



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution	M. S. RAMAIAH INSTITUTE OF TECHNOLOGY (AUTONOMOUS)
Name of the head of the Institution	Dr. N. V. R. NAIDU
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	08023603122
Mobile no.	9972087184
Registered Email	principal@msrit.edu
Alternate Email	nvrnaidu@gmail.com
Address	MSRIT Post, MSR Nagar
City/Town	Bengaluru
State/UT	Karnataka
Pincode	560054

2. Institutional Status					
Autonomous Status (Provide date of Conformant of Autonomous Status)			20-Dec-2007		
Type of Institution			Co-education		
Location			Urban		
Financial Status			private		
Name of the IQAC co-ordinator/Director			Dr. Pradipkumar Dixit		
Phone no/Alternate Phone no.			08023603122		
Mobile no.			7259920479		
Registered Email			iqac@msrit.edu		
Alternate Email			dix.hve@msrit.edu		
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)			https://s3.amazonaws.com/naac.msrit.edu/new_downloads/Old+AQAR-pdf-for+upload/AQAR+2017-18.pdf		
4. Whether Academic Calendar prepared during the year			Yes		
if yes,whether it is uploaded in the institutional website: Weblink :			https://msrit-bucket.s3-us-west-2.amazonaws.com/Uploads/academic_cal_2019-20.jpg		
5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	A	3.01	2014	10-Dec-2014	09-Dec-2019
6. Date of Establishment of IQAC			01-Oct-2014		
7. Internal Quality Assurance System					
Quality initiatives by IQAC during the year for promoting quality culture					

Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
IQAC general body meeting	21-Sep-2018 1	15
Submission of AQAR (2017-18)	14-Dec-2018 1	50
IQAC audit	29-Jan-2019 3	380
NBA for 3 UG programmes	04-Feb-2019 1	120
VTU, LIC visit	12-Feb-2019 1	380
AISHE	23-Feb-2019 1	380
NIRF	08-Apr-2019 1	360
IQAC general body meeting	08-Apr-2019 1	15
NBA for 5 PG programmes	17-May-2019 3	130
Visit of UGC expert committee for the extension of Autonomy	22-May-2019 2	380
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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/ Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Dr.M N Manjunatha, Chemistry	KFIST	VGST	2019 2	2000000
Dr. Raji George, Mechanical	R&D	Boeing	2019 1	2867000
Dr. Santosh Kumar, MBA	R&D	ICSSR	2019 1	900000
Dr.Pradipkumar Dixit, EEE	Mission Innovation II	DST	2018 3	3332000
Dr.Prakrathi S, Mechanical	R&D	AICTE	2018 1	500000
Dr.Jyothilakshmi R, Mech.	R&D	CIT	2018 1	500000
Dr. G N Anil Kumar, Phy.	R&D	DST	2018 1	500000
R Shobha, IEM	R&D	KSTPS	2018 1	500000

Dr.Rajeswari M Kulkarni, Chemical	R&D	KSTPS	2018 1	500000
Dr. G M Madhu, Chemical	Margadarshn	AICTE	2018 3	3000000
Dr. B K Sujatha, TCE	KFIST	VGST	2019 2	4000000
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

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10. Number of IQAC meetings held during the year :

4

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

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11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

- Initiation and support in preparing the SSR for the 2nd cycle of NAAC accreditation

- Outcomes Based Education (OBE) is an initiation by IQAC to reform the teaching and learning process in the institution.

- To inculcate self-learning capabilities, IQAC encouraged for online certification courses such as NPTEL, Swayam, Course era etc.

- IQAC suggests the departments to conduct the workshops /FDPs /seminars/ conferences in the emerging areas

- Support during the visits of NBA and UGC committees

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
To conduct at least two international conferences	1) Department of Mechanical, Civil, Chemical, BioTechnology and IEM organized an international conference during September 2018 2) Department of EEE, ECE, TCE, EIE, CSE, MCA, ISE and ML organized an international conference during October 2018.
To submit compliance report of 3 UG programmes to NBA	Submitted applications and NBA committee visited on 4/2/2019 and accorded 3 years of accreditation to all the 3 UG programmes
To participate in NIRF	Submitted the application and institute Ranked 64th among 100 institution across India.
To submit applications of 10 PG programmes for NBA accreditation	1) Submitted applications to all the 10 PG programmes. 2) NBA committee visited for the 5 programmes from 17th to 19th May 2019. 3) 4 programmes are accredited for 3 years and MBA programme is yet to receive the result.
To apply extension of 11 R&D centres and one new R&D centre	Application submitted to all the 12 departments. VTU LIC committee visited the institute on 12/2/2019. 11 departments obtained extension of research center and 01 department has been recognised as research center.
To prepare for VTU LIC visit	Successfully completed the visit
Application to UGC for the extension of Autonomy	1) Application submitted to UGC for the extension of Autonomy 2) UGC expert committee visited the institute from 22nd and 23rd May 2019. 3) Report received on 28th June 2019 4) UGC has extended the autonomy for 10 years
Application to AISHE	Submitted the application to AISHE on 23/2/2019
To organize workshops/FDPs in collaboration with industry.	Most of the departments have organized the workshops/FDPs in collaboration with industry.
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14. Whether AQAR was placed before statutory body ?	Yes
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Name of Statutory Body	Meeting Date
Academic Council	10-Apr-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
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Date of Visit	22-May-2019
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	23-Feb-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>Institution has been effectively deployed the Management Information System in the areas shown below:</p> <p>Administration: Grievance Redressal Mechanism Link: http://www.msrit.edugrievance.com/</p> <p>Finance and Accounts: Salary for Faculty and Staff, Income Tax Calculation, Balance Sheet, preparation of cheques and Accounting of all funds received from different organizations.</p> <p>Fees Payment: Students' will pay the all kinds of fees and receipt will be generated Student Admission and Support: Student Admission, Registration to Higher semesters, Proctorial process, open elective option and registration. Daily Student Attendance: Faculty will enter the attendance of each student on day to day basis. Parents can view their ward's attendance status and progress at any time anywhere. Class Management: Faculty will schedule, cancel and reschedule the classes. SMS Service: Proctor can send the group SMS to all their respective students and also HOD can send the group SMS to the entire class. CIE Report: Faculty will schedule the test question paper and map the questions to COs, POs and PSOs. After the valuation, marks will be entered to each student and question. The software will calculate the attainment of COs, POs and PSOs and generates the final report for the respective course. Examination System: Internal and semester end exam marks entry, generation of admission tickets, Room allotment, generation of Form A and B. Valuation process, Announce of Results, preparation of Marks/ Grade card.</p>

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
Mtech	CIM	Computer Integrated Manufacturing	15/03/2019
MBA	MBA	Master of Business Administration	15/03/2019
MCA	MCA	Master of Computer Applications	15/03/2019
BArch	AT	Architecture	14/03/2019
BE	BT	Biotechnology	01/03/2019
Mtech	MBT	Biotechnology	01/03/2019
BE	CH	Chemical Engineering	15/03/2019
BE	CV	Civil Engineering	14/03/2019
Mtech	MSTR	Structural Engineering	14/03/2019
BE	CSE	Computer Science Engineering	16/03/2019
Mtech	CSE	Computer Science Engineering	16/03/2019
Mtech	CNE	Computer Network Engineering	16/03/2019
BE	ECE	Electronics & Communication	23/03/2019
BE	EE	Electrical and Electronics Engineering	09/03/2019
BE	CV	Civil Engineering	14/03/2019
Mtech	MSTR	Structural Engineering	14/03/2019
BE	CSE	Computer Science Engineering	16/03/2019
Mtech	CSE	Computer Science Engineering	16/03/2019
Mtech	CNE	Computer Network Engineering	16/03/2019
BE	ECE	Electronics & Communication	23/03/2019
BE	EE	Electrical and Electronics Engineering	09/03/2019
BE	EI	Electronics and	02/03/2019

		Instrumentation Engineering	
BE	IM	Industrial Engineering and Management	09/03/2019
BE	IS	Information Science and Engineering	08/03/2019
BE	EI	Electronics and Instrumentation Engineering	02/03/2019
BE	IM	Industrial Engineering and Management	09/03/2019
BE	IS	Information Science and Engineering	08/03/2019
Mtech	SSE	Software Engineering	08/03/2019
BE	ME	Mechanical Engineering	15/03/2019
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BArch	Architecture	14/03/2019	Urban drawing (AR703)	14/03/2019
BE	Biotechnology	01/03/2019	Cell and Molecular Biology(BT36) Genetics and Genetics Engineering(BT44) Biophysics and Structural Biology NanoTechnology(BT73) IPR,Bioethics and Safety(BT74) PlantDesign Economics and Management(BT44)	01/03/2019
BE	Chemical Engineering	15/03/2019	Process Equipment Design and Drawing(CH65)	15/03/2019
BE	Civil Engineering	14/03/2019	Building Graphics -II(CVL48)	14/03/2019
BE	Computer Science	16/03/2019	OOPs lab with Java (CSL37)	16/03/2019

	Engineering		Python Programming lab(CSL48)	
Mtech	Computer Science Engineering	16/03/2019	Data Analytics Lab(MCSL24) Cloud Computing laboratory(MCSL23)	16/03/2019
Mtech	Computer Network Engineering	16/03/2019	Data Analytics Lab(MCNL24) Cloud Computing laboratory(MCNL23)	16/03/2019
BE	Electronics and Communication	23/03/2019	Fields, lines and Waves(EC43) Entrepreneurship and Management (EC54) Mixed mode VLSI (EC61) Internet of Things (EC71) Intellectual Property Rights (EC73) Mixed mode VLSI Laboratory (ECL65) Internet of Things Laboratory (ECL75)	23/03/2019
Mtech	Digital Electronics & communications	23/03/2019	MEMS and NanoElectronics (MLCE06)	23/03/2019
Mtech	VLSI Design and Embedded System	23/03/2019	MEMS and NanoElectronics (MVVE06) Digital VLSI Testing (MVVE03)	23/03/2019
BE	Electrical and Electronics Engineering	09/03/2019	Electronics Devices and Circuits	09/03/2019
BE	Electronics and Instrumentation Engineering	02/03/2019	Safety Instrumentation	02/03/2019
BE	Industrial Engineering and Management	09/03/2019	Fluid and Thermal systems Mechanisms and Machine Designs Industry 4.0	09/03/2019

			Operation Process Control Lab Supply Chain Management lab Financial Accounting Lab	
BE	Information Science and Engineering	08/03/2019	Scripting Languages labor atory(ISL58) Java & J2EE Lab(ISL67)	08/03/2019
BE	Mechanical Engineering	15/03/2019	Computer Aided Machine Drawing(ME 38L) Manufacturing P rocess-II(ME42) Composite Mater ials(ME562) Mechanical Measurements and Metrology(ME54) Non Traditional Machining(ME654) Automotive En gineering(ME746)	15/03/2019
Mtech	Computer Integrated Manufacturing	15/03/2019	Computer Aided Design(MCM13) Reverse Enginee ring(MCME14) Additive Manufa cturing(MCME04) Industrial Robotics (MCM 24)	15/03/2019
Mtech	Manufacturing Science and Engineering	15/03/2019	Additive Manu facturing(MSEE0 4)	15/03/2019
BE	Telecommunicati on Engineering	09/03/2019	OOPs using C++	09/03/2019
MCA	Master of Computer Applications	15/03/2019	User Interface and User Experience (UI/UX) Design Hadoop Eco System Deep Learning Introduction to Big Data Analytics using SPARK Social Network Analysis	15/03/2019

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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
Mtech	DCE (Courses- Digital VLSI Testing, MEMS and Nanoelectronics, Mixed mode VLSI Laboratory , Fluid and Thermal Systems)	23/03/2019
BE	ECE(Courses- Fields, Lines and Waves, Entrepreneurship and Management, Mixed mode VLSI, Internet of Things, Intellectual Property Rights)	23/03/2019
BE	EEE (Courses- Electronic Devices and Circuits)	09/03/2019
Mtech	Computer Science (Courses- Data Analytics Lab, Cloud Computing Lab)	16/03/2019
BE	Computer Science (Courses- OOPs Lab with Java,Python Programming Lab)	16/03/2019
BE	Civil Engineering (Course- Building graphics-II)	14/03/2019
BE	Chemical Engineering (Course-Process Equipment Drawing)	15/03/2019
BE	Biotechnology (Courses- NanoTechnology, IPR, Bioethics and Safety, Plant design Economics and Management))	01/03/2019
BE	ISe (Courses-Data Science Lab, Parallel Programming Lab, Machine Learning Lab, Java and J2EE Lab, Scripting Languages Lab)	08/03/2019
MCA	MCA (Courses-User Interface and User Experience (UI/UX) Design, Hadoop Eco System,, Deep Learning, Introduction to Big Data Analytics using SPARK, Social Network Analysis)	15/03/2019
BE	Tele Communication Engg (Course- OOPS Using C ++	09/03/2019

)	
BE	IEM (Courses-Mechanisms & Machine Design, Operations Process Control lab, Supply chain Management lab, Financial Accounting lab)	09/03/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	All Branches	01/03/2019
Mtech	All Branches	01/03/2019
MBA	MBA	15/03/2019
MCA	MCA	15/03/2019
BArch	Architecture	14/03/2019
MArch	Landscape Architecture	14/03/2019

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Certificate course on Chemical Plant Design Simulation	21/07/2018	10
Blockchain Application Development using Hyperledger	28/01/2019	44
DevOps	21/01/2019	44
Opportunities in Emerging Technologies	15/06/2018	44
Android Application Development	15/06/2018	7
Java and J2EE	15/06/2018	25
Python Programming	15/06/2018	41
Web Application Development	15/06/2018	12
Data Science Analysis with R	15/06/2018	24
Data Structure using C	15/06/2018	9
IoT with Raspberry Pi	15/06/2018	31
Programming with MATLAB	15/06/2018	16
Network Simulation (NS3) Next Generation Mobile Networks	23/07/2018	41
Practical Statistical	23/07/2018	41

Machine Learning and Data Science with Julia		
Apple Training	17/09/2018	162
Cloud based IoT Programming	16/01/2018	31
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BArch	Architecture	86
MArch	Architecture	11
BE	Biotechnology	48
Mtech	Biotechnology	14
BE	Chemical Engineering	68
BE	Civil Engineering	28
Mtech	Structural Engineering	6
BE	Computer Science Engineering	122
Mtech	Computer Science Engineering	28
Mtech	Computer Network Engineering	13
BE	Electronics & Communication	128
Mtech	Digital Electronics and Communication	22
Mtech	VLSI Design & Embedded Systems	13
BE	Electrical and Electronics Engineering	35
Mtech	Computer Applications in Industrial Drives	10
BE	Electronics & Instrumentation Engineering	49
BE	Industrial Engineering and Management	48
BE	Information Science and Engineering	156
Mtech	Software Engineering	27
BE	Mechanical Engineering	184
Mtech	Computer Integrated Manufacturing	9
Mtech	Manufacturing Science and Engineering	15

BE	Medical Electronics	54
BE	Telecommunication Engineering	64
Mtech	Digital Communication	13
MBA	Master of Business Administration	104
MCA	Master of Computer Applications	52
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	No

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?
(maximum 500 words)

Feedback Obtained
<p>Students Feedback: Department regularly conducts meeting with class representative of all the semester and any feedback regarding the curriculum is discussed in BOS meeting and any changes in the curriculum will be implemented for the next batch of students. Teachers feedback: At the end of the semester, teachers handling the course will give their suggestion about the course indicating whether any topic can be included or it can be removed or the syllabus content could be completed in the stipulated time. This feedback from the teachers will be analysed and will be implemented depending on the suggestions. Employers Feedback: Every year Employers survey will be sent to the employer and their suggestion will be discussed in BOS meetings and changes will be incorporated so that the syllabus content is in par with the industries. Alumni Feedback: Alumni will be one of the BOS member and hence all his suggestions will be considered in the revision of the syllabus</p>

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	Biotechnology	60	1019	60
BE	Chemical Engineering	60	1390	60
BE	Civil Engineering	120	1899	116
BE	Computer Science and Engineering	120	78765	119
BE	Electronics and	120	19032	120

	Communication Engineering			
BE	Electronics and Instrumentation Engineering	60	1229	60
BE	Electrical and Electronics Engineering	60	2877	60
BE	Industrial Engineering and Management	60	801	60
BE	Information Science and Engineering	120	11090	120
BE	Medical Electronics	60	782	60
BE	Telecommunication Engineering	60	2659	60
BArch	Architecture	80	1923	75
BE	Mechanical Engineering	180	31223	180
Mtech	Structural Engineering	30	288	30
Mtech	Manufacturing Science and Engineering	18	22	16
Mtech	Computer Integrated Manufacturing	18	20	9
Mtech	Computer Applications in Industrial Drives	18	21	14
Mtech	Digital Electronics and Communication	30	41	23
Mtech	VLSI Design and Embedded Systems	18	44	15
Mtech	Computer Science and Engineering	30	69	27
Mtech	Computer Networks and Engineering	18	39	17
Mtech	Software Engineering	30	61	25
Mtech	Industrial Engineering	18	33	11

Mtech	Digital Communication	18	36	15
Mtech	Biotechnology	18	28	11
MCA	Master of Computer Applications	60	299	59
MBA	Master of Business Administration	120	482	120
MArch	Landscape Architecture	20	47	20
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	5318	860	242	32	102

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
379	266	8	131	55	14

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The Proctorial System has been introduced with the main objective of providing supportive care and counsel to students in their academic and personal problems. This system helps the students complete their studies comfortably and successfully. At the core of this system lies the Proctor, a faculty member assigned to a student as an academic advisor. The proctor remains same for the duration of the student's program, thereby allowing his progress to be tracked on a regular basis. The college encourages parents to be in regular contact with the Proctor/Chief Proctor/HOD/Principal. Objectives • To inspire a healthy relationship between the teacher and student. • To eliminate any indiscipline among the students. • To improve the overall academic performance in the Examination. • To give students a measure of selfconfidence. Functions of the Proctor Every teaching department implements the proctorial process through its faculty all the faculty members are designated as proctors. The Proctor acts as a local guardian to solve the academic and administrative problems of his wards. The Proctor closely monitors the progress of students under his/her care and helps them in overcoming their problems. The Proctor assists in academic and overall development of the student under his charge. The Proctor conducts regular meetings with Students and, if required, parents. Proctorial Process The proctor maintains a Student Information Record (SIR) for each of his/her wards which gives all the details of the students, in terms of course registration/course dropping/withdrawn/re-registration etc. In addition to details of proctorstudent meetings held from time to time, SIR also gives the details of the performance of the candidate in the semester end examination. Provision has been made to send the progress reports of each student to his/her parents/guardians furnishing the details of attendance, class marks, examination results, etc. These reports are sent

twice in a semester (at the end of 45 days 90 days from the starting of the semester) to the parent / guardian of each student. The proctorial process is made more effective by web enabling the SIS (Student Information System) by the Contineo esutra software. Students are allowed to register the core subjects, Elective subjects, Practical, open elective subjects etc. through the SIS. Faculty members enter attendance and CIE marks in the SIS regularly. Each student and parent is assigned with a Login ID and password, which enables them to view the status of attendance, CIE marks, proctor notes, rolledout timetable, exam history, fee details and academic events regularly. The Chief Proctor regularly conducts scheduled meetings with the deputy chief proctors, HODs and Principal on the Proctorial process. The attendance and CIE Marks entered by each faculty member on the SIS is constantly monitored in the Chief Proctor's Office.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
6178	376	1:16

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
375	376	0	32	185

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr. Pradipkumar Dixit	Professor	Fellow of The Institution of Engineers (India) Chartered Engineer (India)
2019	Dr. S Sethu Selvi	Professor	Elevation to IEEE Senior Member
2019	Dr. Chandrasekhar Badachi	Associate Professor	Elevation to IEEE Senior Member

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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
Mtech	Software Engg	1 Sem 2019	20/02/2019	15/03/2019
Mtech	Digital Commn. Engg	1 Sem 2019	20/02/2019	15/03/2019
Mtech	BioTechnology	1 Sem 2019	20/02/2019	15/03/2019
MBA	MBA	1 Sem 2019	20/02/2019	12/03/2019
MCA	MCA	1 Sem 2019	20/02/2019	11/03/2019
MArch	LA	1 Sem 2019	20/02/2019	15/03/2019

