr. Sandhya Iya	MSRUAS	Member	sandhyaiya.ms.mc@msruas.ac.in 9741704807
4	Prof. H N Nagesha	MSRUAS	Member	registrar.acad.mc@msruas.ac.in 80956 74637
5	Prof. G Devakumar	MSRUAS	Member	devakumar.ms.mc@msruas.ac.in 92429 49270
6	Mr. Lokesh A C	MSRUAS	Member	lokesh.ms.mc@msruas.ac.in 94485 96295
7	Ms. Neena Prasad	MSRUAS	Member	neenaprasad.ms.mc@msruas.ac.in 9980160405
8	Mr. Uday Kumar Jagannathan	MSRUAS	Member	ujagannathan.ms.mc@msruas.ac.in 95357 56405
9	Ms. Shilpa R G	MSRUAS	Member	shilparg.ms.mc@msruas.ac.in 96209 18675
10	Dr. Shalini D	MSRUAS	Member	shalinid.ha.mc@msruas.ac.in 9880444411
11	Dr. Maruthi Ram R.,	DayanandaSagar Academy of Technology and Management - Bangalore	External Member	Professor, Department of Management Studies, DayanandaSagar Academy of Technology and Management, Opp. to Art of Living International Centre Kanakpura Road, Udaypura, Bangalore- 560082 Bangalore 9008101983 Email: dr.rmram@gmail.com
12	Dr. Mahabaleswara Bhatta HS,	Global Institute of Management Studies - Bangalore	External Member	Director, Global Institute of Management Sciences, #6, 3rd Cross, D Road, Ideal Homes Township, Rajarajeswari Nagar , Bengaluru -98. 9632072519 Email: maabi_bhat@yahoo.co.in

M. S. Ramaiah University of Applied Sciences- Bangalore				
Programme	B.Des. and M. Des.			
Courses	B. Des. in Product Design, Visual Communication M. Des. in Product Design, Rural Product Design, Commercial & Retail Design, Computer Animation & Game Design, Fashion Design			
BoS	BoS in Art & Design			
Members of BoS in Art & Design				
S. No.	Name	Affiliation	Designation	Contact Details (E-Mail & Mobile No.)
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5	<u>Mr. VigneshRavichandran</u>	MSRUAS	Member	vignesh.id.ad@msruas.ac.in 7795360858
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M. S. Ramaiah University of Applied Sciences- Bangalore				
Programme		M.Sc.,		
Courses		M.Sc., in Physics		
BoS		BoS in Physics		
Members of BoS in Physics				
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3	Dr. Bhaghyesh	MSRUAS	Member	bhaghyesh.pi.sh@msruas.ac.in 9481920572
4	Mr. K. V. Priyesh	MSRUAS	Member	priyeshkv.pi.sh@msruas.ac.in 9447295667
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M. S. Ramaiah University of Applied Sciences- Bangalore				
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Courses		M.Sc., in Chemistry		
BoS		BoS in Chemistry		
Members of BoS in Chemistry				
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M. S. Ramaiah University of Applied Sciences- Bangalore				
Programme		M.Sc.,		
Courses		M.Sc., in Mathematics		
BoS		BoS in Mathematics		
Members of BoS in Mathematics				
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M. S. Ramaiah University of Applied Sciences- Bangalore				
Programme	B.H.M. and M.H.M.			
Courses	B.H.M. M.H.M. in Food Service Management, Rooms Division Management, Hospitality Finance & Marketing			
BoS	BoS in Hospitality Management & Catering Technology			
Members of BoS in Hospitality Management & Catering Technology				
S. No.	Name	Affiliation	Designation	Contact Details (E-Mail & Mobile No.)
1	Prof. Abby Mathew	MSRUAS	Chairperson	dean.hc@msruas.ac.in 98440 05139
2	Prof. Neena Joshi	MSRUAS	Member	neenajoshi@msrchm.edu 9845010578
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M. S. Ramaiah University of Applied Sciences- Bangalore				
Programme		B.D.S. and M.D.S.		
Courses		B.D.S.		
BoS		BoS in Dental Sciences		
Members of BoS in Dental Sciences				
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M. S. Ramaiah University of Applied Sciences- Bangalore				
Programme	B.Pharm., Pharm. D., M. Pharm.			
Courses	B.Pharm., Pharm. D., M. Pharm in Pharmacognosy, Pharmaceutical Chemistry, Pharmaceutics, Pharmacology, Pharmaceutical Analysis, Pharmaceutical Quality Assurance, Pharmacy Practice, Pharmaceutical Technology, Herbal Drug Technology			
BoS	BoS in Pharmacy			
Members of BoS in Pharmacy				
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3	Dr. S. Bharath	MSRUAS	Member	bharath.ps.ph@msruas.ac.in 9845933423
4	Prof. Anita Murali	MSRUAS	Member	anitamurali.pg.ph@msruas.ac.in 9845105865
5	Dr. E. Maheswari	MSRUAS	Member	maheswari.pp.ph@msruas.ac.in 9620451165
6	Prof. Narayan Babu	MSRUAS	Member	narayanababu.py.ph@msruas.ac.in 9886909265
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Annexure 2