BE	EEE	5 Sem 2019	28/01/2019	14/02/2019
BE	EC	5 Sem 2019	28/01/2019	14/02/2019
BE	CSE	5 Sem 2019	28/01/2019	14/02/2019
BE	CH	5 Sem 2019	28/01/2019	14/02/2019
BE	IEM	5 Sem 2019	28/01/2019	14/02/2019
BE	ISE	5 Sem 2019	28/01/2019	14/02/2019
BE	EIE	5 Sem 2019	28/01/2019	14/02/2019
BE	TE	5 Sem 2019	28/01/2019	14/02/2019
BE	ML	5 Sem 2019	28/01/2019	14/02/2019
BE	BT	5 Sem 2019	28/01/2019	14/02/2019
BArch	AT	5 Sem 2019	23/01/2019	14/02/2019
BE	CV	7 Sem 2019	25/01/2019	14/02/2019
BE	ME	7 Sem 2019	25/01/2019	14/02/2019
BE	EEE	7 Sem 2019	25/01/2019	14/02/2019
BE	EC	7 Sem 2019	25/01/2019	14/02/2019
BE	CSE	7 Sem 2019	25/01/2019	14/02/2019
BE	CH	7 Sem 2019	25/01/2019	14/02/2019
BE	IEM	7 Sem 2019	25/01/2019	14/02/2019
BE	ISE	7 Sem 2019	25/01/2019	14/02/2019
BE	EIE	7 Sem 2019	25/01/2019	14/02/2019
BE	TE	7 Sem 2019	25/01/2019	14/02/2019
BE	ML	7 Sem 2019	25/01/2019	14/02/2019
BE	BT	7 Sem 2019	25/01/2019	14/02/2019
BE	CIVIL	2 Sem 2019	20/06/2019	01/07/2019
BE	ME	2 Sem 2019	20/06/2019	01/07/2019
BE	EEE	2 Sem 2019	20/06/2019	01/07/2019
BE	EC	2 Sem 2019	20/06/2019	01/07/2019
BE	CSE	2 Sem 2019	20/06/2019	01/07/2019
BE	CH	2 Sem 2019	20/06/2019	01/07/2019
BE	IEM	2 Sem 2019	20/06/2019	01/07/2019
BE	ISE	2 Sem 2019	20/06/2019	01/07/2019
BE	EIE	2 Sem 2019	20/06/2019	01/07/2019
BE	TE	2 Sem 2019	20/06/2019	01/07/2019
BE	ML	2 Sem 2019	20/06/2019	01/07/2019
BE	BT	2 Sem 2019	20/06/2019	01/07/2019
BArch	AT	2 Sem 2019	17/06/2019	03/07/2019
BArch	AT	7 Sem 2019	16/01/2019	14/02/2019
Mtech	Structural Engineering	1 Sem 2019	20/02/2019	15/03/2019
Mtech	Computer Integrated	1 Sem 2019	20/02/2019	15/03/2019

	Manufacturing			
Mtech	Manufacturing Science Engg	1 Sem 2019	20/02/2019	15/03/2019
Mtech	Computer Applications in Industrial Drives	1 Sem 2019	20/02/2019	15/03/2019
Mtech	Digital Electronics Communication	1 Sem 2019	20/02/2019	15/03/2019
Mtech	VLSI Design and Embedded Systems	1 Sem 2019	20/02/2019	15/03/2019
Mtech	Computer Science Engineering	1 Sem 2019	20/02/2019	15/03/2019
Mtech	Comp. Network Engineering	1 Sem 2019	20/02/2019	15/03/2019
Mtech	Industrial Engg	1 Sem 2019	20/02/2019	15/03/2019
Mtech	Structural Engineering	3 Sem 2019	18/01/2019	16/02/2019
Mtech	Computer Integrated Manufacturing	3 Sem 2019	16/01/2019	16/02/2019
Mtech	Manufacturing Science Engg	3 Sem 2019	16/01/2019	16/02/2019
Mtech	Computer Applications in Industrial Drives	3 Sem 2019	16/01/2019	16/02/2019
Mtech	Digital Electronics Communication	3 Sem 2019	16/01/2019	16/02/2019
Mtech	VLSI Design and Embedded Systems	3 Sem 2019	16/01/2019	16/02/2019
Mtech	Computer Science Engineering	3 Sem 2019	16/01/2019	16/02/2019
Mtech	Comp. Network Engineering	3 Sem 2019	16/01/2019	16/02/2019
Mtech	Industrial Engg	3 Sem 2019	21/01/2019	16/02/2019
Mtech	Software Engg	3 Sem 2019	14/01/2019	16/02/2019
Mtech	Digital Commn. Engg	3 Sem 2019	16/01/2019	16/02/2019
Mtech	BioTechnology	3 Sem 2019	16/01/2019	16/02/2019
MBA	MBA	3 Sem 2019	31/12/2018	14/02/2019
MCA	MCA	3 Sem 2019	25/01/2019	15/02/2019

MArch	LA	3 Sem 2019	18/01/2019	16/02/2019
MCA	MCA	5 Sem 2019	22/01/2019	15/02/2019
BE	CV	1 Sem 2019	28/01/2019	11/02/2019
BE	ME	1 Sem 2019	28/01/2019	11/02/2019
BE	EE	1 Sem 2019	28/01/2019	11/02/2019
BE	EC	1 Sem 2019	28/01/2019	11/02/2019
BE	CS	1 Sem 2019	28/01/2019	11/02/2019
BE	CH	1 Sem 2019	28/01/2019	11/02/2019
BE	IEM	1 Sem 2019	28/01/2019	11/02/2019
BE	ISE	1 Sem 2019	28/01/2019	11/02/2019
BE	EIE	1 Sem 2019	28/01/2019	11/02/2019
BE	TE	1 Sem 2019	28/01/2019	11/02/2019
BE	ML	1 Sem 2019	28/01/2019	11/02/2019
BE	BT	1 Sem 2019	28/01/2019	11/02/2019
BArch	AT	1 Sem 2019	22/01/2019	12/02/2019
BE	CIVIL	3 Sem 2019	31/01/2019	12/02/2019
BE	ME	3 Sem 2019	31/01/2019	12/02/2019
BE	EEE	3 Sem 2019	31/01/2019	12/02/2019
BE	EC	3 Sem 2019	31/01/2019	12/02/2019
BE	CSE	3 Sem 2019	31/01/2019	12/02/2019
BE	CH	3 Sem 2019	31/01/2019	12/02/2019
BE	IEM	3 Sem 2019	31/01/2019	12/02/2019
BE	ISE	3 Sem 2019	31/01/2019	12/02/2019
BE	EIE	3 Sem 2019	31/01/2019	12/02/2019
BE	TE	3 Sem 2019	31/01/2019	12/02/2019
BE	ML	3 Sem 2019	31/01/2019	12/02/2019
BE	BT	3 Sem 2019	31/01/2019	12/02/2019
BArch	AT	3 Sem 2019	21/01/2019	14/02/2019
BE	CIVIL	5 Sem 2019	28/01/2019	14/02/2019
BE	ME	5 Sem 2019	28/01/2019	14/02/2019
BE	CIVIL	4 Sem 2019	22/06/2019	03/07/2019
BE	ME	4 Sem 2019	22/06/2019	03/07/2019
BE	EEE	4 Sem 2019	22/06/2019	03/07/2019
BE	EC	4 Sem 2019	22/06/2019	03/07/2019
BE	CSE	4 Sem 2019	22/06/2019	03/07/2019
BE	CH	4 Sem 2019	22/06/2019	03/07/2019
BE	IEM	4 Sem 2019	22/06/2019	03/07/2019
BE	ISE	4 Sem 2019	22/06/2019	03/07/2019
BE	EIE	4 Sem 2019	22/06/2019	03/07/2019
BE	TE	4 Sem 2019	22/06/2019	03/07/2019

BE	ML	4 Sem 2019	22/06/2019	03/07/2019
BE	BT	4 Sem 2019	22/06/2019	03/07/2019
BArch	AT	4 Sem 2019	13/06/2019	03/07/2019
BE	CIVIL	6 Sem 2019	15/06/2019	03/07/2019
BE	ME	6 Sem 2019	20/06/2019	03/07/2019
BE	EEE	6 Sem 2019	15/06/2019	03/07/2019
BE	EC	6 Sem 2019	15/06/2019	03/07/2019
BE	CSE	6 Sem 2019	18/06/2019	03/07/2019
BE	CH	6 Sem 2019	18/06/2019	03/07/2019
BE	IEM	6 Sem 2019	15/06/2019	03/07/2019
BE	ISE	6 Sem 2019	15/06/2019	03/07/2019
BE	EIE	6 Sem 2019	15/06/2019	03/07/2019
BE	TE	6 Sem 2019	15/06/2019	03/07/2019
BE	ML	6 Sem 2019	15/06/2019	03/07/2019
BE	BT	6 Sem 2019	15/06/2019	03/07/2019
BArch	AT	6 Sem 2019	11/06/2019	03/07/2019
BE	CIVIL	8 Sem 2019	12/06/2019	22/06/2019
BE	ME	8 Sem 2019	13/06/2019	22/06/2019
BE	EEE	8 Sem 2019	10/06/2019	22/06/2019
BE	EC	8 Sem 2019	08/06/2019	22/06/2019
BE	CSE	8 Sem 2019	10/06/2019	22/06/2019
BE	CH	8 Sem 2019 8 Sem 2019	10/06/2019	22/06/2019
BE	IEM	8 Sem 2019	10/06/2019	22/06/2019
BE	ISE	8 Sem 2019	08/06/2019	22/06/2019
BE	EIE	8 Sem 2019	10/06/2019	22/06/2019
BE	TE	8 Sem 2019	08/06/2019	22/06/2019
BE	ML	8 Sem 2019	08/06/2019	22/06/2019
BE	BT	8 Sem 2019	10/06/2019	22/06/2019
BArch	AT	8 Sem 2019	14/06/2019	03/07/2019
Mtech	Structural Engineering	2 Sem 2019	03/07/2019	18/07/2019
Mtech	Computer Integrated Manufacturing	2 Sem 2019	03/07/2019	18/07/2019
Mtech	Manufacturing Science Engg	2 Sem 2019	03/07/2019	18/07/2019
Mtech	Computer Applications in Industrial Drives	2 Sem 2019	03/07/2019	18/07/2019
Mtech	Digital Electronics	2 Sem 2019	03/07/2019	18/07/2019

	Communication			
Mtech	VLSI Design and Embedded Systems	2 Sem 2019	03/07/2019	18/07/2019
Mtech	Computer Science Engineering	2 Sem 2019	03/07/2019	18/07/2019
Mtech	Comp. Network Engineering	2 Sem 2019	03/07/2019	18/07/2019
Mtech	Industrial Engg	2 Sem 2019	03/07/2019	18/07/2019
Mtech	Software Engg	2 Sem 2019	03/07/2019	18/07/2019
Mtech	Digital Commn. Engg	2 Sem 2019	03/07/2019	18/07/2019
Mtech	BioTechnology	2 Sem 2019	03/07/2019	18/07/2019
MBA	MBA	2 Sem 2019	03/07/2019	12/07/2019
MCA	MCA	2 Sem 2019	01/07/2019	12/07/2019
MArch	LA	2 Sem 2019	28/06/2019	05/07/2019
MBA	MBA	4 Sem 2019	26/06/2019	05/07/2019
MCA	MCA	4 Sem 2019	17/06/2019	03/07/2019
MArch	LA	4 Sem 2019	12/06/2019	05/07/2019
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
14	6178	0.22 %

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://msrit.edu/syllabus-18-19.html>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
ML	BE	Medical Electronics	53	46	86.7
TC	BE	Telecommunication Engineering	61	60	98.4
LDC	Mtech	Digital Communication Engineering	12	12	100
MBA	MBA	Master of Business Adm	109	106	97.2

		inistration			
MCA	MCA	Master of Computer Applications	64	63	98.4
AT	BArch	Architecture	84	84	100
LA	MArch	Architecture	16	16	100
BT	BE	BioTechnology	50	50	100
BBT	Mtech	BioTechnology	17	16	94.1
CH	BE	Chemical Engineering	63	62	98.4
CV	BE	Civil Engineering	134	129	96.2
CS	BE	Computer Science and Engineering	153	153	100
CSE	Mtech	Structural Engineering	29	23	79.3
SCS	Mtech	Computer Science and Engineering	26	23	88.4
CNE	Mtech	Computer Network Engineering	13	9	69.2
EC	BE	Electronics and Communic ation Engineering	140	136	97.1
LEC	Mtech	Digital Electronics and Communic ation	25	19	76
LVS	Mtech	VLSI and Embedded Systems	16	16	100
EE	BE	Electrical and Electronics Engineering	59	58	98.3
ECD	Mtech	Computer Applications in Industrial Drives	12	7	58.3
EI	BE	Electronics and Intrumen tation Engineering	56	53	94.6
IM	BE	Industrial	57	50	87.7

		Engineering & Management			
MIE	Mtech	Industrial Engineering	9	8	88.8
IS	BE	Information Science and Engineering	140	137	97.8
SSE	BE	Software Engineering	26	16	61.5
ME	BE	Mechanical Engineering	224	216	96.4
MSE	Mtech	Manufacturing Science and Engineering	16	16	100
MCM	Mtech	Computer Integrated Manufacturing	13	12	92.3
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://msrit-bucket.s3-us-west-2.amazonaws.com/Uploads/Student_Satisfaction_Survey_2018_19.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

Yes
Name of the teacher getting seed money
Gurural Lalagi, Bhardwag Gururaj Anilkumar, Dr. Nagaraju Kottam, Dr. Raghuram , Dr.Sridhar B S
View File

3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
International	Dr.M R Sanjay	PostDoctoral fellowship	01/06/2018	King Mongkuts University of Technology, Bangkok
View File				

3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Industry sponsored Projects	1	Boeing	28.67	28.67
Major Projects	3	DST	33.32	13.04
Major Projects	1	AICTE	5	5
Major Projects	1	KSTPS	5	5
Major Projects	1	KSTPS	5	5
Major Projects	1	KSTPS	5	5
Major Projects	1	KSTPS	5	5
Major Projects	1	KSTPS	5	5
Major Projects	3	AICTE	30	15
Major Projects	2	VGST	40	20
Major Projects	2	VGST	20	10
Major Projects	1	ICSSR	9	9
View File				

3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

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3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Technical talk on Angular and Node.js Frameworks	Master of Computer Applications	13/10/2018
One week FDP on RF Circuits and Microwave Systems	Telecommunication Engg.	23/07/2018
Technical talk on Impact of CFD in the aerospace industry	Mechanical Engg.	27/03/2019
Technical talk on Mechanics of Composites	Mechanical Engg.	20/12/2018
One week FDP on Advanced DSP applications using TMS320C6713/6748	Electronics instrumentation Engg., and Medical Electronics	30/07/2018
One week FDP on Medical Instrumentation and Signal Analysis using Virtual Instrumentation platform(A2A)	Medical Electronics	09/07/2018
Technical talk on Cost Effective Refractory	Mechanical Engg.	15/03/2019

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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
first prize for Girls Code Out, IEEE WIE 2019	Manasvi Bhat K	MSRIT Bangalore	08/03/2019	CSE student
Formula Bharath 2019 participation	Nikhil Praveen and team	Cathy DSouza, Event Manager, Formula Bharath, Mobility Engineering Consortium	23/01/2019	Students
Second place in Codeathon 3.0 during National Level Annual Tech Symposium, Phase Shift 2018	Manasvi Bhat K	BMS College of Engineering, Bangalore.	15/09/2018	CSE Student
winner of Smart Odisha Hackathon 2018	Ananya Pramod	Biju Patnaik University of Technology, Odisha	13/11/2018	CSE Student
Second place in GE Healthcare Precision Health Challenge 2018	Manasvi Bhat K	GE Campus Whitefield Bangalore	10/12/2018	CSE Student
Formula Bharath	Gururaj	Cathy DSouza, Event Manager, Formula Bharath, Mobility Engineering Consortium	23/01/2019	Faculty
Winner of Smart India Hackathon 2019	Ananya Pramod	Smart India Hackathon, MHRD	02/03/2019	CSE student

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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Nil	Nil	Nil	Mesh3 Designs	3D printing solutions	12/04/2019
Nil	Nil	Nil	Starya Mobility	Providing Internship and student projects	05/12/2018

Nil	Nil	Nil	Drives	Electrical Vehicles	11/12/2018
View File					

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Physics	1
Mechanical Engineering	6
Chemical Engineering	2
Civil Engineering	1
Industrial Engineering Management	2
Electronics Communication Engineering	3
Chemistry	3
Telecommunication Engineering	1
Mathematics	2
Information Science Engineering	1
MBA	4

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Medical Electronics	4	0.59
International	MCA	1	0.17
International	Electrical Electronics Engineering	5	0.27
International	Computer Science Engineering	5	0.22
International	Biotechnology	8	0.41
International	Mechanical Engineering	10	0.37
International	Chemical Engineering	7	0.87
International	Civil Engineering	1	0.23
International	Industrial Engineering Management	3	0.16
International	Electronics Communication Engineering	10	0.42
International	Chemistry	27	0.53
International	Telecommunication Engineering	4	0.21
International	Mathematics	1	0.13

International	Information Science Engineering	6	0.22
International	MBA	1	0.21
International	Physics	17	0.53
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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Mechanical Engineering	65
Chemical Engineering	1
Chemical Engineering	9
Industrial Engineering Management	4
Telecommunication Engineering	8
Mathematics	3
Information Science Engineering	11
MBA	3
Physics	16
Medical Electronics	7
MCA	5
Electrical Electronics Engineering	3
Computer Science Engineering	10
Biotechnology	3
Architecture	6
Electronics Instrumentation Engineering	3
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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
Coffee Writing Pen	Published	319977-001	25/07/2019
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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Single Horizontal CameraBased Object Tracking Quadcopter Using StaGaus Algorithm	Shrinivasa n L., Prasad N.R.	Advances in Intelligent Systems and Computing	2019	0	Department of ECE, Ramaiah Institute of Technology, Bengaluru, 560054, India	0

CMOS Implementations of Rectified Linear Activation Function	Priyanka P., Nisarga G.K., Raghuram S.	Communications in Computer and Information Science	2019	0	Department of ECE, Ramaiah Institute of Technology, Bengaluru, 560054, India	0
A novel medical image fusion by combining TVL1 decomposed textures based on adaptive weighting scheme	Padmavathi K., Asha C.S., Maya V.K.	Engineering Science and Technology, an International Journal	2019	0	Department of Electronics and Communication, Ramaiah Institute of Technology, Bangalore, Karnataka, India	0
Biological functions of epicatechin: Plant cell to human cell health	Prakash M., Basavaraj B.V., Chidambara Murthy K.N.	Journal of Functional Foods	2019	1	Department of Biotechnology, Ramaiah Institute of Technology, MSR Nagar, MSRIT Post, Bengaluru, 560 054, India	0
Rise of Clinical Microbial Proteogenomics: A Multiomics Approach to Nontuberculous Mycobacterium The Case of Mycobacterium abscessus UC22	Advani J., Verma R., Chatterjee O., Balaya R.D.A., Najar M.A., Ravi shankara N., Suresh S., Pachori P.K., Gupta U.D., Pinto S.M., Chauhan D.S., Tripathy S.P., Gowda H., Prasad T.S.K.	OMICS A Journal of Integrative Biology	2019	0	Department of Biotechnology, M.S. Ramaiah Institute of Technology, Bangalore, India	0

Studies on batch adsorptive removal of malachite green from synthetic wastewater using acid treated coffee husk: Equilibrium, kinetics and thermodynamic studies	Krishna Murthy T.P., Gowrishankar B.S., Chandra Prabha M.N., Kruthi M., Hari Krishna R.	Microchemical Journal	2019	2	Department of Biotechnology, Ramaiah Institute of Technology, Bengaluru, Karnataka 560054, India	1
Investigation of Antimicrobial activity of CTAB assisted hydrothermally derived Nano BaTiO ₃	Sasikumar M., Ganesh Kumar A., Chandrabha M.N., Rajaram R., Krishna R.H., Ananth N., Sivakumar P.	Materials Research Express	2019	0	Department of Biotechnology, M S Ramaiah Institute of Technology, Bangalore, Karnataka, 560 054, India	0
Influence of fuel nature on dye adsorption efficiency of solution combustion derived zinc oxide nanoparticles: A comparative study	Krishna Murthy T.P., Gowrishankar B.S., Krishna R.H., Chandrabha M.N., Sreenivasa Rao R.	Materials Research Express	2019	0	Department of Biotechnology, M S Ramaiah Institute of Technology, Bengaluru, Karnataka, 560054, India	0
Kinetic and equilibrium modeling of biosorption of nickel (II) and cadmium (II) on brewery sludge	Kulkarni R.M., Vidya Shetty K., Srinikethan G.	Water Science and Technology	2019	1	Department of Chemical Engineering, Ramaiah Institute of Technology, Bangalore, India	0

Analytical solutions to nonlinear problems by the generalised form of HAM: A note	Shukla A.K., Ramamohan T.R., Srinivas S.	International Journal of Computing Science and Mathematics	2019	0	Chemical Engineering Department , MSRIT, MSR Nagar, Bangalore, Karnataka, 560054, India	0
Perovskite lanthanum aluminate nanoparticles applications in antimicrobial activity, adsorptive removal of Direct Blue 53 dye and fluoride	Manjunatha C.R., Naga bhushana B.M., Raghu M.S., Pratibha S., Dhananjaya N., Narayana A.	Materials Science and Engineering C	2019	0	Department of Chemistry, M S Ramaiah Institute of Technology, Bangalore, 560054, India	0
Tm ³ doped, Yb ³ sensitized upconversion photoluminescence and IR emission in zirconium titanate nano composites	A. S., Hanumantharayappa C., B.M. N., C.K. J.	Optik	2019	0	Department of Chemistry, M. S. Ramaiah Institute of Technology, Bangalore, 560054, India	0
Photoluminescence and \hat{f}^3 ray induced thermoluminescence investigation of phase pure cerium doped yttrium silicate nanophosphors	Dhanalakshmi K., Reddy A.J., Parashuram L.	Asian Journal of Chemistry	2019	0	Department of Physics, M.S. Ramaiah Institute of Technology, Bangalore, 560054, India	0
Study of realtime	Arun U., Sriraam N.	Wearable Technology	2018	0	M.S. Ramaiah	0

cardiac monitoring system: A comprehensive survey		s: Concepts, Methodologies, Tools, and Applications			Institute of Technology, India	
Understanding the interaction of carbon quantum dots with CuO and Cu ₂ O by fluorescence quenching	Bharathi D., Krishna R.H., Siddlingeshwar B., Divakar D.D., Alkheraif A.A.	Journal of Hazardous Materials	2019	0	Department of Physics, M. S. Ramaiah Institute of Technology, Bengaluru, Karnataka 560054, India	0
Performance characterization and selection of electro rheological fluid for damper, useful for recoil minimization in heavyduty applications	Patil S.R., Krishna S., Gawade S.S.	International Journal of Mechanical Engineering and Technology	2019	0	MSRIT, Bangalore, India	0
Characterization of Mechanical and Thermal Properties in Soda Lime Glass Particulate Reinforced LM6 Alloy Composites	Shivakumar M.R., Naidu N.V.R.	Lecture Notes in Mechanical Engineering	2019	0	Department of Industrial Engineering and Management, M. S. Ramaiah Institute of Technology, Bangalore, India	0
Finite element modelling to predict machining induced residual	Prakash Marimuthu K., Thirtha Prsada H.P., Chethan	Periodicals of Engineering and Natural Sciences	2019	0	Department of Industrial Engineering and Management, M S Ramaiah	0

stresses in the end milling of hard to machine Ti6Al4V alloy	Kumar C.S.				Institute of Technology, India	
Bin packing algorithms for virtual machine placement in cloud computing: A review	Kumaraswamy S., Nair M.K.	International Journal of Electrical and Computer Engineering	2019	0	Department of Information Science and Engineering, Ramaiah Institute of Technology, Bengaluru, 560054, India	0
Digital privacy and data security in cloudbased services: A call for action	Deshpande V.M., Nair M.K.	Studies in Computational Intelligence	2019	0	Department of I.S.E., M S Ramaiah Institute of Technology, Bangalore, India	0
Identification of essential proteins in yeast using mean weighted average and recursive feature elimination	Sekhar S.R.M., Matt S.G., Manvi S.S., Gopalalyengar S.K.	Recent Patents on Computer Science	2019	1	Department of ISE, Ramaiah Institute of Technology, Bangalore, India	0
A realtime twitter trend analysis and visualization framework	Murthy J.S., Siddesh G.M., Srinivasa K.G.	International Journal on Semantic Web and Information Systems	2019	0	Ramaiah Institute of Technology, Bengaluru, India	0
Face recognition in surveillance video for criminal investigations: A	Lakshmi N., Arakeri M.P.	Communications in Computer and Information Science	2019	0	Ramaiah Institute of Technology, Bengaluru, India	0

review						
Health advisory system using IoT technology	Asish Vardhan K., Thirupathi Rao N., Naga Mallik Raj S., Sudeepthi G., Divya, Bhattacharya D., Kim T.H.	International Journal of Recent Technology and Engineering	2019	0	Department of Information Science and Engineering, M S Ramaiah Institute of Technology, Bengaluru, India	0
Predicting the severity of closed source bug reports using ensemble methods	Pushpalatha M.N., Mrunalini M.	Smart Innovation, Systems and Technologies	2019	0	Ramaiah Institute of Technology, Bangalore, 560054, India	0
DDX5/p68 associated lncRNA LOC284454 is differentially expressed in human cancers and modulates gene expression	Das M., Renganathan A., Dighe S.N., Bhaduri U., Shettar A., Mukherjee G., Kondaiah P., Satyanarayana Rao M.R.	RNA Biology	2018	4	Department of Biotechnology Engineering, MS Ramaiah Institute of Technology, Bangalore, 560054, India	3
Enrichment of in vivo efficacy of catechin rich extract with the application of nanotechnology	Monika P., Basavaraj B.V., Chidambara Murthy K.N., Ahalya N., Bharath S.	International Journal of Applied Pharmaceutics	2018	0	International Journal of Applied Pharmaceutics	0
JMJD6 induces HOTAIR, an oncogenic lincRNA, by physically interacting	Biswas A., Shettar A., Mukherjee G., Kondaiah P., Desai K.V.	Biochemical Journal	2018	0	Department of Biotechnology, MS Ramaiah Institute of Technology, Bangalore,	0

g with its proximal promoter					560054, India	
Nanoencapsulation: An advanced nanotechnology approach to enhance the biological efficacy of curcumin	Murthy K.N.C., Monika P., Jayaprakasha G.K., Patil B.S.	ACS Symposium Series	2018	0	Department of Biotechnology, Ramaiah Institute of Technology, MSR Nagar, MSRIT Post, Bangalore, 560 054, India	0
Catalytic valorization of raw glycerol derived from biodiesel: a review	Veluturla S., Archana N., Subba Rao D., Hezil N., Indraja I.S., Spoorthi S.	Biofuels	2018	1	Department Of Chemical Engineering , M.S. Ramaiah Institute Of Technology, MSR Nagar, Bangalore, Karnataka 560054, India	0
Comparison of Variations of TEC at Disturbed and Quiet Time Using Nonlinear Dynamics Tools	Eapen S., Asokan K., Kumar K.S., Ramamohan T.R., Kumar A	Journal of Geophysical Research: Space Physics	2018	0	Department of Chemical Engineering , M. S. Ramaiah Institute of Technology, MSR Nagar, Bangalore, India	0
Nano tin ferrous oxide decorated graphene oxide sheets for efficient arsenic (III) removal	Sharma M., Ramakrishnan S., Remanan S., Madras G., Bose S.	NanoStruct ures and NanoObjects	2018	4	Department of Chemical Engineering , M. S. Ramaiah Institute of Technology, Bangalore, India	3
Polymeric nanocomposites for d	Kittur A.A., Madhu	Chemistry and Chemical	2018	0	M. S. Ramiah Institute	0

ehydration of isopropyl alcoholâ€”water mixtures by pervaporation	G.M., Rashmi S.H., Rajanna S.S., Yaranal N.A.	Technology			of Technol ogy, Bangalore, Karnataka 560054, India	
Removal of remazol brilliant blue dye from aqueous solutions using water hyacinth root powder	Kulkarni M.R., Bhag yalakshmi C., Anand D., Herle R.N.	Desalinati on and Water Treatment	2018	0	Chemical E ngineering Department , Ramaiah Institute of Technol ogy, MSR Nagar, MSRIT Post, Bangalore, 560 054, India	0
Structural mechanical and electrical property evaluation of nano cadmium oxide polyvinyl alcohol composites	Rashmi S.H., Soum yashree A., Shrusti S., Shivani S., Aamir D., Kittur A.A., Sudhina H.K., Kote swararao J., Madhu G.M.	Internatio nal Journal of Plastics Technology	2018	0	Department of Chemical E nginnering , M S Ramaiah Institute of Technol ogy, Bangalore, Karnataka 560054, India	0
CdSiO ₃ :Eu ³⁺ nanophosphor: one pot synthesis and enhancement of orangeâ€”red emission through Li codoping	Shivakumar a J., Chik kahanumant harayappa, Krishna R.H., Ashoka S., Nagaraju G.	Journal of Materials Science: Materials in Electro nics	2018	0	Departemen t of Chemistry, M. S. Ramaiah Institute of Technol ogy, Bangalore, 560054, India	0
The onset of magneto electroconvection in a dielectric fluid saturated porous	Gayathri M.S., Dinesh P.A., Rangaraju B.V., Rushi Kumar B.	Special Topics and Reviews in Porous Media	2018	0	Department of Mathema tics, M. S. Ramaiah Institute of Technol ogy, Bangalore, 560 054,	0

medium					India	
Behavioral finance and its impact on poor financial performance of SMES: A review	Raveendra P.V., Singh J.E., Singh P., Kumar S.S.	International Journal of Mechanical Engineering and Technology	2018	0	Department of Management Studies, M. S.Ramaiah Institute of Technology, Bangalore, India	0
Entrepreneurship development through industry institute collaboration: An observation	Raveendra P.V., Rizwana M., Singh P., Satish Y.M., Kumar S.S.	International Journal of Civil Engineering and Technology	2018	0	Department of Management Studies, M.S. Ramaiah Institute of Technology, Bangalore, India	0
Performance appraisal biases and behavioral biases in decision making: An empirical study	Raveendra P.V., Rizwana M., Singh P., Santhosh Kumar S., Vijaya kumar G.	International Journal of Mechanical Engineering and Technology	2018	1	Department of Management studies, M .S.Ramaiah Institute of Technology, Bangalore, India	0
Role of financial process re engineering in wealth maximization	Shalini H.S., Durandipandian R., Raveendra P.V., Keshava Rao G.V., Triveni P.	International Journal of Mechanical Engineering and Technology	2018	0	Department of Management, M S Ramaiah Institute of Management, Karnataka, India	0
Automated recognition of ROIs for breast thermograms of lateral view: a pilot study	Josephine Selle J., Shenbagavalli A., Sriraam N., Venkataraman B., Jayashree M., Menaka M.	Quantitative InfraRed Thermography Journal	2018	1	Center for Medical Electronics and Computing, M.S Ramaiah Institute of Technology, Bangalore, India	0
Classification of	Ravindra B.V.,	International	2018	0	Centre for Medical El	0

nonchronic and chronic kidney disease using SVM neural networks	Sriraam N., Geetha M.	Journal of Engineering and Technology(UAE)			electronics and Computing, M.S. Ramaiah Institute of Technology, Bangalore, India	
Triangular similarities of facial features to determine: The relationships among family members	Kumar R.Y.B., Narayanappa C.K.	Journal of Advanced Computational Intelligence and Intelligent Informatics	2018	0	M.S. Ramaiah Institute of Technology M S R Nagar, Bengaluru, Karnataka 560054, India	0
Using 3D printers and microvolunteering to improve healthcare access	Satyaranjan M., Ashraf I., Kulkarni D., Sriraam N.	IEEE Pulse	2018	0	Medical Electrics, M.S. Ramaiah Institute of Technology, Bangalore, India	0
A role of solvent polarity on bimolecular quenching reactions of 3acetyl7(diethylamino)2Hchromen2one in binary solvent mixtures	Koppal V.V., Melavanki R.M., Kusanur R.A., Bhavya P., Patil N.R.	Journal of Molecular Liquids	2018	2	Department of Physics, M S Ramaiah Institute of Technology, Bangalore, Karnataka 560054, India	0
Bimolecular fluorescence quenching reactions of the biologically active coumarin composite 2acetyl3Hb	Koppal V.V., Melavanki R.M., Kusanur R.A., Patil N.R.	Luminescence	2018	1	Department of Physics, M.S. Ramaiah Institute of Technology, Bangalore, Karnataka, India	0

enzo[f]chromen-3-one in different solvents						
Effect of hydrogen bonding and solvent polarity on the fluorescence quenching and dipole moment of 2-methoxyphenylboronic acid	Melavanki R., Geethanjali H.S., Thiperudrappa J., Kusanur R., Patil N.R., Bhavya P.	Indian Journal of Pure and Applied Physics	2018	0	Department of Physics, M S Ramaiah Institute of Technology, Bangalore, 560 054, India	0
Effect of Plasmonic Silver Nanoparticles on Photophysical Characteristics of 4-Aryloxymethyl Coumarins	Raghavendra U.P., Basanagouda M., Melavanki R.M., Thiperudrappa J.	Plasmonics	2018	2	Department of Physics, M.S. Ramaiah Institute of Technology, Bangalore, 560 054, India	0
Effect of viscosity and dielectric constant variation on fractional fluorescence quenching analysis of coumarin dye in binary solvent mixtures	Bhavya P., Melavanki R., Kusanur R., Sharma K., Muttanavar V.T., Naik L.R.	Luminescence	2018	2	Department of Physics, M. S. Ramaiah Institute of Technology, BengaluruKarnataka, India	0
Ferroelectrics for photocatalysis	Yogamalar N.R., Kalpana S., Senthil V., Chithambararaj	Multifunctional Photocatalytic Materials for Energy	2018	0	M. S. Ramaiah Institute of Technology, Bangalore, India	0

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Fluorescence quenching of a biologically active boronic acid derivative by aniline in different solvents	Melavanki R.M.	Canadian Journal of Physics	2018	0	Department of Physics, M S Ramaiah Institute of Technology, Bangalore, Karnataka, 560054, India	0
Green and Cost Effective Synthesis of Fluorescent Carbon Quantum Dots for Dopamine Detection	Bharathi D., Siddlingeshwar B., Krishna R.H., Singh V., Kottam N., Divakar D.D., Alkheraif A.A.	Journal of Fluorescence	2018	2	Department of Physics, M. S. Ramaiah Institute of Technology, Bengaluru, 560054, India	1
Photophysical properties of benzanthrone derivatives: Effect of substituent, solvent polarity and hydrogen bonding	Shivraj, Siddlingeshwar B., Kirilova E.M., Belyakov S.V., Divakar D.D., Alkheraif A.A.	Photochemical and Photobiological Sciences	2018	3	Department of Physics, M.S. Ramaiah Institute of Technology, Bengaluru, 560054, India	2
Solvent effects on the dipole moments and photophysical properties of laser dye	Melavanki R.M., Muttannavar V.T., Vaijayanthimala S., Patil N.R., Naik L.R., Kada devarmath J.S.	Indian Journal of Pure and Applied Physics	2018	0	Department of Physics, M S Ramaiah Institute of Technology, Bangalore, 560 054, India	0
Understanding fluorescence resonance energy transfer	Koppal V.V., Melavanki R.M., Kusanur R.A.,	Journal of Molecular Liquids	2018	0	Department of Physics, M S Ramaiah Institute of Technol	0

between biologically active coumarin derivative and silver nanoparticles using steady state and time resolved spectroscopic methods	Patil N.R.				ogy, Bangalore, Karnataka 560054, India	
A novel load balancing algorithm based on the capacity of the virtual machines	Kshama S.B., Shobha K.R.	Communications in Computer and Information Science	2018	0	MSRIT, Bengaluru, Karnataka, India	0
Elimination of quenching defects by facile anion doping in CdSiO ₃ synthesized by green fuel assisted combustion method	Shivakumara J., Chik kahanumant harayappa, Ashoka S., Hari Krishna R., Vijaya kumar G., Manjunatha C., Nagabhushana B.M., Nagaraju G.	Optik	2018	0	Departemen t of Chemistry, M. S. Ramaiah Institute of Technology, Bangalore, 560054, India	0
Enhanced lithium storage of mesoporous vanadium dioxide(B) nanorods by reduced graphene oxide support	Jayalakshmi T., Nagaraju K., Nagaraju G.	Journal of Energy Chemistry	2018	2	Dept. of Chemistry, M.S. Ramaiah Institute of Technology, (Affiliated to Visvesvaraya Technological University, Belgaum), Bangalore, 560054, India	1
Influence	Sasikumar	Journal of	2018	0	Department	0

of Hydrothermally Synthesized Cubic Structured BaTiO ₃ Ceramic Fillers on Ionic Conductivity, Mechanical Integrity, and Thermal Behavior of P(VDF/HP)/PVAc Based Composite Solid Polymer Electrolytes for Lithium Ion Batteries	M., Raja M., Krishna R.H., Jagadeesan A., Sivakumar P., Rajendran S.	Physical Chemistry C				of Chemistry, M. S. Ramaiah Institute of Technology, Bangalore, Karnataka, 560 054, India
Moss Burstein effect in stable, cubic ZrO ₂ : Eu ³⁺ nanophosphors derived from rapid microwave assisted solution combustion technique	Manjunatha S., Hari Krishna R., Thomas T., Panigrahi B.S., Dharmaprakash M.S.	Materials Research Bulletin	2018	2	Department of Chemistry, M. S. Ramaiah Institute of Technology, Bengaluru, 560054, India	1
Optical absorption intensity analysis using Judd-Ofelt theory and photoluminescence investigation of orange-red Sr ₂ SiO ₄ : Sm ³⁺ nanoparticles	Manjunath C., Rudresha M.S., Walsh B.M., Hari Krishna R., Panigrahi B.S., Naga bhushana B.M.	Dyes and Pigments	2018	8	Department of Chemistry, M. S. Ramaiah Institute of Technology, Bengaluru, 560054, India	7
Precursors effect: Photo	Jacob S., Hanumantharayappa	Optik	2018	0	Department of Chemistry,	0

conversion from UV to green/yellow in willemite nano phosphors	C., Nagabhushana B.M.				M.S. Ramaiah Institute of Technology, Bangalore, 560054, India	
Analysis of Blockchain technology : pros, cons and SWOT	Niranjanamurthy M., Nithya B.N., Jagannathas.	Cluster Computing	2018	2	Department of Computer Applications, M S Ramaiah Institute of Technology, Bangalore, Karnataka 560054, India	1
Design and implementation of an architecture for a remotely operated plc laboratory using labview	Jagadeesh R., Ranganathar., Siddarajuc.	International Journal of Mechanical and Production Engineering Research and Development	2018	0	Department of Mechanical Engineering, M. S. R. Institute of Technology, Bangalore, India	0
Development of copper alloy by microwave hybrid heating technique and its characterization	Marahadige S.L., Sridharmurthy S.M., Jayraj A.H., Mahabaleshwar U.S., Lorenzini G., Lorenzini E.	International Journal of Heat and Technology	2018	0	Department of Mechanical Engineering, MS Ramaiah Institute of Technology, Bengaluru, 560001, India	0
Experimental investigation of machine tool condition during machining of ferrous components	Lokesha, Nagaraj P.B., Dinesh P.	International Journal of Mechanical Engineering and Robotics Research	2018	0	Department of Mechanical Engineering, M. S. Ramaiah Institute of Technology, Bangalore, India	0
Flexural	Jaya	Journal of	2018	1	Department	0

Properties of PLA Components Under Various Test Condition Manufactured by 3D Printer	Christiyan K.G., Chandrasekhar U., Venkateswarlu K.	The Institution of Engineers (India): Series C			of Mechanical Engineering, M S Ramaiah Institute of Technology, Bangalore, 560054, India	
Auditory psychophysical analysis of healthy individuals based on audiometry and absolute threshold tests	Sanjay H.S., Bhargavi S., Madhuri S.	International Journal of Engineering and Technology(UAE)	2018	0	Dept of Medical Electronics, MSRIT, Bangalore, 560054, India	0
Daily peak load forecast using artificial neural network	Ramesh Kumar V., Dixit P.	International Journal of Electrical and Computer Engineering	2019	0	Department of Electrical and Electronics Engineering, M. S. Ramaiah Institute of Technology, India	0
Selfcalibrated noncontact capacitive type level sensor for liquid at different temperatures	Suresh Babu C.S., Manohar P.	International Journal of Mechanical Engineering and Technology	2019	0	Department of Electrical and Electronics Engineering, M S Ramaiah Institute of Technology, Bengaluru, Karnataka, India	0
Optimal allocation of DG units in distribution system considering variation in active	Kumar M.V.L., Bilgundi S.K., Pradeepa H.	Archives of Electrical Engineering	2019	0	Ramaiah Institute of Technology, Bengaluru, Karnataka, India	0

power load						
Linear programming models in solid waste management studies: Literature review	Vivekanand V., Prakash G.S.	Journal of Solid Waste Technology and Management	2019	0	Department of Industrial Engineering and Management, Ramaiah Institute of Technology, M.S Ramaiah Nagar, MSRIT Post, Bangalore, Karnataka, 560054, India	0
Study of viscous fluid flow past an impervious cylinder in porous region with magnetic field	Jayalakshamma D.V., Dinesh P.A., Nalinakshi N., Sushma T.C.	Trends in Mathematics	2019	0	Department of Mathematics, M.S. Ramaiah Institute of Technology, Bangalore, India	0
A study on discontinuity pattern in online social networks data using regression discontinuity design	Sailaja Kumar K., Evangeline Geetha D., Suresh Kumar T.V.	Communications in Computer and Information Science	2019	0	Department of Computer Applications, M S Ramaiah Institute of Technology, Bangalore, India	0
Characterization of natural fiber obtained from different parts of date palm tree (Phoenix dactylifera L.)	Alotaibi M.D., Alshammari B.A., Saba N., Allothman O.Y., Sanjay M.R., Almutairi Z., Jawaid M.	International Journal of Biological Macromolecules	2019	0	Department of Mechanical Engineering, Ramaiah Institute of Technology, Bengaluru, Karantaka, India	0
The Hybrid Effect of	Sanjay M.R.,	Journal of Natural	2019	3	Department of	2

Jute/Kenaf /EGlass Woven Fabric Epoxy Composites for Medium Load Applications: Impact, InterLaminar Strength, and Failure Surface Characterization	Arpitha G.R., Senthamaraikanan P., Kathiresan M., Saibalaji M.A., Yogesha B.	Fibers				Mechanical Engineering, Ramaiah Institute of Technology, Bangalore, Visvesvaraya Technological University, Belagavi, India	
Effect of Alfa fiber mechanical separation on dielectric properties of hybrid unsaturated polyester composites	Omri M.A., Triki A., Ben Hassen M., Sanjay M.R., Arous M., Kallel A.	Polymer Composites	2019	0		Department of Mechanical Engineering, Ramaiah Institute of Technology, Bangalore, Karnataka 560054, India	0
Physicochemical and thermal properties of untreated and treated Acacia planifrons bark fibers for composite reinforcement	Senthamaraikanan P., Saravanakumar S.S., Sanjay M.R., Jawaaid M., Siengchin S.	Materials Letters	2019	1		Department of Mechanical Engineering, M S Ramaiah Institute of Technology, Bengaluru, Karnataka, India	0
Multi Response Optimization of Fabrication Parameters of Carbon Fiber Reinforced Aluminium Laminates (CARAL): By Taguchi	Muthu Chozha Rajan B., Senthil Kumar A., Sornakumar T., Senthamaraikanan P., Sanjay M.R.	Polymer Composites	2019	1		Department of Mechanical Engineering, Ramaiah Institute of Technology, Bengaluru, India	0