List of Software

1. Mechanical, Automotive, Aeronautical, Civil Engineering

CATIA
UGNX
AUTODESK COMPLETE SUITE
TEAM CENTRE
ALTAIR HYPERWORKS
ANSYS
NASTRAN/PATRAN
ABACUS
FE-SAFE
ADAMS
RICARDO VECTIS
LS-DYNA
MATLAB
AME SIM
DFMA
ERP NAVIGATOR
PREACTOR 10
SIMIO SERVER
CAPSMILL, CAPSTRUN
ARENA
SOLID CAST
CES

2. Electronic/Electrical/Computer Science

MATLAB
DS-5
KEIL
ADVANCED SYSTEM DESIGN 2011.1
EM PRO
SYSTEM VIEW
XILINX ISE VIVADO
EMPIRE 3D
CADENCE
RVDS
DE-2 QUARTUS
MP LAB IDE
MULTISIM
LABVIEW

3. Art and Design

Autodesk	<ul style="list-style-type: none">• Sketchbook Pro 2014• Sketchbook Designer 2014• AutoCAD2014• Alias Automotive 2014• Maya 2014• 3DS Max 2014• Showcase Professional 2014• Mould flow Insight Advanced 2014• Autodesk 360
Adobe	<ul style="list-style-type: none">• Adobe Illustrator CC• Adobe Photoshop CC• Adobe After Effects CC• Adobe Audition CC• Adobe Flash Professional CC• Adobe In Design CC• Adobe Premiere Pro CC
Corel Draw	<ul style="list-style-type: none">• Corel Draw 12 Suite

4. Management and Commerce

ERP Navigator
Fortune NEXT 6i Professional
SPSS
Tally 9

5. Science and Humanities

MATLAB

6. Dental Sciences

Dolphin Imaging Premium

7. Pharmacy

Turbo C
CAMAG – HPTLC SYSTEM – SWITZERLAND (Thin layer Chromatography – WINCAT’S software)
MICRO IMAGE LITE – OLYMPUS
PCP disso – Drug release Kinetic studies
Graph pad Prism – ver. 4.0
NIVIQUE DAS SYSTEM (ECG, BP, TISSUE CONTRACTION – INCREASED USE OF DRUG)
MICROMEDEX – DRUG INFORMATION SOFTWARE
TOPCAT – Drug Design – Auxiliary software
IR – Infra Red software
Euro Chrome software
NETLIB – Library Information Software

8. General Software

Microsoft Office 2013 (full package)
Tally 9 multi user accounting package
LibSoft Ver. 9.0.0 MS Access, Multi user
Front Page 2003
Saral Pay Pack Advanced Multi User
University Management System (Custom Built)
Grey Tip (HR Software)
Ac Pac (Accounts Software)
Bar Coding Software

9. PACE- Grant

Autodesk	<ul style="list-style-type: none"> • Sketchbook Pro 2014 • Sketchbook Designer 2014 • AutoCAD2014 • Alias Automotive 2014 • Maya 2014 • 3DS Max 2014 • Showcase Professional 2014 • Moldflow Insight Advanced 2014 • Autodesk 360
LSTC	<ul style="list-style-type: none"> • LS Dyna
Altair	<ul style="list-style-type: none"> • Altair-Hyperworks
Siemens	<ul style="list-style-type: none"> • NX (Unigraphics) • PLM Software, Inc.