Method and Gray Relational Analysis						
Computational investigations on the hemodynamic performance of a new swirl generator in bifurcated arteries	Prashantha B., Anish S.	Computer Methods in Biomechanics and Biomedical Engineering	2019	0	Department of Mechanical Engineering, M S Ramaiah Institute of Technology, Bengaluru, Karnataka, India	0
A review on synthesis and characterization of commercially available natural fibers: Part II	Madhu P., Sanjay M.R., Senthamaraikanan P., Pradeep S., Saravanakumar S.S., Yogesha B.	Journal of Natural Fibers	2019	4	Department of Mechanical Engineering, Ramaiah Institute of Technology, Bangalore, Visvesvaraya Technological University, Belagavi, Karnataka, India	3
Characterization of Novel Natural Fiber from Saccharum Bengalense Grass (Sarkanda)	Vijay R., Singaravelu D.L., Vinod A., Paul Raj I.D.F., Sanjay M.R., Siengchin S.	Journal of Natural Fibers	2019	0	Department of Mechanical Engineering, Ramaiah Institute of Technology, Bengaluru, India	0
Notch Tensile Behavior of the MgZnGdZr Alloy	Chiranth B.P., Siddaraju C., Ram Prabhu T.	Journal of Materials Engineering and Performance	2019	0	Ramaiah Institute of Technology, Bangalore, 560054, India	0
Characterization of jute Frp composite for structural and	Srinivasa Murthy P.L., Bala subramanya H.S., Supratik S., Jadhav	International Journal of Recent Technology and Engineering	2019	0	Dept. of Mechanical Engg, Ramaiah Institute of Technology,	0

electrical applications	P.				Bangalore, Karnataka 54, India	
Characterization of jute frp composite for structural and electrical applications	Srinivasa Murthy P.L., Bala subramanya H.S., Supratik S., Jadhav P.	International Journal of Recent Technology and Engineering	2019	0	Dept. of Mechanical Engg, Ramaiah Institute of Technology, Bangalore, 54, India	0
A novel approach for classification of epileptic seizures using matrix determinant	Raghu S., Sriraam N., Hegde A.S., Kubben P.L.	Expert Systems with Applications	2019	1	Center for Medical Electronics and Computing, Ramaiah Institute of Technology, Bengaluru, India	0
Performance evaluation of DWT based sigmoid entropy in time and frequency domains for automated detection of epileptic seizures using SVM classifier	Raghu S., Sriraam N., Temel Y., Rao S.V., Hegde A.S., Kubben P.L.	Computers in Biology and Medicine	2019	0	Center for Medical Electronics and Computing, M S Ramaiah Institute of Technology, Bengaluru, India	0
Experimental and theoretical insights on the effect of solvent polarity on the photophysical properties of a benzothrone dye	Shivraj, Siddlingeshwar B., Thomas A., Kirilova E.M., Divakar D.D., Alkheraif A.A.	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	2019	0	Department of Physics, M.S. Ramaiah Institute of Technology, Bengaluru, 560054, India	0

Tuning the fluorescence behavior of liquid crystal molecules containing Schiffbase : Effect of solvent polarity	Satapathy A.K., Behera S.K., Yadav A., Mahour L.N., Yelamaggad C.V., Sandhya K.L., Sahoo B.	Journal of Luminescence	2019	2	Department of Physics, Ramaiah Institute of Technology, Bangalore, 560054, India	1
Photoluminescence and electrical conductivity measurement of liquid crystal doped with ZnO nanoparticles	Pushpavathi N., Sandhya K.L., Pratibha R.	Liquid Crystals	2019	1	Department of Physics, Ramaiah Institute of Technology, Bangalore, India	0
Spectroscopic behavior, FMO, NLO and NBO analysis of two novel aryl boronic acid derivatives: Experimental and theoretical insights	Sharma K., Melavanki R., Patil S.S., Kusanur R., Patil N.R., Shelar V.M.	Journal of Molecular Structure	2019	0	Department of Physics, M S Ramaiah Institute of Technology, Bangalore, Karnataka 560054, India	0
Photoinduced electron transfer in noncovalent freebase octaethylporphyrin and 2nitrofluorene donor acceptor system: A combined experimental and quantum chemical	Ghosh M., Shivraj, Siddlingeshwar B., Thomas A., Sinha S.	Journal of Molecular Liquids	2019	0	Department of Physics, M S Ramaiah Institute of Technology, Bengaluru, India	0

study						
Influence of ZnO nanoparticles on the polarization, dielectric and electrooptic behaviour in the smectic C and hexatic I phases	Sandhya K.L., Pushpavathi N., Krishna Prasad S., Shankar Rao D.S.	Journal of Molecular Liquids	2019	2	Department of Physics, Ramaiah Institute of Technology, Bangalore, 560054, India	1
Exploring the spectral features and quantum chemical computations of a novel biologically active heterocyclic class of compound 2MEFPBA dye: Experimental and theoretical approach	Bhavya P., Melavanki R., Sharma K., Kusanur R., Patil N.R., Thipperudrappa J.	Chemical Data Collections	2019	0	Department of Physics, M S Ramaiah Institute of Technology, Bengaluru, Karnataka 560054, India	0
Modified Riemschneider reaction as a new route for the synthesis of coumarinyl and laza coumarinyl thioethers	Khanapurmath N., Kulkarni M.V., Anil Kumar G.N.	Journal of Sulfur Chemistry	2019	0	Department of Physics, M.S. Ramaiah Institute of Technology, Bangalore, KA, India	0
Photoluminescence study of liquid crystal ZnO nanocomposites	Pushpavathi N., Sandhya K.L.	Journal of Molecular Liquids	2019	1	Department of Physics, Ramaiah Institute of Technology,	1

					Bangalore, 560054, India	
Synthesis and Computational Studies on Optoelectronically Important Novel AcridinIsoindoline1,3Dione Derivatives	Mane S., Katagi K., Melavanki R.	Journal of Fluorescence	2019	0	Department of Physics, M S Ramaiah Institute of Technology, Bangalore, Karnataka 560054, India	0
Comparison of anticancer activity of biocompatible ZnO nanoparticles prepared by solution combustion synthesis using aqueous leaf extracts of Abutilon indicum, Melia azedarach and Indigofera tinctoria as biofuels	Prashanth G.K., Prashanth P.A., Naga bhushana B.M., Ananda S., Krishnaiah G.M., Nagendra H.G., Sath yananda H.M., Rajendra Singh C., Yogisha S., Anand S., Tejabhiram Y.	Artificial Cells, Nanomedicine and Biotechnology	2018	1	Department of Chemistry, M. S. Ramaiah Institute of Technology, Bengaluru, India	0
Efficient electrochromic performance of anatase TiO ₂ thin films prepared by nebulized spray deposition method	Dhandayuthapani T., Sivakumar R., Ilangovan R., Gopala krishnan C., Sanjeeviraja C., Sivanantharaja A., Hari Krishna R.	Journal of Solid State Electrochemistry	2018	2	Department of Chemistry, M.S. Ramaiah Institute of Technology, Bangalore, 560054, India	1
Electrocatalysis	Mahanthappa	Analytical	2018	3	Department	2

alytic performance of a zinc sulphide nanoparticle modified carbon paste electrode for the simultaneous determination of acetaminophen, guanine and adenine	a M., Kottam N., Yellappa S.	Methods			of Chemistry, M.S. Ramaiah Institute of Technology, Bengaluru, 560 054, India	
Space qualification and characterization of high emittance black nickel coating on copper and stainless steel substrates	Somasundaram S., Pillai A.M., Rajendra A., Aravindram P., Krishna P.M., Sharma A.K.	Solar Energy Materials and Solar Cells	2018	1	Department of Chemistry, M. S. Ramaiah Institute of Technology, Bangalore, 560054, India	0
Synergistic mechanism of ZnFe ₂ O ₄ /ZnO nanopowder in photocatalytic degradation of acid orange 7	Zulfiqar Ahmed M.N., Chandrasekhar K.B., Jahagirdar A.A., Nagabhushana H., Nagabhushana B.M.	Asian Journal of Chemistry	2018	0	Department of Chemistry, M.S. Ramaiah Institute of Technology, Bangalore, 560 054, India	0
Synthesis, characterization, nucleic acid interactions and photoluminescent properties of methanidium hydrazone Schiff base and its Mn(II),	Sennappan M., Murali Krishna P., Hosamani A.A., Hari Krishna R.	Journal of Molecular Structure	2018	3	Department of Chemistry, M S Ramaiah Institute of Technology, Bengaluru, 560 054, India	2

Co(II), Ni(II), Cu(II), Zn(II) and Cd(II) complexes						
Understanding the photoluminescence behaviour in nano CaZrO ₃ :Eu ³⁺ pigments by JuddOfelt intensity parameters	Prasanna Kumar S.G., Hari Krishna R., Kottam N., Krishna Murthy P., Manjunatha C., Preetham R., Shivakumara C., Thomas T.	Dyes and Pigments	2018	15	Department of Chemistry, M. S. Ramaiah Institute of Technology, Bangalore, 560 054, India	14
Facile self-propagating combustion synthesis of MgO:Eu ³⁺ orange-red nanophosphor and luminescence investigation by JuddOfelt intensity parameters	G. K.R., R. H.K., A. J.R., Monika D.L., Manjunath C., S.G. P.K., Preetham R., G. R.G.	Optik	2018	1	Department of Chemistry, M. S. Ramaiah Institute of Technology, Bangalore, 560 054, India	0
Algorithms for iterative applications in MapReduce framework	Diwakar Reddy A., Geetha Reddy J.	Advances in Intelligent Systems and Computing	2018	0	MSRIT, Bangalore, India	0
Analysis and exploitation of twitter data using machine learning techniques	Shidaganti G., Hulkund R.G., Prakash S.	Advances in Intelligent Systems and Computing	2018	0	Department of Computer Science Engineering, M.S. Ramaiah Institute of Technology, Bangalore, 560054, India	0

Analytics on medical records collected from a distributed system deployed in the Indian rural demographic	Srinivasa K.G., Anupindi S., Kumar A.	Journal of Management Analytics	2018	2	Department of Computer Science and Engineering, M S Ramaiah Institute of Technology, Bangalore, India	1
Comparison study of different NoSQL and cloud paradigm for better data storage technology	Lathar P., Srinivasa K.G., Kumar A., Siddiqui N.	Handbook of Research on Cloud and Fog Computing Infrastructures for Data Science	2018	0	M. S. Ramaiah Institute of Technology, India	0
Data analytics assisted internet of things towards building intelligent healthcare monitoring systems: IoT for healthcare	Srinivasa K.G., Sowmya B.J., Shikhar A., Utkarsha R., Singh A.	Journal of Organizational and End User Computing	2018	0	MSRIT, Bangalore, India	0
Data analytics on census data to predict the income and economic hierarchy	Srinivasa K.G., Sharath R., Krishna Chaitanya S., Nirupam K.N., Sowmya B.J.	International Journal of Data Analysis Techniques and Strategies	2018	0	Department of Computer Science and Engineering, M.S. Ramaiah Institute of Technology, Bangalore, 560054, India	0
Discovering frequent itemsets over event logs using ECLAT algorithm	Sundeep A.S., Veena G.S.	Advances in Intelligent Systems and Computing	2018	0	M S Ramaiah Institute of Technology, Bengaluru, India	0

Identification and classification of brain tumor MRI images with feature extraction using DWT and probabilistic neural network	Srinivasa K.G., Jagannath S., Nidhi A.	Virtual and Augmented Reality: Concepts, Methodologies, Tools, and Applications	2018	0	M. S. Ramaiah Institute of Technology, India	0
Identification and classification of brain tumor MRI images with feature extraction using DWT and probabilistic neural network	Varuna Shree N., Kumar T.N.R.	Brain Informatics	2018	2	Department of CSE, MSRIT, Bangalore, India	1
Smart healthcare management framework	Vidyadhara Reddy D., Harekal D.	Advances in Intelligent Systems and Computing	2018	0	Department of Computer Science, MS Ramaiah Institute of Technology, Bangalore, India	0
Know your world better: Cloud based augmented reality android application	Srinivasa K.G., Jagannath S., Nidhi A.	Virtual and Augmented Reality: Concepts, Methodologies, Tools, and Applications	2018	0	M. S. Ramaiah Institute of Technology, India	0
Flexural strengthening of RC beams with externally bonded	Jeevan N., Reddy H.N.J., Prabhakara R.	Asian Journal of Civil Engineering	2018	0	Department of Civil Engineering, M S Ramaiah Institute	0

(EB) techniques using prestressed and nonprestressed CFRP laminate					of Technology, Bangalore, 560054, India	
A Study on Phytochemicals from Medicinal Plants Against Multidrug Resistant Streptococcus mutans	Chowdaiah M., Sharma P., Dhamodhar P.	International Journal of Peptide Research and Therapeutics	2019	0	Department of Biotechnology, Ramaiah Institute of Technology, Bangalore, Karnataka 560054, India	0
An improvement to the multicarrier complementary phase-coded radar signal using signal distortion technique	Raghavendra C.G., Sriranga R., Rao S.R., Nadig S.M., Vinay M., Prasad N.N .S.S.R.K.	Advances in Intelligent Systems and Computing	2018	0	Department of Electronics and Communication Engineering, M.S. Ramaiah Institute of Technology, Bengaluru, 560054, India	0
Analysis of Schottky Barrier Parameters and Current Transport Properties of V/pType GaN Schottky Junction at Low Temperatures	Reddy P.R.S., Jannardhanam V., Jyothi I., Harsha C.S., Reddy V.R., Lee S.N., Won J., Choi C.J.	Applied Physics A: Materials Science and Processing	2018	2	Department of Electronics and Communications, M S Ramaiah Institute of Technology, Bangalore, 560 054, India	1
Improvement in PMEPR reduction for OFDM radar signal using PTS algorithm	Raghavendra C.G., Vilas I.M., Prasad N.N .S.S.R.K.	Advances in Intelligent Systems and Computing	2018	0	Department of Electronics and Communication, MSRIT, Bengaluru, India	0
Interval	Shrinivasa	IET Intell	2018	0	Electronic	0

type2 fuzzy logic based decision fusion system for airplane monitoring	n L., Raol J.R.	igent Transport Systems			s and Communication Engineering, M S Ramaiah Institute of Technology, MSRIT Post, Bangalore, Karnataka, 560054, India	
Reckoning the hatch rate of multivoltine silkworm eggs by differentiating yellow grains from white shells using blob analysis technique	Nikitha R.N., Srinidhi R.G., Harshith R., Amar T., Raghavendra C.G.	Advances in Intelligent Systems and Computing	2018	0	Department of Electronics Communication Engineering, M S Ramaiah Institute of Technology, Bengaluru, Karnataka 560054, India	0
Role of Er ³ and Bi ³ ions on thermal and optical properties of Li ₂ B ₄ O ₇ glasses: Structural correlation	Chandrashekaraiiah G., Sivasa nkara Reddy N., Sujatha B., Viswanatha R., Narayana Reddy C.	Journal of NonCrystal line Solids	2018	1	Department of Electronics Communication, MSRIT, Bangalore, 560054, India	0
Type2 fuzzy logic in pair formation	Shrinivasan L., Raol J.R.	Indonesian Journal of Electrical Engineering and Computer Science	2018	0	Department of ECE, M S Ramaiah Institute of Technology, Bangalore, India	0
Artificial neural network model for hourly peak load forecast	Kumar V.R., Dixit P.	International Journal of Energy Economics and Policy	2018	0	Department of Electrical and Electronics Engineering, M. S. Ramaiah Institute	0

					of Technology, Bengaluru, Karnataka 560 054, India	
Design and simulation for sliding mode control in DCDC boost converter	Sachin C.S., Nayak S.G.	Proceedings of the 2nd International Conference on Communication and Electronics Systems, ICCES 2017	2018	0	Department of Electrical and Electronics Engineering, M.S. Ramaiah Institute of Technology, Bangalore, Karnataka, India	0
Experimental determination of critical ARC length for AC flashover of polluted porcelain disc insulators	Mouneswarachar H.C., Dixit P.	International Journal of Power and Energy Systems	2018	0	Department of Electrical and Electronics Engineering, MSRIT, Bengaluru, Karnataka, India	0
Fault estimation with analytical cable model for MMCHVDC in offshore applications	Bapiraju J.V.V.N., Manohar P.	AsiaPacific Power and Energy Engineering Conference, APPEEC	2018	0	MS Ramaiah Institute of Technology, Bangalore, India	0
3D finite element model to predict machining induced residual stresses using arbitrary lagrangian eulerian approach	Prakash Marimuthu K., Thirtha Prasada H.P., Chethan Kumar C.S.	Journal of Engineering Science and Technology	2018	8	Department of Industrial Engineering Management, M S Ramaiah Institute of Technology, India	7
Developing	Chethan	International	2018	0	Department	0

models of DOE and simulation to maximise output of tomato concentrated pulp processing unit	Kumar C.S., Naidu N.V.R., Kadavevaramu R.S.	International Journal of Business and Systems Research			of Industrial Engineering and Management, M.S. Ramaiah Institute of Technology, Bangalore, 560054, India	
Application of multivariate statistical techniques to predict process quality	Navya H.N., Vijaya Kumar B.P.	Advances in Intelligent Systems and Computing	2018	1	Department of ISE, M.S Ramaiah Institute of Technology, Bangalore, India	0
Implementing and analyzing different feature extraction techniques using EEGbased BCI	Anupama H.S., Jain R.V., Venkatesh R., Mahadevan R., Cauvery N.K., Lingaraju G.M.	Advances in Intelligent Systems and Computing	2018	0	Department of Information Science, M. S. Ramaiah Institute of Technology, Bengaluru, India	0
Modelling a secure support vector machine classifier for private data	Sumana M., Hareesha K.S.	International Journal of Information and Computer Security	2018	0	Department of Information Science and Engineering, MSRIT, Bangalore, Karnataka, 560054, India	0
Recent trends in cloud computing security issues and their mitigation	Siddesh G.M., Srinivasa K.G., Tejaswini L.	Cyber Security and Threats: Concepts, Methodologies, Tools, and Applications	2018	0	M. S. Ramaiah Institute of Technology, India	0
Reducing search	Kumari S., Sathve	Advances in Intelli	2018	1	Department of Informa	0

space in big data mining	V.G., Shetty S.K.	gent Systems and Computing			tion Science Engineering, M S Ramaiah Institute of Technology, Bangalore, Karnataka, India	
Semantical ly secure classifiers for privacy preserving data mining	Sumana M., Hareesha K.S., Kumar S.	Security and Privacy Management, Techniques , and Protocols	2018	0	M. S. Ramaiah Institute of Technology, India	0
Initial boundary value problem for a nonconservative system in elastodynamics	JOSEPH K.D., DINESH P.A.	Acta Mathematica Scientia	2018	0	Department of Mathematics, M. S. Ramaiah Institute of Technology MSRIT P. O, Bangalore, 560054, India	0
MHD Casson fluid in a suspension of convective conditions and cross diffusion across a surface of paraboloid of revolution	Raju C.S.K., Neeraja G., Dinesh P.A., Vidya K., Rushi Kumar B.	Alexandria Engineering Journal	2018	0	Department of Mathematics, MSRIT, Bangalore, 560054, India	0
Optical transition probabilities of white light emitting Sr 2 SiO 4 :Dy 3 nano phosphors for lighting a	Manjunath C., Rudresha M.S., Walsh B.M., Krishna R.H., Naga bhushana B.M., Panigrahi B.S.	Journal of Luminescence	2019	0	Department of Chemistry, M S Ramaiah Institute of Technology, Bengaluru, 560054, India	0

pplication s using Ju ddâ^'Ofelt analysis						
Down and up conversion luminescence of ZrTi (1x) O 4 nanocomposites by visible light absorption	Sangeetha A., Chikka hanumantha rayappa, Nagabhushana B.M.	Journal of Molecular Structure	2019	2	Department of Chemistry, M. S. Ramaiah Institute of Technology, Bangalore, 560054, India	1
Synthesis, spectral characterization and biological studies of Cu (II), Co (II) and Ni (II) complexes of azo dye ligand containing 4-aminopyridine moiety	Venugopal N., Krishnamurthy G., Bhojyanaik H.S., Murali Krishna P.	Journal of Molecular Structure	2019	0	Department of Chemistry, Ramaiah Institute of Technology, Bengaluru, Karnataka 560054, India	0
Enhanced photocatalytic degradation of methylene blue dye using Cu ²⁺ /CdS nanocomposite under visible light irradiation	Mahanthappa M., Kottam N., Yellappa S.	Applied Surface Science	2019	0	Department of Chemistry, M.S. Ramaiah Institute of Technology, Bengaluru, 560054, India	0
The effects of PVAc on surface morphology and electrochemical performance of P(VdFHFP)based blend	Sasikumar M., Jagadeesan A., Raja M., Hari Krishna R., Sivakumar P.	Ionics	2019	2	Department of Chemistry, M.S. Ramaiah Institute of Technology, Bangalore, 560 054, India	1

solid polymer electrolytes for lithium ion battery applications						
Mechanism of high temperature induced phase transformation and magnetic properties of Mn ₃ O ₄ crystallites	Narayani L., Jagadeesha Angadi V., Sukhdev A., Challa M., Mattepanavar S., Deepthi P.R., Mohan Kumar P., Pasha M.	Journal of Magnetism and Magnetic Materials	2019	0	Department of Chemistry, Ramaiah Institute of Technology, Bengaluru, India	0
Removal of Evans Blue dye from aqueous solution using magnetic spinel ZnFe ₂ O ₄ nanomaterial: Adsorption isotherms and kinetics	Vergis B.R., Kottam N., Hari Krishna R., Nagabhusana B.M.	NanoStructures and NanoObjects	2019	1	Department of Chemistry, M.S. Ramaiah Institute of Technology, Bangalore, 560 054, India	0
Synthesis and characterization of Zinc oxide nanoparticles utilizing seed source of Ricinus communis and study of its antioxidant, antifungal and anticancer activity	Shobha N., Nanda N., Giresha A.S., Manjappa P., Sophiya P., Dharmappa K.K., Nagabhusana B.M.	Materials Science and Engineering C	2019	1	Department of Chemistry, MSRIT, Bangalore, Karnataka 560 054, India	0
Comparativ	Sangeetha	Journal of	2019	2	Department	1

e study of photoluminescence of single and mixed phase ZrTiO ₄ prepared by solution combustion and polymeric precursor method	A., Chikka hanumantha rayappa, Nagabhushan a B.M.	Molecular Structure			of Chemistry, M. S. Ramaiah Institute of Technology, Bangalore, 560054, India	
Synthesis, characterization, pharmacological and computational studies of 4, 5, 6, 7-tetrahydro-3-benzothiazole incorporated azo dyes	Maliyappa M.R., Keshavayya J., Mallikarjuna N.M., Murali Krishna P., Shivakumara N., Sandeep T., Sailaja K., Nazrulla M.A.	Journal of Molecular Structure	2019	0	Department of Chemistry, M. S. Ramaiah Institute of Technology, Bengaluru, 560054, India	1
Cooperative Diversity in Secondary Systems: Efficient Relaying Protocol for Cognitive Radio	Dhanasekaran S., Anusha S.	Wireless Personal Communications	2019	0	Department of Electronics and Communication Engineering, M.S. Ramaiah Institute of Technology, Bangalore, India	0
Synthesis, characterization, nucleic acid interaction and photoluminescence properties of (E)-(2-(2-hydroxybenzylidene)hydrazinyl) (pyridin-4-yl)	Sennappan M., Murali Krishna P., Ranganathan R., Sivakami sundari P.	Journal of Molecular Structure	2019	0	Department of Chemistry, M S Ramaiah Institute of Technology, Bengaluru, 560054, India	1

1) methaniminium Mn(II), Co(II), Ni(II), Cu(II) and Zn(II) complexes						
Treatment of petroleum oil spill sludge using the combined ultrasound and Fenton oxidation process	Sivagami K., Anand D., Divyapriya G., Nambi I.	Ultrasonics Sonochemistry	2019	2	Department of Chemical Engineering, Ramaiah Institute of Technology, Bangalore, 560054, India	1
Facile synthesis, characterization, nucleic acid interaction and photoluminescent properties of (E)furan-2-yl(2-(2-hydroxybenzylidene)hydrazinyl) methaniminium and its Mn(II), Co(II), Ni(II), Cu(II), Zn(II) and Cd(II) complexes	Sennappan M., Murali Krishna P., Hari Krishna R.	Journal of Molecular Structure	2019	1	Department of Chemistry, Ramaiah Institute of Technology, Bengaluru, 560054, India	0
Honeybee as a biosensor: Detection of a Medicinal Plant <i>Adrographis paniculata</i>	Hadagali M.D., Chua L.S.	Research Journal of Chemistry and Environment	2019	0	Department of Chemistry, MS Ramaiah Institute of Technology, Bangalore, 560054, India	0
Design, synthesis, and pharma	Santosh R., Prabhu A., Selvam	Heliyon	2019	0	Department of Chemistry,	0

<p>cology of some oxadiazole and hydroxypyrazoline hybrids bearing thiazoyl scaffold: antiproliferative activity, molecular docking and DNA binding studies</p>	<p>M.K., Krishna P.M., Nagaraja G.K., Rekha P.D.</p>				<p>Ramaiah Institute of Technol ogy, Bangalore, Karnataka, India</p>	
<p>OnePot Synthesis of Pyrimido[4,5d]pyrimidine Derivatives and Investigation of Their Antibacterial, Antioxidant, DNABinding and Voltammetric Characteristics</p>	<p>Santosh R., Paul P., Selvam M.K., Raril C., Krishna P.M., Manjunatha J.G., Nagaraja G.K.</p>	<p>ChemistryS elect</p>	<p>2019</p>	<p>2</p>	<p>Department of Chemistry, Ramaiah Institute of Technol ogy, Bangalore, Karnataka, India</p>	<p>1</p>
<p>RPHPLCUV method development and validation for simultaneous determination of terbutaline sulphate, ambroxol HCl and guaifenesin in pure and dosage forms [Développement et validation de la méthode RPHPLCUV</p>	<p>Itagimatha N., Manjunatha D.H.</p>	<p>Annales Ph armaceutiq ues Francaises</p>	<p>2019</p>	<p>0</p>	<p>Department of Chemistry, MS Ramaiah Institute of Technol ogy, MS Ramaiah Nagar, MSRIT Post, Bengaluru, 560 054, India</p>	<p>0</p>

pour la d'Ã©terminati on simulta nÃ©e du s						
5[substitu ted]1, 3, 4thiadiaz olamines: Synthesis, spectral c haracteriz ation, and evaluation of their DNA intera ctions	Shivakumar a N., Krishna P.M.	Current Chemistry Letters	2019	0	Department of Chemistry, Ramaiah Institute of Technol ogy, Bangalore, 560054, India	0
Synthesis of Sm 3 doped nano ceria with compositio nally tuneable c onductivit y and dielectric properties	Hemantha Reddy M.V., Sree nivasulu Reddy T., Hari Krishna R., Nagabh ushana B.M., Chan draprabha M.N.	Materials Research Express	2019	0	Department of Chemistry, M. S. Ramaiah Institute of Technol ogy, Bangalore, Karnataka, 560 054, India	0
A Semiauto mated Question Paper Builder Using Long ShortTerm Memory Neural Networks	Subramania n R., Patil A.P., Ganesan K., Akarsh T.S.	Advances in Intelli gent Systems and Computing	2019	0	Department of Computer Science and Engine ering, Ramaiah Institute of Technol ogy, Bengaluru, India	0
Stock trading bot using deep reinf orcement learning	Azhikodan A.R., Bhat A.G.K., Jadhav M.V.	Lecture Notes in Networks and Systems	2019	0	Department of Computer Science and Engine ering, Ramaiah Institute of Technol ogy, Bangalore, 560054, India	0
Exploratio n and impl ementation	Naik D.A., Seema S., Singh G.,	Lecture Notes in Networks	2019	0	Department of CSE, MSRIT,	0

of classification algorithms for patent classification	Singh A.	and Systems			Bangalore, India	
Automatic generation of description for images using recurrent neural network	Veena G.S., Patil S., Kumar T.N.R.	Lecture Notes in Networks and Systems	2019	0	Ramaiah Institute of Technology, Bengaluru, India	0
Design of a smart water saving irrigation system for agriculture based on a wireless sensor network for better crop yield	Meeradevi, Supreetha M.A., Mundada M.R., Pooja J.N.	Lecture Notes in Electrical Engineering	2019	1	M S Ramaiah Institute of Technology, Bangalore, India	0
Automatic license plate recognition	Indira K., Mohan K.V., Nikhilashwary T.	Advances in Intelligent Systems and Computing	2019	1	Ramaiah Institute of Technology, Bengaluru, India	0
Shrinkage behavior of high strength concrete using recycled concrete aggregate	Suguna Rao B., Suresh A., Naik S.M.	Lecture Notes in Civil Engineering	2019	0	Civil Engineering Department, Ramaiah Institute of Technology, Bangalore, Karnataka, India	0
Durability performance of structural light weight concrete	Anilkumar R., Prakash P., Gowda R.	Lecture Notes in Civil Engineering	2019	0	Department of Civil Engineering, M S Ramaiah Institute of Technology, VTU, Bengaluru, India	0
Performance of nanoSiO2	Raje Gowda, Narendra	Lecture Notes in Civil Engineering	2019	0	M. S. Ramaiah Institute	0

and NanoZnO ₂ on compressive strength and microstructure characteristics of cement mortar	H., Mourougane R., Nagabhusana B.M.	neering			of Technology, VTU, Bengaluru, India	
Crowd recognition system based on optical flow along with SVM classifier	Shreedarshan K., Sethu Selvi S.	International Journal of Electrical and Computer Engineering	2019	0	Department of Electronics and Communication Engineering, M S Ramaiah Institute of Technology, MSRIT Post, Bangalore, Karnataka, 560054, India	0
An Enhanced Symptom Clustering with Profile Based Prescription Suggestion in Biomedical application	Vijayarajeswari R., Nagabhusana M., Parthasarathy P.	Journal of Medical Systems	2019	0	Department of Electronics and Communication Engineering, M.S. Ramaiah Institute of Technology, Bangalore, India	0

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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Effect of viscosity and dielectric constant variation on fractional fluorescence	Bhavya P., Melavanki R., Kusanur R., Sharma K., Muttanavar V.T., Naik L.R.	Luminescence	2018	4	0	Department of Physics, M. S. Ramaiah Institute of Technology, BengaluruKarnataka, India

quenching analysis of coumarin dye in binary solvent mixtures						
Green and Cost Effective Synthesis of Fluorescent Carbon Quantum Dots for Dopamine Detection	Bharathi D., Siddlingeshwar B., Krishna R.H., Singh V., Kottam N., Divakar D.D., Alkheraif A.A.	Journal of Fluorescence	2018	4	1	Department of Physics, M. S. Ramaiah Institute of Technology, Bengaluru, 560054, India
Photophysical properties of benzanthrone derivatives: Effect of substituent, solvent polarity and hydrogen bonding	Shivraj, Siddlingeshwar B., Kirilova E.M., Belyakov S.V., Divakar D.D., Alkheraif A.A.	Photochemical and Photobiological Sciences	2018	4	2	Department of Physics, M.S. Ramaiah Institute of Technology, Bengaluru, 560054, India
Studies on batch adsorptive removal of malachite green from synthetic wastewater using acid treated coffee husk: Equilibrium, kinetics and thermodynamic studies	Krishna Murthy T.P., Gowrishankar B.S., Chandra Prabha M.N., Kruthi M., Hari Krishna R.	Microchemical Journal	2019	2	1	Department of Biotechnology, Ramaiah Institute of Technology, Bengaluru, Karnataka 560054, India
Kinetic and equilibrium modeling of biosorption of	Kulkarni R.M., Vidya Shetty K., Srinikethan G.	Water Science and Technology	2019	2	0	Department of Chemical Engineering, Ramaiah Institute

nickel (II) and cadmium (II) on brewery sludge						of Technology, Bangalore, India
Down and up conversion luminescence of ZrTiO ₄ nanocomposites by visible light absorption	Sangeetha A., Chikka hanumantha rayappa, Nagabhushana B.M.	Journal of Molecular Structure	2019	2	1	Department of Chemistry, M. S. Ramaiah Institute of Technology, Bangalore, 560054, India
Removal of Evans Blue dye from aqueous solution using magnetic spinel ZnFe ₂ O ₄ nanomaterial: Adsorption isotherms and kinetics	Vergis B.R., Kottam N., Hari Krishna R., Nagabhushana B.M.	NanoStructures and NanoObjects	2019	2	0	Department of Chemistry, M.S. Ramaiah Institute of Technology, Bangalore, 560 054, India
Comparative study of photoluminescence of single and mixed phase ZrTiO ₄ prepared by solution combustion and polymeric precursor method	Sangeetha A., Chikka hanumantha rayappa, Nagabhushana B.M.	Journal of Molecular Structure	2019	2	1	Department of Chemistry, M. S. Ramaiah Institute of Technology, Bangalore, 560054, India
OnePot Synthesis of Pyrimido[4,5d]pyrimidine Derivatives and Investigation of	Santosh R., Paul P., Selvam M.K., Raril C., Krishna P.M., Manjunatha	ChemistrySelect	2019	2	1	Department of Chemistry, Ramaiah Institute of Technology, Bangalore,

Their Anti bacterial, Antioxidant, DNABinding and Voltammetric Characteristics	J.G., Nagaraja G.K.					Karnataka, India
Design of a smart watersaving irrigation system for agriculture based on a wireless sensor network for better crop yield	Meeradevi, Supreetha M.A., Mundada M.R., Pooja J.N.	Lecture Notes in Electrical Engineering	2019	2	0	M S Ramaiah Institute of Technology, Bangalore, India
Automatic license plate recognition	Indira K., Mohan K.V., Nikhilashwary T.	Advances in Intelligent Systems and Computing	2019	2	0	Ramaiah Institute of Technology, Bengaluru, India
The Hybrid Effect of Jute/Kenaf /EGlass Woven Fabric Epoxy Composites for Medium Load Applications: Impact, InterLaminar Strength, and Failure Surface Characterization	Sanjay M.R., Arpitha G.R., Senthamaraikanan P., Kathiresan M., Saibalaji M.A., Yogesha B.	Journal of Natural Fibers	2019	2	2	Department of Mechanical Engineering, Ramaiah Institute of Technology, Bangalore, Visvesvaraya Technological University, Belagavi, India
Identification of essential proteins in yeast using mean weighted average and recursive	Sekhar S.R.M., Matt S.G., Manvi S.S., Gopalalyengar S.K.	Recent Patents on Computer Science	2019	2	0	Department of ISE, Ramaiah Institute of Technology, Bangalore, India

feature elimination						
Multi Response Optimization of Fabrication Parameters of Carbon Fiber Reinforced Aluminium Laminates (CARAL): By Taguchi Method and Gray Relational Analysis	Muthu Chozha Rajan B., Senthil Kumar A., Sornakumar T., Senthamaraikanna n P., Sanjay M.R.	Polymer Composites	2019	2	0	Department of Mechanical Engineering, Ramaiah Institute of Technology, Bengaluru, India
Performance appraisal biases and behavioral biases in decision making: An empirical study	Raveendra P.V., Rizwana M., Singh P., Santhosh Kumar S., Vijaya kumar G.	International Journal of Mechanical Engineering and Technology	2018	4	0	Department of Management studies, M.S.Ramaiah Institute of Technology, Bangalore, India
DDX5/p68 associated lncRNA LOC284454 is differentially expressed in human cancers and modulates gene expression	Das M., Renganathan A., Dighe S.N., Bhaduri U., Shettar A., Mukherjee G., Kondaiah P., Satyanarayana Rao M.R.	RNA Biology	2018	4	3	Department of Biotechnology Engineering, MS Ramaiah Institute of Technology, Bangalore, 560054, India
Comparison of anticancer activity of biocompatible ZnO nanoparticles prepared by solution combustion synthesis	Prashanth G.K., Prashanth P.A., Naga bhushana B.M., Ananda S., Krishnaiah G.M., Nagendra H.G., Sathyananda H.M.,	Artificial Cells, Nanomedicine and Biotechnology	2018	4	0	Department of Chemistry, M. S. Ramaiah Institute of Technology, Bengaluru, India

using aqueous leaf extracts of Abutilon indicum, Melia azedarach and Indigofera tinctoria as biofuels	Rajendra Singh C., Yogisha S., Anand S., Tejabhram Y.					
Efficient electrochromic performance of anatase TiO ₂ thin films prepared by nebulized spray deposition method	Dhandayuthapani T., Sivakumar R., Ilangovan R., Gopalakrishnan C., Sanjeeviraja C., Sivanantharaja A., Hari Krishna R.	Journal of Solid State Electrochemistry	2018	4	1	Department of Chemistry, M.S. Ramaiah Institute of Technology, Bangalore, 560054, India
Electrocatalytic performance of a zinc sulphide nanomodified carbon paste electrode for the simultaneous determination of acetaminophen, guanine and adenine	Mahanthappa M., Kottam N., Yellappa S.	Analytical Methods	2018	4	2	Department of Chemistry, M.S. Ramaiah Institute of Technology, Bengaluru, 560 054, India
Enhanced lithium storage of mesoporous vanadium dioxide(B) nanorods by reduced graphene oxide support	Jayalakshmi T., Nagaraju K., Nagaraju G.	Journal of Energy Chemistry	2018	4	1	Dept. of Chemistry, M.S. Ramaiah Institute of Technology, (Affiliated to Visvesvaraya Technological University,

Belgaum),
Bangalore,
560054,
India

MossBurste in effect in stable, cubic ZrO ₂ : Eu ³⁺ nanophosph ors derived from rapid microwavea ssisted so lutioncomb ustion technique	Manjunatha S., Hari Krishna R., Thomas T., Panigrahi B.S., Dhar maprakash M.S.	Materials Research Bulletin	2018	4	1	Department of Chemistry, M. S. Ramaiah Institute of Technol ogy, Bengaluru, 560054, India
Optical absorption intensity analysis using JuddOfelt theory and photolumin escence in vestigatio n of orangered Sr ₂ SiO ₄ : S m ³ nanopigm ents	Manjunath C., Rudresha M.S., Walsh B.M., Hari Krishna R., Panigrahi B.S., Naga bhushana B.M.	Dyes and Pigments	2018	4	7	Department of Chemistry, M. S. Ramaiah Institute of Technol ogy, Bengaluru, 560054, India
Solar Energy Materials and Solar Cells	Somasundar am S., Pillai A.M., Rajendra A., Aravindram P., Krishna P.M., Sharma A.K.	Solar Energy Materials and Solar Cells	2018	4	0	Department of Chemistry, M. S. Ramaiah Institute of Technol ogy, Bangalore, 560054, India
Synthesis, characteri zation, nucleic acid inter actions and photol uminescent properties of methani minium	Sennappan M., Murali Krishna P., Hosamani A.A., Hari Krishna R.	Journal of Molecular Structure	2018	4	2	Department of Chemistry, M S Ramaiah Institute of Technol ogy, Bengaluru, 560 054, India

hydrazone Schiff base and its Mn(II), Co(II), Ni(II), Cu(II), Zn(II) and Cd(II) complexes						
Understanding the photoluminescence behaviour in nano CaZrO ₃ :Eu ³⁺ pigments by JuddOfelt intensity parameters	Prasanna Kumar S.G., Hari Krishna R., Kottam N., Krishna Murthy P., Manjunatha C., Preetham R., Shivakumara C., Thomas T.	Dyes and Pigments	2018	4	14	Department of Chemistry, M. S. Ramaiah Institute of Technology, Bangalore, 560 054, India
Facile selfpropagating combustion synthesis of MgO:Eu ³⁺ orange-red nanophosphor and luminescence investigation by JuddOfelt intensity parameters	G. K.R., R. H.K., A. J.R., Monika D.L., Manjunath C., S.G. P.K., Preetham R., G. R.G.	Optik	2018	4	0	Department of Chemistry, M. S. Ramaiah Institute of Technology, Bangalore, 560 054, India
Analytics on medical records collected from a distributed system deployed in the Indian rural demographic	Srinivasa K.G., Anupindi S., Kumar A.	Journal of Management Analytics	2018	4	1	Department of Computer Science and Engineering, M S Ramaiah Institute of Technology, Bangalore, India
Identification and classification	Varuna Shree N., Kumar	Brain Informatics	2018	4	1	Department of CSE, MSRIT,

ion of brain tumor MRI images with feature extraction using DWT and probabilistic neural network	T.N.R.					Bangalore, India
Effect of copper pht halocyanine thickness on surface morphology, optical and electrical properties of Au/CuPc/nSi heterojunction	Reddy P.R.S., Jannardhanam V., Jyothi I., Harsha C.S., Reddy V.R., Lee S.N., Won J., Choi C.J.	Applied Physics A: Materials Science and Processing	2018	4	1	Department of Electronics and Communications, M S Ramaiah Institute of Technology, Bangalore, 560 054, India
Role of Er ³ and Bi ³ ions on thermal and optical properties of Li ₂ B ₄ O ₇ glasses: Structural correlation	Chandrashekariah G., Sivasaankara Reddy N., Sujatha B., Viswanathar R., Narayana Reddy C.	Journal of NonCrystal line Solids	2018	4	0	Department of Electronics Communication, MSRIT, Bangalore, 560054, India
3D finite element model to predict machining induced residual stresses using arbitrary lagrangian eulerian approach	Prakash Marimuthu K., Thirtha Prasada H.P., Chethan Kumar C.S.	Journal of Engineering Science and Technology	2018	4	7	Department of Industrial Engineering Management, M S Ramaiah Institute of Technology, India
Application of multivariate statistical techniques	Navya H.N., Vijaya Kumar B.P.	Advances in Intelligent Systems and	2018	4	0	Department of ISE, M.S Ramaiah Institute

to predict process quality		Computing				of Technology, Bangalore, India
Reducing search space in big data mining	Kumari S., Sathve V.G., Shetty S.K.	Advances in Intelligent Systems and Computing	2018	4	0	Department of Information Science Engineering, M S Ramaiah Institute of Technology, Bangalore, Karnataka, India
Analysis of Blockchain technology : pros, cons and SWOT	Niranjanam urthy M., Nithya B.N., Jagannatha S.	Cluster Computing	2018	4	1	Department of Computer Applications, M S Ramaiah Institute of Technology, Bangalore, Karnataka 560054, India
Flexural Properties of PLA Components Under Various Test Condition Manufactured by 3D Printer	Jaya Christiyan K.G., Chandrasekhar U., Venkateswarlu K.	Journal of The Institution of Engineers (India): Series C	2018	4	0	Department of Mechanical Engineering, M S Ramaiah Institute of Technology, Bangalore, 560054, India
Automated recognition of ROIs for breast thermograms of lateral view: a pilot study	Josephine Selle J., Shenbagavalli A., Sriraam N., Venkataraman B., Jayashree M., Menaka M.	Quantitative InfraRed Thermography Journal	2018	4	0	Center for Medical Electronics and Computing, M.S Ramaiah Institute of Technology, Bangalore, India
A role of solvent	Koppal V.V.,	Journal of Molecular	2018	4	0	Department of

polarity on bimolecular quenching reactions of 3acetyl7(diethylamino)2Hchromen2one in binary solvent mixtures	Melavanki R.M., Kusanur R.A., Bhavya P., Patil N.R.	Liquids				Physics, M S Ramaiah Institute of Technology, Bangalore, Karnataka 560054, India
Bimolecular fluorescence quenching reactions of the biologically active coumarin composite 2acetyl3Hbenzo[f]chromen3one in different solvents	Koppal V.V., Melavanki R.M., Kusanur R.A., Patil N.R.	Luminescence	2018	4	0	Department of Physics, M.S. Ramaiah Institute of Technology, Bangalore, Karnataka, India
Effect of Plasmonic Silver Nanoparticles on Photophysical Characteristics of 4Aryloxymethyl Coumarins	Raghavendra U.P., Basanagouda M., Melavanki R.M., Thipperudrappa J.	Plasmonics	2018	4	0	Department of Physics, M.S. Ramaiah Institute of Technology, Bangalore, 560 054, India
The effects of PVAc on surface morphology and electrochemical performance of P(VdFHFP)based blend solid polymer electrolytes for lithium ionbattery application	Sasikumar M., Jagadeesan A., Raja M., Hari Krishna R., Sivakumar P.	Ionics	2019	2	1	Department of Chemistry, M.S. Ramaiah Institute of Technology, Bangalore, 560 054, India

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A review on synthesis and characterization of commercially available natural fibers: Part II	Madhu P., Sanjay M.R., Senthamaraikanan P., Pradeep S., Saravanakumar S.S., Yogesha B.	Journal of Natural Fibers	2019	2	3	Department of Mechanical Engineering, Ramaiah Institute of Technology, Bangalore, Visvesvaraya Technological University, Belagavi, Karnataka, India
A novel approach for classification of epileptic seizures using matrix determinant	Raghu S., Sriraam N., Hegde A.S., Kubben P.L.	Expert Systems with Applications	2019	2	0	Center for Medical Electronics and Computing, Ramaiah Institute of Technology, Bengaluru, India
Tuning the fluorescence behavior of liquid crystal molecules containing Schiffbase : Effect of solvent polarity	Satapathy A.K., Behera S.K., Yadav A., Mahour L.N., Yelamaggad C.V., Sandhya K.L., Sahoo B.	Journal of Luminescence	2019	2	1	Department of Physics, Ramaiah Institute of Technology, Bangalore, 560054, India
Photoluminescence and electrical conductivity measurement of liquid crystal doped with ZnO nanoparticles	Pushpavathi N., Sandhya K.L., Pratibha R.	Liquid Crystals	2019	2	0	Department of Physics, Ramaiah Institute of Technology, Bangalore, India
Influence of ZnO nanoparticles on the pol	Sandhya K.L., Pushpavathi N.,	Journal of Molecular Liquids	2019	2	1	Department of Physics, Ramaiah

arization, dielectric and electrooptic behaviour in the smectic C and hexatic I phases	Krishna Prasad S., Shankar Rao D.S.					Institute of Technology, Bangalore, 560054, India
Photoluminescence study of liquid crystal ZnO nanocomposites	Pushpavathi N., Sandhya K.L.	Journal of Molecular Liquids	2019	2	1	Department of Physics, Ramaiah Institute of Technology, Bangalore, 560054, India
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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	11	176	112	90
Presented papers	89	47	2	12
Resource persons	8	57	29	37
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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Electrical Electronics Engineering	Lightning Protection Design of Quartz/Cyanate Ester Radome for LCA for AESA Radar	Advanced Systems Laboratory (DRDO), Hafiz Baba Nagar, DRDL Rd, Kanchan Bagh, Hyderabad, Telangana 500058	2333000
Computer Science Engineering	LED light controller	EDAC Multitech Pvt Ltd, #61/1, Gokul Point, Gokula, Mathikere, Bangalore 54, Mob: 9448467822, Email: prem@edcmultitech.com, Website: www.edacmultitech.com	25000
Electrical Electronics	Design Development of IVG and HCG	Centre for Air Borne Systems, Wind	4449000

Engineering	Systems at CABS	Tunnel Rd, Ambedkar Nagar, HAL Airport Area, HAL, Bengaluru, Karnataka 560017	
Computer Science Engineering	Real time project	Trestle Labs Pvt Ltd, Bonny Dave, Founder, cg03, Divyajivan residency, Chandkheda, Ahmedabad.	20000
Department of Mechanical Engineering	Tensile test using tensometer3 specimen	Guna shekar, Amruta School of Engineering, B'lore, 04.04.2018	300
Department of Mechanical Engineering	Tensile test using tensometer8 specimens	Shivalinga Darshana Gowda, JSS ATE, B'lore.	800
Department of Mechanical Engineering	Aluminium Castings2 Nos.	Ananda, Govt Engineering College, Haveri., 17.04.2018	1000
Department of Mechanical Engineering	Pin on disc-3 specimens	Naveen, BITM, Bellary , 25.04.2018	300
Department of Mechanical Engineering	Air jet erosion-14 specimens	Mr.Navinesh, Asst Professor, S.Krishna college of Engineering, B'lore., 25.04.2018	2800
Electronics Communication Engineering	OCR for Printed Kannada Text using Deep Learning Approach	Dept. of Kannada Arts and Culture, Government of Karnataka , Kannada Bhavana, J C Road, Bengaluru 560002, (080)2221271, 22213530	25000

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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Dept. of Chemical Engineering	Chemical Plant Design and Simulation for Industry Personnel	MSRIT students	80000	8

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3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Special Camp	M.S. Ramaiah Institute of Technology (NSS Unit)	2	160
Write For Right	M.S. Ramaiah Institute of Technology (NSS Unit)	2	70
National Road Safety Week	M.S. Ramaiah Institute of Technology (NSS Unit)	2	95
Article 326	M.S. Ramaiah Institute of Technology (NSS Unit)	2	80
Orphanage and old age home visit	M.S. Ramaiah Institute of Technology (NSS Unit)	2	140
Aathmaraksha	M.S. Ramaiah Institute of Technology (NSS Unit)	2	110
Blood Donation Camp	M.S. Ramaiah Institute of Technology (NSS Unit)	2	150
Swachh Bharat Summer Intership	Governement of India	2	175
Polio drive	Governement of India	2	90
Cancer Awareness	Times of India	2	200
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Blood Donation Camp	Recognition as a quality Blood Donation Camp by participation of more than 10 hospitals	Rotary TTK Blood Bank, Lions Blood Bank, Victoria Blood Bank, NIMHANS Blood Bank, Red Cross Blood Bank etc	150

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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Special Camp	M.S. Ramaiah Institute of Technology (NSS Unit)	Special Camp	2	160
Write For Right	M.S. Ramaiah Institute of Technology (NSS Unit)	Write For Right	2	70
National Road Safety Week	M.S. Ramaiah Institute of Technology (NSS Unit)	National Road Safety Week	2	95
Aeticle 326	M.S. Ramaiah Institute of Technology (NSS Unit)	Aeticle 326	2	80
Orphanage and old age home visit	M.S. Ramaiah Institute of Technology (NSS Unit)	Orphanage and old age home visit	2	140
Aathmaraksha	M.S. Ramaiah Institute of Technology (NSS Unit)	Aathmaraksha	2	110
Blood Donation Camp	M.S. Ramaiah Institute of Technology (NSS Unit)	Blood Donation Camp	2	150
Swachh Bharat Summer Intership	Government of India	Swachh Bharat Summer Intership	2	175
Polio drive	Government of India	Polio drive	2	90
Cancer Awareness	Times of India	Cancer Awareness	2	200

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3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Technical Sessions on: Introduction to IBM Cloud, Cognitive Computing, IBM Data	M Tech Students	NA	120

Analytics platforms , Artificial Intelligence / Machine Learning and Watson IoT.			
Technical Session on Dockers and Containers	5th Sem students	NA	120
project work	Naresh Pavan Kumar Santhosh. L	self	180
Collaborative work	Suma K V	self	240
Technical Sessions on: File systems and Storage, Docker and Container Technology Handson Session on: Docker and Container Technology, Software Security Industry visit with students Recognition to the faculty Interaction meeting of faculty with Mi	5th Sem students	NA	150
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Internship	Linkage with Industries	Contech Micro Systems, Bengaluru	02/02/2019	10/04/2019	4
Internship	Linkage with Industries	Continental Automative C omponents(In dia) Private Limited,9Th Floor, Goldhills Supreme Software Park, Plot No 21,22,27 And 28, Shantipura Road ,	01/03/2019	04/05/2019	3

		Electronic City Phase Ii Bangalore 560068			
Internship	Linkage with Industries	CREOCONCEPTS Architects, Sathish Desai, #1207, First Floor, 14th Main, 22nd Cross (Club Road) Sector3, HSR Layout, Bangalore 560102, Ph No: 094833 48436 Email: info@creoconcepts.in	01/03/2019	04/05/2019	1
Internship	Linkage with Industries	CresArc StudioLlp., Ar. Raj Kumar, #819/A, 80 Feet Road, 3rd Block, 1st Stage, HBR Layout, Bangalore 560043, Email: info@cresarc.com	01/03/2019	04/05/2019	1
Internship	Linkage with Industries	CresArc StudioLlp., Ar. Raj Kumar, #819/A, 80 Feet Road, 3rd Block, 1st Stage, HBR Layout, Bangalore 560043, Email: info@cresarc.com	01/03/2019	04/05/2019	1
Internship	Linkage with Industries	CSIR CIMFR, Jharkhand.	01/03/2019	04/05/2019	1
Internship	Linkage with Industries	CSIR NCL, Pune	14/06/2018	13/08/2018	1
Internship	Linkage with Industries	CSIR NIIST, Thiruvantapuram	18/06/2018	16/08/2018	2
Internship	Linkage with	Cube	22/08/2018	10/12/2018	1

	Industries	Architecture Interior Design, Suman N G, Mysore.			
Internship	Linkage with Industries	Culligan, Dubai, UAE	22/08/2018	10/12/2018	1
Internship	Linkage with Industries	Mahindra Comviva 9Th , 10Th , 11Th 12Th Floor, Rmz Galleria Office Building, Sy. No. 144, Yelahanka Village, Bellary Road, Bangalore - 560064. India	31/01/2019	28/06/2019	3
Internship	Linkage with Industries	Mangalore Chemicals Fertilizers Ltd.	31/01/2019	28/06/2019	1
Internship	Linkage with Industries	Mangalore Refinery Pet rochemicals Ltd.	31/01/2019	29/06/2019	1
Internship	Linkage with Industries	Manhattan Associates India Development Center, 172, Epip, 2Nd Phase, Whitefield, Bangalore	02/07/2019	16/07/2019	2
Internship	Linkage with Industries	Manipal Institute Of Technology	04/02/2019	03/08/2019	2
Internship	Linkage with Industries	Awign Enterprise Pvt. Ltd. Bangalore, Karnataka.	02/01/2019	10/05/2019	1
Internship	Linkage with Industries	Manoj associates, Manoj Kumar M A, No 14, 9th Main Road, Jayanagar,	20/06/2018	18/07/2018	2

		3rd Block, Bangalore 560011, Ph No: 0806556699			
Internship	Linkage with Industries	Manthan	27/08/2018	12/12/2018	1
Internship	Linkage with Industries	Marksans Pharma Limited, Goa.	30/01/2019	16/05/2019	1
Internship	Linkage with Industries	Mazumdar Shaw Medical Foundation, Bangalore	12/06/2018	21/12/2018	1
Internship	Linkage with Industries	ECOINSPACE, SUDHIR CHOUGULE, BANGALORE, Ph No: 9972015539, Email: ecoin scape@gmail. com	25/06/2019	24/08/2019	1
Internship	Linkage with Industries	Ecumene Habitat Solutions Pvt Ltd, Vasudevan R Kadalayil, 4th Floor, B hagyalakshmi Square, 17/N, 18th Cross Between 17th 18th Main Sector 3 HSR Layout, Bangalore 560102, Ph No: 91 80 25721555, Email: info@ ecumene.in	20/07/2018	20/08/2018	1
Internship	Linkage with Industries	Edos 4 Th Floor, No. 22(#351), Salarpuria Towers1, Hosur Road, Koramangala, Bengaluru 560095 Edos 4 Th Floor, No.	15/06/2018	15/09/2018	1

		22(#351), Salarpuria Towers1, Hosur Road, Koramangala, Bengaluru 560095			
Internship	Linkage with Industries	Ellen Automation	04/02/2019	04/07/2019	1
Internship	Linkage with Industries	Ellucian Higher Education Systems India Private Ltd, Bangalore	11/02/2019	29/06/2019	2
Internship	Linkage with Industries	EME Technologies	02/01/2019	11/05/2019	1
Internship	Linkage with Industries	Enif Designes, Ar. Saqib Khan C, #f1, HC Chambers, Opp to Blue Cross Chambers, Infantry Road Cross, Bangalore 560001, Ph No: 080 4118 8959/0998651 1184	31/01/2019	30/04/2019	1
Internship	Linkage with Industries	Entco Software India Private Limited, Bangalore	31/01/2019	30/04/2019	1
Internship	Linkage with Industries	Envestnet Yodlee	11/03/2019	10/05/2019	5
Internship	Linkage with Industries	ENVIRODESIGN ERS PVT. LTD.,ULHAS RANE ,BANAGLORE PH No: 08023417283, 9448149236, Email: ulhas @environdesi gners.com	23/01/2019	10/07/2019	6
Internship	Linkage with Industries	Ericsson, A Block, Bagmane	02/07/2018	23/08/2018	1

		World Technology Centre, Citrine Block SEZ, Outer Ring Rd, Laxmi Sagar Layout, Maha devapura, Bengaluru, Karnataka 560048			
Internship	Linkage with Industries	Lateral Arch itectural Services Pvt Ltd, Rajiv H anumanthaiah , No 810, 3rd Cross, 1st Block, HRBR layout, Kalyan Nagar, Bangalore 560043, Ph No: 080 25457720, Email: admin @lateral.in	02/07/2018	20/08/2018	1
Internship	Linkage with Industries	Le Chateau	04/02/2019	29/06/2019	1
Internship	Linkage with Industries	LEAD(Living Edge Architects Designers), Dinesh Shanmugam, #50, 3rd Floor, 16th Main, HAL 2nd Stage, Indiranagar, Bangalore 560008, Ph No: 08041250257, Email: info@ lead.co.in	15/06/2018	14/07/2018	4
Internship	Linkage with Industries	LEOS, ISRO, First Cross, First Phase, Peenya, Bengaluru, Karnataka 560058	30/01/2019	11/05/2019	2

Internship	Linkage with Industries	Li2 Technologies 361, 2Nd Floor, Shree Bhagavathi Complex,, Gokula 1st Stage, 2Nd Phase, Bengaluru, Karnataka 560054	01/02/2019	30/03/2019	32
Internship	Linkage with Industries	Lightspace Architecture Studio, Ar. Hanumesh Gonhal, #624, 1st Floor, 50th Cross, 11th Main, 3rd Block, Near Canara Bank, Rajajinagar, Bangalore 560010, Ph No: 9880983352, Email: light space@live.in	11/02/2019	16/03/2019	2
Internship	Linkage with Industries	Line and Dot Studio, Shefali Cordeiro, 62, Travessa Pinto Coedeiro Angod, Mapusa, Goa403507, Ph No: 91 9405677817, Email: sheford@gmail.com	23/08/2018	11/12/2018	1
Internship	Linkage with Industries	LIVSPACE.COM , Syed Athiq Shiraj, Prestige Obetisk, 4th Floor, Kasturba Road, Bangalore 560001, Email: athiq	30/01/2019	16/05/2019	1

		.shiraj@live space.com			
Internship	Linkage with Industries	Longitude Architects, Anu Prabakar, #48, Lavelle Road, Hitananda II, 3rd Floor, Bangalore 560001, Ph No: 91 80 41120719	30/01/2019	16/05/2019	1
Internship	Linkage with Industries	M A Architects Pvt. Ltd., Rashmi Chopra, 2588, Iind Cross, 18th Main, HAL II stage, Indira Nagar, Bangalore 560008, Ph No: 91 8041153691, Email: chise l@maarchitec ts.in	27/08/2018	12/12/2018	2
Internship	Linkage with Industries	Cerner Corporation, Manyata Techpark, Nagawara, Bangalore	17/06/2019	03/08/2019	6
Internship	Linkage with Industries	ACTREC, Mumbai	17/06/2019	17/08/2019	2
Internship	Linkage with Industries	Adithya Systems	18/06/2018	20/07/2018	1
Internship	Linkage with Industries	Aegis, Bangal ore	15/06/2018	25/07/2018	2
Internship	Linkage with Industries	Aidapp New Bel Rd, Bangalore, Karnataka 560094 India	01/06/2019	30/08/2019	4
Internship	Linkage with Industries	Akamai Technologies India Pvt Ltd, Augusta Building,	20/02/2019	20/04/2019	6

		1st Floor,8/1,8/4,8/1,8/4, Nagsandra Rd, Embassy Golf Links Business Park, Domlur			
Internship	Linkage with Industries	Alaska, 04, Vinay Apt., Thatte Nagar Road, Off College Road, Kulkarni Baug, Nashik 422005 Alaska, 04, Vinay Apt., Thatte Nagar Road, Off College Road, Kulkarni Baug, Nashik 422005	18/06/2018	18/08/2018	1
Internship	Linkage with Industries	Alcon Consulting Enginers Pvt Ltd., #35, 4th main, 4th stage, Industrial town, Basave shwaranagar, Bengaluru	06/02/2019	05/06/2019	1
Internship	Linkage with Industries	CM Envirosys tems Pvt. Ltd	28/01/2019	29/06/2019	1
Internship	Linkage with Industries	PupilMesh Pvt LTD	04/02/2019	04/07/2019	2
Internship	Linkage with Industries	Quantiphi Analytics Solutions Pvt. Ltd, CWing, Level 2, Eureka Towers, Mindspace, W, Mumbai, 400064	25/02/2019	27/05/2019	2
Internship	Linkage with Industries	Quicon Buildtech India Pvt Ltd., No. 18/1B, 2nd floor, Door	01/02/2019	31/07/2019	1

		NO.1, Kaikon drahalli road, Bellandur, 1st cross, above Ramdev Medical, Bangalore103			
Internship	Linkage with Industries	R k Associates Inc, #1, Industrial Site, Off 17th F Cross, Indiranagar 2nd Stage, Bangalore 560038, Ph No: 080b 252 58109/998600 9515	15/04/2019	15/05/2019	1
Internship	Linkage with Industries	R K Infra(India) Private Limited, Sri Lakshmi Nivas, Near OM sri School, M V Extension, Hoskote Town, Bangalore Rural 562114, Ph No: 08041123 435/08041687 000, Email: enquiry@rkip l.in/project s@rkipl	27/08/2018	12/12/2018	2
Internship	Linkage with Industries	Rail Wheel Factory, Indian Railways, Rail Wheel Factory, Yelahanka, Bangalore Karnataka	30/01/2019	16/05/2019	1
Internship	Linkage with Industries	Rajasthan Electornics Instruments Ltd	16/07/2018	30/07/2018	1
Internship	Linkage with	Rajiv Gandhi	11/06/2018	07/07/2018	2

	Industries	Center of Biotechnology			
Internship	Linkage with Industries	Ramaiah Memorial Hospital, Bangalore	01/02/2019	10/03/2019	7
Internship	Linkage with Industries	Ramanujan Consultancy Services, Bangalore	20/06/2018	25/07/2018	4
Internship	Linkage with Industries	RCA Studio Pvt Ltd, Manu Kumar (MangerHRD), George John, #16, Serpentine Street, Richmond Town, Bangalore 560025, Ph No: 91 80 49378800806, Web: www.rapidcorpindia.com	22/02/2019	22/08/2019	2
Internship	Linkage with Industries	Reliance Jio Infocomm Ltd	11/02/2019	11/05/2019	2
Internship	Linkage with Industries	RiverSilica, bangalore	01/06/2018	31/08/2018	2
Internship	Linkage with Industries	RMC Electronics Pvt Ltd, Bangalore	23/07/2019	26/08/2019	5
Internship	Linkage with Industries	Ayush Tv	02/01/2019	10/05/2019	1
Internship	Linkage with Industries	Cetex Petrochemicals Ltd. Manali, Chennai.	11/02/2019	11/07/2019	3
Internship	Linkage with Industries	Azyme biosciences bangalore	30/01/2019	30/04/2019	1
Internship	Linkage with Industries	Bagamane Ventures Pvt Ltd., No. 23/2, 7th floor, Coffee day square, Vittal Mallya road, Bangalore01	02/06/2018	25/08/2018	1

Internship	Linkage with Industries	Quess Corp Limited, Bangalore	01/02/2019	31/07/2019	3
Internship	Linkage with Industries	Balan and Nambisan Architects, M C Bopanna, #226,18th Main, 1st Cross, HAL 2nd Stage, Bangalore 560008, Ph No:25217544/43	15/03/2019	15/04/2019	8
Internship	Linkage with Industries	Basanth Consultants, G N Basanth, No.653, 1st Floor, Mookambika Nilaya, 10th Cross, 2nd Stage, West Of Chord Road, Mahalakshmiipuram Layout, Bangalore 560086 Ph No: 91 9845453391, Email: basanth.bcs@gmail.com, basanth2001@rediffmail.com	02/01/2019	10/05/2019	2
Internship	Linkage with Industries	BASF India Ltd. Mangalore	02/01/2019	10/05/2019	1
Internship	Linkage with Industries	Beanaka switch gear Pvt. Ltd, Bangalore	02/01/2019	10/05/2019	1
Internship	Linkage with Industries	BEL, Bangalore, Outer Ring Rd, Vyalikaval HBCS Layout, Nagavara, Bengaluru, Karnataka 560045, 080 2503 9300	24/06/2019	24/07/2019	18

Internship	Linkage with Industries	Bhagwan Mahaveer Jain Hospital	24/06/2019	13/07/2019	2
Internship	Linkage with Industries	BHEL, Bangalore	20/03/2019	20/04/2019	1
Internship	Linkage with Industries	BHILAI Steel Plant, Bhilai490 001 (Chhattisgarh) 2200999	16/07/2018	14/08/2018	2
Internship	Linkage with Industries	BigHaat Agro Private Limited, Bangalore	04/07/2018	02/08/2018	1
Internship	Linkage with Industries	BioAgile Therapeutics Pvt. Ltd	25/06/2018	24/07/2018	1
Internship	Linkage with Industries	Biocon Limited, Bengaluru.	13/08/2018	11/09/2018	2
Internship	Linkage with Industries	BIOZEEN Pvt Ltd. Bangalore	13/07/2018	27/07/2018	1
Internship	Linkage with Industries	BMRCL, Bangalore	16/07/2018	11/08/2018	3
Internship	Linkage with Industries	Bms Innolabs Software Pvt .Ltd, No.63, #1st Floor, Vijaya Complex, 19Th Main Road, 2Nd Block, Rajaji Nagar, Bengaluru, Karnataka 560010 Bms Innolabs Software Pvt .Ltd, No.63, #1st Floor, Vija	02/06/2018	25/08/2018	1
Internship	Linkage with Industries	Boeing, Bangalore	11/06/2018	10/08/2018	1
Internship	Linkage with Industries	Bosch Automotive Electronics India Private	16/07/2018	31/07/2018	5

		Limited, No.704, Electronics City Road, N aganathapura , Bengaluru, Karnataka 560100			
Internship	Linkage with Industries	BSNL,Patna	04/02/2019	28/06/2019	4
Internship	Linkage with Industries	Bull Fish Labs, Ghaziabad, Uttar Pradesh	26/06/2018	03/08/2018	1
Internship	Linkage with Industries	Bytematic IT Solutions	19/02/2019	19/06/2019	1
Internship	Linkage with Industries	CAIR, DRDO Complex, C V Raman Nagar, Bengaluru, Karnataka 560093	11/02/2019	16/05/2019	2
Internship	Linkage with Industries	Carl Zeiss India Pvt. Ltd	11/01/2019	09/02/2019	2
Internship	Linkage with Industries	Cast Software India Private Limited Jp Devi Jambukeswar Arcade , 4Th Floor, 69, Millers Rd, Kaverappa Layout, Vasanth Nagar, Bengaluru, Karnataka 560052	09/07/2018	27/07/2018	3
Internship	Linkage with Industries	Cathodic Control Company Private Limited	01/03/2019	29/06/2019	1
Internship	Linkage with Industries	Robert Bosch Engineering And Business Solutions, 690, Gold Hill Square, Hosur Road,	04/02/2019	28/06/2019	21

		Bommanahalli , Bengaluru, Karnataka 560068, Bangalore, Karnataka			
Internship	Linkage with Industries	Rooman Techn ologies, Bangalore	07/02/2019	13/06/2019	1
Internship	Linkage with Industries	S R Creations Seeting Foot Prints, Hemavathi P S, #759764, 4th Floor, 8th Main Road, JP Nagar 2nd Phase, Bangalore 560078, Ph No: 91 80 26582672, Email: info@ srarchitects .com	30/01/2019	16/05/2019	1
Internship	Linkage with Industries	Sagar Hospitals	13/08/2018	03/09/2019	2
Internship	Linkage with Industries	Tata Steel Limited	17/06/2019	16/07/2019	2
Internship	Linkage with Industries	Technoarchit ecture, Rajesh S, #9/1, Uttaradi Mutt Raod, S hankarapuram , Basavanagu di, Bangalore 560004, Ph No: 65963992 /42103764, Email: techn oarchitectur e@yahoo.com/ technoarchit ecture@gmail .com	27/08/2018	12/12/2018	2
Internship	Linkage with Industries	Technofist	13/07/2018	06/08/2018	2
Internship	Linkage with Industries	Teciex Solutions Pvt Ltd.,	07/03/2019	07/08/2019	3

		Bangalore			
Internship	Linkage with Industries	Thomas Associates Architects, Tilak Thomas, 32/4 Kasturba Road Cross Bangalore 560001, Ph No: 08040787000 Email: mail2@taarch.com	27/08/2018	12/12/2018	2
Internship	Linkage with Industries	Tia Technology (I) Pvt Ltd	10/07/2018	10/09/2018	1
Internship	Linkage with Industries	Times Broadcasting N/w	20/06/2018	20/08/2018	5
Internship	Linkage with Industries	Toyota Kirloskar Auto Parts Pvt. Ltd	02/07/2018	02/08/2018	5
Internship	Linkage with Industries	Toyota Kirloskar Motor	20/02/2019	20/04/2019	3
Internship	Linkage with Industries	U R Rao Satellite Centre (URSC)	31/01/2019	30/04/2019	13
Internship	Linkage with Industries	UMCG, Groningen, Netherlands.	01/06/2018	01/08/2018	1
Internship	Linkage with Industries	Unicca Empporis Pvt Ltd., 2nd floor, Agra building, 121, M G Road Fort, Mumbai33	22/03/2019	22/04/2019	4
Internship	Linkage with Industries	University of Agricultural Sciences (UAS), GKVK	01/06/2018	01/08/2018	5
Internship	Linkage with Industries	University of Calcutta	01/06/2018	01/08/2018	1
Internship	Linkage with Industries	University of Delhi, New Delhi	01/06/2019	01/08/2019	1
Internship	Linkage with Industries	Vaspp	18/06/2018	18/08/2018	1

	Industries	Technologies 76, 4Th Cross Rd, Sidharata Colony, Sant hosapuram, Koramangala 2Nd Block, Domlur, Bengaluru, Karnataka 560034			
Internship	Linkage with Industries	Vedas Labs	01/02/2019	20/04/2019	13
Internship	Linkage with Industries	Venkataraman an Associates, Ganesha Raj, 10/2 OShaughnessy Raod, Longford Gardens, Bangalore 560025, Ph No: 91 8040303050, Email: va@va group.com	27/08/2018	12/12/2018	6
Internship	Linkage with Industries	CM Santusht Soul Spaces Pvt. Ltd., Ar. Carol Mascarenhas, 945, 3rd Cross Rd, HRBR Layout 1st Block, Kalyan Nagar, Bangalore 560043, Ph No: 08041251339, Email: carol @santusht.co m	28/01/2019	29/06/2019	1
Internship	Linkage with Industries	Cme Group Level 8, Bagmane Tridib, Block A, No. 65/2, Bagmane Tech Park, C V Raman Nagar,	29/01/2019	28/06/2019	1

		Bangalore 560093			
Internship	Linkage with Industries	Cmec Obg Department of Rmch	29/01/2019	28/06/2019	2
Internship	Linkage with Industries	Gail(India) Ltd	04/02/2019	03/08/2019	1
InternshipIn ternship	Linkage with Industries	Gayathri Namith Architects, Gowri Rao, 14, Temple Trees Row, Cauvery Colony, Near 1st Block, Koramangala, Bangalore 560047, Ph No: 91802553 3774, Web: w ww.gnarchite cts.com	23/08/2018	12/12/2018	2
Internship	Linkage with Industries	Gem Paints Private Limited, Bengaluru.	04/02/2019	30/07/2019	5
Internship	Linkage with Industries	Genelon Institute of Life Sciences	04/02/2019	30/07/2019	2
Internship	Linkage with Industries	Gfactors Pvt Ltd, Bangalor e	11/06/2018	23/07/2018	1
Internship	Linkage with Industries	Gimbal Technologies	11/06/2018	23/07/2018	3
Internship	Linkage with Industries	iMOUMotionTe ch	01/06/2018	23/08/2018	3
Internship	Linkage with Industries	India Business online	25/06/2019	24/08/2019	1
Internship	Linkage with Industries	Jpmorgan Chase Co. Prestige Technology Park, Sarjapur Outer Ring Rd, Vathur Hobli, Marathalli, Bengaluru 560087, India	30/01/2019	10/07/2019	11

Internship	Linkage with Industries	JAPCON architects Private Limited, Prabhakar Bothireddy, No. 7/2, Brunton Road, Bangalore 560025, Ph No: 080 2558 4276, Email: info@japcon.net	25/07/2018	24/08/2018	4
Internship	Linkage with Industries	JSW Steel	30/01/2019	10/07/2019	1
Internship	Linkage with Industries	Jubilant Generics, Nanjangud.	30/01/2019	10/07/2019	1
Internship	Linkage with Industries	Juniper Networks	24/07/2018	18/08/2018	6
Internship	Linkage with Industries	K P Padmanabha Associates, Ar. Sukhen Padmanabha, 4C, Bharat Apartments, 44/1, A B Fairfield Layout, Race Course Road, Bangalore 560001, Ph No: (80) 223 86601/223866 02, Email: contact@kppasociates.com	04/02/2019	29/06/2019	1
Internship	Linkage with Industries	Karnataka Power corporation Ltd.	04/02/2019	29/06/2019	3
Internship	Linkage with Industries	Karnataka Soaps Detergents Limited, Bengaluru	18/03/2019	22/05/2019	6
Internship	Linkage with Industries	M/S Sify Ltd	27/08/2018	12/12/2018	1
Internship	Linkage with Industries	M/s. C R Narayana Rao (Consultants	15/06/2019	15/07/2019	2

)Private Limited, C R Narayana Rao, No. 10, Karpagambal Nagar, Mylapore, Chennai 600004, Ph No: 914443441100, Email: crn@crn.co.in			
Internship	Linkage with Industries	Inform Architects, Nithya Srinivasan, 422 2nd Floor, 9th Main, 2nd Stage, Banashankari, Bangalore 560070, Ph No: 080 26713360/61/62, Email: general@informarchitects.com	05/03/2019	31/07/2019	1
Internship	Linkage with Industries	Infosys	12/06/2018	20/07/2018	1
Internship	Linkage with Industries	InStem, Bangalore	01/06/2019	23/08/2019	1
Internship	Linkage with Industries	Institute of Animal Health and veterinary sciences, Bangalore	25/08/2018	15/12/2018	1
Internship	Linkage with Industries	Integrated Services and Consultancy	04/02/2019	01/06/2019	1
Internship	Linkage with Industries	Intel Technology India Pvt. Ltd.	18/07/2018	19/07/2019	22
Internship	Linkage with Industries	Inversion Consultancy Llp. 164, 1st Cross Road, Rmv 2Nd Stage, Aecs Layout 1st Stage, Sanjaynagar,	18/07/2018	19/07/2019	2

		Bengaluru, Karnataka 560094			
Internship	Linkage with Industries	IOCL, Kolkota	18/07/2018	19/07/2019	1
Internship	Linkage with Industries	Itc Infotech No.18, Banaswadi Main Road, Maruthiseva Nagar, Bengaluru - 560005, India	01/08/2018	31/08/2018	1
Internship	Linkage with Industries	JAIN Associates, SF5, Second Floor, Sampurna Cha mbers,13/20, Vasavi Temple Road, V v Puram, Bangalore 560004, Ph No: 080 41512341, Email: ar.ja inassociates @gmail.com	03/09/2018	18/06/2019	1
Internship	Linkage with Industries	JCL Cement Pvt. Ltd., Alwar, Rajastan	28/01/2019	06/05/2019	1
Internship	Linkage with Industries	Jigsaw Academy Education Pvt. Ltd,Ban galore	28/01/2019	06/05/2019	1
Internship	Linkage with Industries	John Distilleries Pvt Ltd., Bangalore	20/07/2018	20/08/2018	1
Internship	Linkage with Industries	Decision Culture, Decision Culture Building, 2nd Floor, Above Axis Bank, Harlur Road, Near Sarjapur Junction on ORR,	25/06/2019	24/08/2019	1

		Bangalore, 560102			
Internship	Linkage with Industries	Defence Avionics Research Establishment (DRDO)	25/06/2019	24/08/2019	1
Internship	Linkage with Industries	Delex Stereo Pvt. Ltd, Bangalore	01/08/2018	31/12/2018	1
Internship	Linkage with Industries	Dell	01/08/2018	31/12/2018	1
Internship	Linkage with Industries	DEMPO Dairy Industries, Ltd	16/07/2018	16/08/2018	1
Internship	Linkage with Industries	Department of Civil Engineering, Bangalore University (For Nirmithi Kendra, Bangalore Rural Authorities)	27/06/2018	29/08/2018	1
Internship	Linkage with Industries	Department of Material Engineering, IISc, Bengaluru	16/07/2018	31/08/2018	1
Internship	Linkage with Industries	Department of Neuromicrobiology, NIMHANS	11/06/2018	10/08/2018	3
Internship	Linkage with Industries	Dept. of Aerospace, IISc, Bangalore	02/08/2018	08/08/2018	1
Internship	Linkage with Industries	Dept. of Instrumentation and Applied Physics, IISc, Mathikere, Bengaluru, Karnataka 560012 080 2293 2269	22/03/2019	22/04/2019	1
Internship	Linkage with Industries	Design N Interors, Chandrika B, # 102, RV 27, 9/10th.S	13/06/2018	01/10/2018	2

		ervice Raod, RPC Layout, Vijayanagar, 2nd Stage Bangalore 560040, Ph No: 9448116374, Email: avina shsk2001@yah oo.com, skav inash2001@gm ail.com			
Internship	Linkage with Industries	Design Concepts Architecture Interiors, Ar. Lhendup W Bhutia, Lachen Rinpoche Building, Development Area, Gangtok 7371101	02/06/2018	25/08/2018	2
Internship	Linkage with Industries	Design Cube Architects, Mr. Manjunath Gowda, #320, Brigade Arcade, Mahadevpura, Whitefield Main Road, Bangalore 560048, Ph No: 080 42012314, Email: info@ designcube.i n	01/02/2019	30/04/2019	1
Internship	Linkage with Industries	Design Desk, Ravi John, 1st Floor, Donna Bas Tower, No.52, Railway Parallel Road, bangalore 560020, Ph No: 080 2346 8444/9591231 947, Email:	12/06/2018	31/07/2018	1

		designdesk@designdesk.co			
Internship	Linkage with Industries	Deys Medical Stores (Mfg.) Limited, Kolkota	22/08/2018	31/12/2018	1
Internship	Linkage with Industries	Dharmalaya Institute for Compassionate Living, Mark Moore, Dharmalaya Institute, BirSansal Road, VPO Bir, Tehsil baijnath, District Kangra(HP)176077, Email: info@dharmalaya.in	02/01/2019	10/05/2019	1
Internship	Linkage with Industries	Dharwad CoOp Milk Union, Dharwad, Phone: 0836 246 7603	22/08/2018	31/12/2018	1
Internship	Linkage with Industries	DHRUVA LANDSCAPE ARCHITECTS, Prasad G, BANGALORE, Ph no: 8008066885, Email: dhruvaassociates@gmail.com	22/01/2019	10/05/2019	1
Internship	Linkage with Industries	Hyperbloom Agritech Private Limited	18/02/2019	21/06/2019	1
Internship	Linkage with Industries	IBAB, Bangalore	04/02/2019	06/05/2019	1
Internship	Linkage with Industries	IBIT Technologies Pvt Ltd., Bangalore	04/02/2019	06/05/2019	1
Internship	Linkage with Industries	Ibm India Pvt. Ltd. Gts Labs Solutions Bhartiya Centre Of	04/02/2019	06/05/2019	3

		Information Technology, Thanisandra Main Rd, Kannuru, Bengaluru, Karnataka 560064 Perpul			
Internship	Linkage with Industries	ICET, Bangalore	03/01/2019	06/05/2019	1
Internship	Linkage with Industries	iDNA Media labs Ltd	01/08/2018	29/08/2018	1
Internship	Linkage with Industries	IDT Design Consultants Pvt Ltd, R Surendran, #544, 2nd Floor, 3rd Cross, 3rd Main Road, 2nd Block, R T Nagar, Bangalore 560032, Ph No: 91 080 4 1284390/2353 2357, Email: info@idt.co. in	29/01/2019	27/07/2019	2
Internship	Linkage with Industries	IGS	21/06/2018	22/08/2018	2
Internship	Linkage with Industries	Onedirect Tower D, 5Th Floor, Ibc Knowledge Park, Bannerghatta Road Near Dairy Circle, Bengaluru, Karnataka 560029	07/07/2018	04/08/2018	2
Internship	Linkage with Industries	Outreach Summer Internship Programme, IISc, Bengaluru	27/08/2018	12/12/2018	2
Internship	Linkage with Industries	Pearl Global Industries Ltd, Bengaluru	30/06/2018	30/07/2018	6

Internship	Linkage with Industries	Peddle Thorp Nadig Architects, Dilip Nadig, 195, 2nd C Cross, Domlur 2nd Stage, Bangalore 560071, Ph No: 91 80 42694333	28/07/2018	27/08/2018	1
Internship	Linkage with Industries	Pegasus Equipment Private Ltd	01/09/2018	31/12/2018	3
Internship	Linkage with Industries	PGCL, Bangalore	01/09/2018	31/12/2018	4
Internship	Linkage with Industries	Philips India Limited	28/06/2018	27/07/2018	2
Internship	Linkage with Industries	Power grid corporation of India Limited, Bangalore	11/02/2019	15/05/2019	4
Internship	Linkage with Industries	PTN Architects, Dilip Nadig, 195, 2nd C Cross, Domlur 2nd Stage, Bangalore 560071, Ph No: 91 80 42694333	28/01/2019	16/05/2019	1
Internship	Linkage with Industries	Publicis.Sapient 2870, Building Virgo, Bagmane Constellation Business Park, Outer Ring Road, Doddanekundi Circle, Marathahalli Post, Bengaluru - 560037.	27/08/2018	12/12/2018	2
Internship	Linkage with Industries	IIT Bombay	01/06/2018	23/08/2018	1
Internship	Linkage with Industries	IIT Madras	01/06/2018	23/08/2018	1

	Industries				
Internship	Linkage with Industries	Imarat Architects, Savneet Kaur, ICEA Studio, Imisaal ecovillage Vill, Kalwa Heri, Karnal, Sector 43 B, Chandigarh	11/06/2018	06/07/2018	1
Internship	Linkage with Industries	La Greens India Pvt. Ltd. Bengaluru	21/06/2018	27/07/2018	1
Internship	Linkage with Industries	Lam Research	21/06/2018	27/07/2018	1
Internship	Linkage with Industries	Datamall Technologies and Services India Pvt Ltd, Bangalore	04/02/2019	03/08/2019	7
Internship	Linkage with Industries	Datasol Innovative Labs	25/06/2019	24/08/2019	2
Internship	Linkage with Industries	Dbali IT Solutions Pvt Ltd	25/06/2019	24/08/2019	1
Internship	Linkage with Industries	DBALIIT Solutions	25/06/2019	24/08/2019	1
Internship	Linkage with Industries	Diesel Locomotive Works, Varanasi, Uttar Pradesh, India	22/08/2018	11/12/2018	1
Internship	Linkage with Industries	Digiadd Technolgies	25/02/2019	14/05/2019	8
Internship	Linkage with Industries	Ernst and Young LLP	02/07/2018	23/08/2018	1
Internship	Linkage with Industries	Espn Digital Media (India) Espn, Divyashree Chambers, No.11, 3Rd Floor, "A" Wing, O'Shau	02/07/2018	23/08/2018	1

		ghnessy Road, Shantinagar, Bangalore - 560025			
Internship	Linkage with Industries	Esterline Technologies Private Limited, Bangalore	02/07/2018	23/08/2018	1
Internship	Linkage with Industries	ETAS Automotive India Pvt. Ltd	02/07/2018	23/08/2018	1
Internship	Linkage with Industries	Evolet Technologies	02/07/2018	23/08/2018	1
Internship	Linkage with Industries	Explore Embedded	11/06/2018	30/07/2018	2
Internship	Linkage with Industries	Ferns Estates And Developes, #95, Amar Jyothi Layout, Intermediate Ring road, Domlur, Bengaluru71	20/02/2019	20/08/2019	2
Internship	Linkage with Industries	Fidelity, Bangalore	10/07/2018	06/08/2018	2
Internship	Linkage with Industries	Force microscopy lab, Department of mechanical engineering, IISc, Bangalore	04/02/2019	06/05/2019	1
Internship	Linkage with Industries	Friends For Inclusion #1001, 25 Main Road, 9Th Cross Road, Hsr Layout, Sector 1, Bengaluru 560102, Karnataka,	04/02/2019	04/04/2019	1
Internship	Linkage with Industries	Frontiers Design Syndicate(P) Limited, D.	04/03/2019	04/04/2019	2

		Sandhya Sree, H No.8 2693/2/2627, Mithila Nagar Colony, Road No 12, Banja rahills, Hyderabad 500034, Andr apradesh, Ph No: 91402339 3717,2338409 9			
Internship	Linkage with Industries	Fujitsu	28/01/2019	27/07/2019	2
Internship	Linkage with Industries	Future Robotics And Automation	02/06/2018	23/08/2018	1
Internship	Linkage with Industries	3 Fold Design, Praveen M / Santhosh TV, #8, 3rd Floor, ITI Employers Colony, New BEL Road, RMV Stage 2, Sanjayanagar , Bangalore 560094, Ph No: 080 48524147 Email: 3fold esign@gmail. com	27/08/2018	02/11/2018	3
Internship	Linkage with Industries	ACG (Archite ctural Consulting Group), Tarun Antony, Abu Dhabi, UAE	05/03/2019	05/04/2019	1
Internship	Linkage with Industries	ALM Post graduate Institute of Basic Medical Sciences, Chennai (INSA)	06/02/2019	06/05/2019	1
Internship	Linkage with Industries	Alok Shetty, Principal Architect, Bhumiputra A	29/01/2019	28/06/2019	6

		rchitecture, SNC House, 7 Residency Road, Bangalore 560025, 9180 2228000/9000 , Web: www.b humiputra.co m			
Internship	Linkage with Industries	Alstom Transport India Ltd.	01/06/2019	25/07/2019	1
Internship	Linkage with Industries	Amadeus Software Labs India Pvt Ltd 6Th Floor, Etamin Block (B 3), Prestige Technology Park Ii, Mar athahalli, Sarjapur Outer Ring R oad,Kadubees anahalli, Bangalore 560103, India.	22/08/2018	12/12/2018	1
Internship	Linkage with Industries	Amazon Development Centre India Pvt.Ltd Aquila Building, Bagmane Cons tellation Business Park (Bcbp) Grnd,4Th,5Th ,6Th,7Th,8Th ,9Th,10Th,11 Th,12Th 13Th Floor K.R. Puram Marathalli Ring Road, Mahadevpura Bangalore 560037	10/01/2019	11/05/2019	4
Internship	Linkage with Industries	Ambiant Associates, Sreenivasa Rao G,	10/01/2019	11/05/2019	1

		#2460, 17th Main, 24th Cross, Banashankari 2nd Stage, Bangalore 560070, Ph No: 91 80 22718893, 91 9845418720, Email: ambiant_architects@hotmail.com			
Internship	Linkage with Industries	Avani Associates, Ar. Avani Shah, YARI 12, Gyansagar Soc, Nr. Jain merchant Soc, Paldi, Ahmedabad 380007, Ph No: 079 2660 5295/0982501 7982, Email: avaniassociates@gmail.com	02/06/2018	25/08/2018	2
Internship	Linkage with Industries	Chromgene Pvt ltd.	01/02/2019	03/08/2019	5
Internship	Linkage with Industries	Cisco Systems India Pvt. Ltd. Cessna Business Park, Kadubesanahalli Village, Hobli, Sarjapur, Varthur Main Road, Marathahalli, Bengaluru, Karnataka 560087	28/01/2019	29/06/2019	12
Internship	Linkage with Industries	NCCS, Pune	25/06/2019	22/08/2019	1
Internship	Linkage with Industries	Netscout Systems Software India Pvt	23/06/2018	25/08/2018	1

		Ltd			
Internship	Linkage with Industries	CDAC	01/03/2019	29/06/2019	1
Internship	Linkage with Industries	Center for Artificial Intelligence and Robotics (CAIR), DRDO Complex, C V Raman Nagar, Bengaluru, Karnataka 560093	25/06/2018	10/08/2018	1
Internship	Linkage with Industries	Central Manufacturing Technology Institute	16/07/2018	31/08/2018	1
Internship	Linkage with Industries	Centre for Architecture Planning, Nishant Nathani, #401, Siri Exotica Plus, Uttarahalli Main Road, Padmanabhnagar, Bangalore 560061, (#177, 10th B Main, Jayanagar, First Block, Bangalore 560011), Ph No: 7338332303, 9310854867, Email: capdstudio	04/02/2019	03/05/2019	1
Internship	Linkage with Industries	Centre For Artificial Intelligence And Robotics, DRDO Complex, C V Raman Nagar, Bengaluru, Karnataka 560093	04/02/2019	03/05/2019	1
Internship	Linkage with Industries	Centre for Chemical Biology and Therapeutics	01/02/2019	03/04/2019	1

		Instruments, NCBS			
Internship	Linkage with Industries	Centre for Human Genetics	17/06/2019	17/08/2019	2
Internship	Linkage with Industries	Digitrack Scientific Instruments	13/02/2019	24/04/2019	2
Internship	Linkage with Industries	DocTalk	19/02/2019	01/04/2019	3
Internship	Linkage with Industries	Doordarshan, Patna, Bihar, India	18/02/2019	22/03/2019	1
Internship	Linkage with Industries	Dq Labs Bangalore 4Th Main Road, 9/1, 17Th Cross Road, Mallechwaram West, Bengaluru, Karnataka 560055	18/02/2019	22/03/2019	1
Internship	Linkage with Industries	Dr Narla Tata Rao Thermal Power Station	18/06/2019	09/07/2019	1
Internship	Linkage with Industries	Dr.Prasanta Kumar Ghosh	18/06/2019	09/07/2019	4
Internship	Linkage with Industries	DRDO DFRL, Mysore	30/07/2018	13/08/2018	5
Internship	Linkage with Industries	DTSI, Bangalore	28/06/2019	17/08/2019	1
Internship	Linkage with Industries	Dubas Engineering Pvt Ltd	26/06/2019	26/07/2019	1
Internship	Linkage with Industries	Dwail Pvt ltd, Bengaluru	18/06/2018	13/07/2018	1
Internship	Linkage with Industries	Ebisu Technologies Private Limited A6, 2Nd Floor, Sri Sai Residency, #141, 2Nd Main, Sun City Layout, Jp Nagar 7Th	18/06/2018	13/07/2018	1

		Phase, Bengaluru 560076 Completed Ebisu Technologies P			
Internship	Linkage with Industries	EBiX.BiZ, Bangalore	18/06/2018	13/07/2018	1
Internship	Linkage with Industries	Eci Telecom,5Th Floor ,Innovator Building, In ternational Tech Park, Pattandur Agrahara Road, Whitefield, Bengaluru, Karnataka 560066	27/06/2018	29/08/2018	1
Internship	Linkage with Industries	MedNxt Innovative Technologies	30/01/2019	29/07/2019	1
Internship	Linkage with Industries	Meltwater Software Pvt Ltd. Bangalore	20/06/2018	11/08/2018	4
Internship	Linkage with Industries	MercedesBenz Research Development India, Plot No. 9 10, Whitefield Palms, Epip Zone, Phase 1, Whitefield Road, Bengaluru, Karnataka 560066	21/01/2019	20/07/2019	1
Internship	Linkage with Industries	Merck Lifescience Pvt Ltd	21/01/2019	20/07/2019	1
Internship	Linkage with Industries	MICD Associates, Channa Daswatte, 56/1, Pujya Sri Dhammara thana Mawatha, Mod	04/06/2018	28/08/2018	2

		iwelakotte, Sri Lanka, Ph No: 94 11 2799288, Email: micda @micda.com/m icd.associat es@gmail.com			
Internship	Linkage with Industries	Micro Focus Software India Pvt Ltd, Laurel, Block D, 65/2, Bagmane Tech Park, C.V. Raman Nagar, Byrasandra Post, Bangalore, 560093, India	30/01/2019	30/07/2019	7
Internship	Linkage with Industries	Microbilt Corporation 1640 Airport Rd. Suite 11 5, Kennesaw, Ga 30144,	30/01/2019	30/07/2019	1
Internship	Linkage with Industries	Micron Engineers	30/01/2019	30/07/2019	6
Internship	Linkage with Industries	Miisky Technovation Pvt Ltd	06/02/2019	13/05/2019	5
Internship	Linkage with Industries	Mindstack, Bangalore	12/07/2018	11/08/2018	2
Internship	Linkage with Industries	Ministry of C ommunication Information technology	08/06/2019	23/08/2019	1
Internship	Linkage with Industries	Mistry Architects, Deepa S Vani, 444, 13th Cross, 5th Main, 2nd Stage, Indiranagar, Bangalore 560038, Ph No: 91 8025250186, 25256266, Email: info@ mistrys.com	01/06/2018	31/07/2018	9

Internship	Linkage with Industries	Mitra Software, Shimoga, Karnataka	28/01/2019	16/05/2019	1
Internship	Linkage with Industries	Mobile innovation lab IS department, RIT	28/01/2019	16/05/2019	4
Internship	Linkage with Industries	Mobisy Technologies (P) Ltd	10/07/2018	14/08/2018	1
Internship	Linkage with Industries	Modular Dental Equipments	10/07/2018	14/08/2018	1
Internship	Linkage with Industries	Morphogenesis, N85b, Panshsheel Park, New Delhi 110017, Ph No: Delhi: 91 1141828070/Bangalore: 91 9901175557	04/07/2018	10/08/2018	2
Internship	Linkage with Industries	Motifworks, Bangalore	25/08/2018	12/12/2018	1
Internship	Linkage with Industries	MOZAIC Architecture, Dean DCruz, 1 Design Valley, Alto Porvorim, BardezGoa 403521, Ph No: (91) 8322410471/2 Email: architecture@mozaic.in	28/01/2019	16/05/2019	1
Internship	Linkage with Industries	Mrk Innoapps Pvt Ltd. 612, 15Th Cross Rd, 1St Block, Uvec Layout, 3Rd Stage, Basaveswara Nagar, Bengaluru, Karnataka 560079	15/02/2019	13/07/2019	1
Internship	Linkage with Industries	Mud Handa Earth Architecture,	28/01/2019	16/05/2019	1

		Gouthama D M, #549, 26th Main, 14th Cross, J P Nagar, 1st Phase, Bangalore 560078, Ph No: 08026653660, Email: conta ct@mudhands. com			
Internship	Linkage with Industries	Murali Architects, Ar. Murali, No.142, Second Street, Kamaraj Avenue, Adyar, Chennai 600020, Ph No: 24914226 ,24413230, Email: archm uralil@gmail .com	14/03/2019	11/05/2019	1
Internship	Linkage with Industries	NAL, Bangalore	28/01/2019	16/05/2019	1
Internship	Linkage with Industries	Nandu Associates, Nanda Kumar B, Plot No143, Road No 13, banjara Hills, Hyderabad 500034, Ph No: 66255454	27/08/2018	12/12/2018	1
Internship	Linkage with Industries	nanocell	01/08/2018	12/12/2018	3
Internship	Linkage with Industries	Narayana Nethralaya	26/02/2019	30/03/2019	1
Internship	Linkage with Industries	National centre for cell science s,Pune	26/02/2019	30/03/2019	1
Internship	Linkage with Industries	National Fertilizers Limited, Vijaipur, Madhya	02/07/2018	01/08/2018	1

		Pradesh			
Internship	Linkage with Industries	National Informatica Centre, Koramangala Bengaluru.	01/06/2018	31/08/2018	2
Internship	Linkage with Industries	National Institute of Mental Health Neuro sciences, Bangalore	01/02/2019	01/07/2019	1
Internship	Linkage with Industries	National Institute of Plant Genome Research, New Delhi	01/02/2019	01/07/2019	1
Internship	Linkage with Industries	NCBS, Bengaluru	25/06/2019	22/08/2019	1
Internship	Linkage with Industries	Nihon Communication Solutions Pvt. Ltd.	23/06/2018	25/08/2018	1
Internship	Linkage with Industries	Nineleaps	15/02/2019	14/08/2019	1
Internship	Linkage with Industries	Sami Labs Ltd, Bangalore	01/06/2018	01/08/2018	1
Internship	Linkage with Industries	Sanctuary Architects Designers, Anshul Chodha, No 31, 4th Cross, 8th Main, Rajmahal Vilas Extension Sadashiv Nagar, Bangalore 560080, Ph No: 9180 41277059, Email: Sanctuarchitects@gmail.com	27/08/2018	12/12/2018	5
Internship	Linkage with Industries	Sap Labs India #138, Sap Labs Road, Epip Zone, Whitefield,	04/02/2019	28/06/2019	4

		Bengaluru, Karnataka 560066			
Internship	Linkage with Industries	Sathishs Swanlines, Abdul Rahman Ansari, #2307, Swanlines, Near Adigas, 12th Main, 3rd Block East, Jayanagar, Bangalore 560011, Ph No: 80 26653635, 9844058666, Email: info@ swanlines.in	30/01/2019	16/05/2019	1
Internship	Linkage with Industries	Sekai Solutions Private Limited, #623, 6Th 'A' Main, 17Th Cross, 2Nd Stage, Indiranagar, Bangalore 560038	12/06/2018	26/07/2018	1
Internship	Linkage with Industries	Shenzhen Tiantai Air Internationa l Trvael Agency Co Ltd(China)	13/06/2018	25/07/2018	1
Internship	Linkage with Industries	Sidvin Core Tech Pvt. Ltd., Bengaluru	18/07/2018	14/08/2019	2
Internship	Linkage with Industries	SJK Architects, Shimul Javeri Kadri, 302/303 veena Killedar Industrial Estate, 1014 Pais Street, Bycull(W), Mumbai 400011, Ph	27/08/2018	12/12/2018	1

		No: (9122) 23008761/66, Email: design@sjkarchitect.com			
Internship	Linkage with Industries	SKBR Infrastructures, Rohan Shenoy, #3, Chandru Nivas, Ground Floor, 13th Main Road, Sadashivnagar, RMV Extension, Bangalore 560080, Ph No: 08048658334	27/08/2018	12/12/2018	2
Internship	Linkage with Industries	SLICeR Solutions Pvt. Ltd	01/02/2019	15/06/2019	2
Internship	Linkage with Industries	Smc Infrastructure Pvt Ltd., 101, SMC Square, Khopat, L.B.S Marg, Thane (W) 400601	04/03/2019	04/04/2019	1
Internship	Linkage with Industries	Solid state and structural chemistry unit, Indian Institute of science, Bangalore12	12/03/2019	15/05/2019	1
Internship	Linkage with Industries	Vi Solutions	09/07/2018	03/08/2018	3
Internship	Linkage with Industries	Vikram Structures Pvt. Ltd.(VSPL), #22, 5th 'A' Main road, Near Baptist Hospital, Hebbal, Bangalore24	14/03/2019	14/04/2019	4
Internship	Linkage with Industries	VIVARTTANA TECHNOLOGIES PVT. LTD.,	23/02/2019	18/04/2019	7

		Synerge II Workspace, 16th Main Rd, 4th T Block East, Pattabhirama Nagar, Jayanagar, Bengaluru,, Karnataka 560041			
Internship	Linkage with Industries	Vmware Airwatch, Prestige Sha ntiniketan The Business Precinct, 4Th Floor, Tower B, Whitefield Main Rd, Bengaluru, Karnataka 560048	30/01/2019	28/06/2019	3
Internship	Linkage with Industries	Volvo Buses India Pvt. Ltd	02/07/2018	14/08/2018	7
Internship	Linkage with Industries	Wipro General Electric Healthcare	28/06/2018	28/09/2018	1
Internship	Linkage with Industries	Karthik Agro Industries Pvt. Ltd. Bagalkot	25/06/2018	25/07/2018	1
Internship	Linkage with Industries	Keitai Technologies Pvt Ltd , Bengaluru	25/06/2018	25/07/2018	4
Internship	Linkage with Industries	Kenaraec Architects and Engineers Pvt. Ltd., Ajay Kumar Verma, #17/4, 3rd Floor, Veerashaiva Lingayath Bhavan, Ramana Maharshi Road, Sadash ivanagar Bangalore	01/02/2019	10/05/2019	7

		560080, Ph No: 91 8041512151, Email: kenar aec@gmail.co m			
Internship	Linkage with Industries	Kennametal Widia India Ltd	02/07/2018	01/08/2018	3
Internship	Linkage with Industries	Kham Archite cture, Chetan K S, 52 Tatana Mane Compound, 3rd Main, Chamarajpet, Bangalore 560018, Ph No: 9901303390, Email: khamd esign@gmail. com	30/07/2018	18/08/2018	1
Internship	Linkage with Industries	KLOC Technol ogies, Bangalore	30/07/2018	29/08/2018	2
Internship	Linkage with Industries	Knowx Innovations (p) Ltd, No 56 17th cross ,8th main, layout, MC Layout, Vijayanagar, Bengaluru, Karnataka 560040, Phone: 098860 94611	01/03/2018	30/03/2018	14
Internship	Linkage with Industries	Kochi Metro Rail Ltd., Kochi	01/08/2018	30/11/2018	1
Internship	Linkage with Industries	Komaghatta Bda Housing, Kumara Park West, T.Chowdaiah Road, Bengal uru560020	01/08/2018	30/11/2018	1
Internship	Linkage with Industries	KPIT technol ogies, Bangalore	02/07/2018	12/07/2018	5

Internship	Linkage with Industries	Kumar Swamy Architects, Sanchali Harsha, MF 2/8, BDA Buildings, Cambridge Layout, Bangalore 560008, Ph No:(080) 412 14283/636075 7772	09/07/2018	09/04/2019	1
Internship	Linkage with Industries	LT Construct ion, #19, 1srr 2nd floor, Kumara Krupa road, Bangalore01	23/08/2018	12/12/2018	1
Internship	Linkage with Industries	LT Technology Services	05/03/2019	05/04/2019	2
Internship	Linkage with Industries	Gito.Me Costprize Online India Pvt Ltd Legacy Building, No. 6/5 2Nd Floor, Convent Rd, Shanthala Nagar, Richmond Town, Bengaluru, Karnataka 560025	11/06/2018	23/08/2018	4
Internship	Linkage with Industries	Goldman sachs Services	16/06/2018	30/08/2018	1
Internship	Linkage with Industries	Govise Technologies	16/06/2018	30/08/2018	1
Internship	Linkage with Industries	Graphene Services Ptd Ltd. 9Th Main Road, 87/20, 9Th Cross Rd, Sadashiva Nagar, Armane Nagar, Bengaluru,	27/08/2018	22/12/2018	3

		Karnataka 560080			
Internship	Linkage with Industries	Grasshopper Design Pvt. Ltd, Bangalor e	02/07/2018	31/08/2018	2
Internship	Linkage with Industries	GRISH Associates, Ar. Grishmendr Sudev, No. 740, 4th Main, 1st Block, Geethanjali Layout, New Thippasandra Post, Bangalore 560075, Ph No: 91 080 41138658, Email: grish mendr@gmail. com/grishass ociates@gmai l.com/grish_ associates@y ahoo.co.in	26/06/2018	20/07/2018	1
Internship	Linkage with Industries	GTRE, Bangalore	22/06/2018	10/08/2018	4
Internship	Linkage with Industries	Gujarat Fuor ochemicals Limited, Bharuch, Gujarat.	23/08/2018	08/12/2018	1
Internship	Linkage with Industries	Guru clinical lab oratories, Madikeri.	12/06/2018	03/07/2018	1
Internship	Linkage with Industries	HO Equipments India A212, Shivalik, Malviya Nagar, New Delhi, Nct Of New Delhi 110017 HO Equipments India A212, Shivalik, Malviya Nagar, New Delhi, Nct Of New Delhi	12/06/2018	03/07/2018	1

		110017			
Internship	Linkage with Industries	HackerEarth	12/06/2018	03/07/2018	1
Internship	Linkage with Industries	HAL, Bangalore	24/06/2019	25/07/2019	10
Internship	Linkage with Industries	HappyMongo	02/02/2018	16/08/2018	1
Internship	Linkage with Industries	Hauwei Technnology pvt ltd	04/03/2019	15/06/2019	1
Internship	Linkage with Industries	HCCURCC Joint Venture, Hincon House, LBS Marg, Vikhroli (West), Mumbai400083	31/01/2019	15/07/2019	1
Internship	Linkage with Industries	Hcl Technologies Ltd (Completed) Hcl Technologies Ltd (Completed)	02/07/2018	28/07/2018	1
Internship	Linkage with Industries	Healthcare Global Enterprises	01/03/2019	30/04/2019	2
Internship	Linkage with Industries	Higherarchy Architecture Interiors, Abishk Reddi A, #1A, Krupa Residency, Old No 144, Rukmani Lakshmipathi Road, Egmore, Chennai 600008, Ph No: 98 411 24309, Email: abish ek@higherarc hy.in	11/02/2019	31/07/2019	1
Internship	Linkage with Industries	Hindustan Aeronautics LimitedAircr aft Research and Design	10/04/2019	10/08/2019	1

		Centre			
Internship	Linkage with Industries	HION	20/06/2019	13/09/2019	17
Internship	Linkage with Industries	HMD Architects, Mr. Hanoze Mistry, 101, Crescent Business Park, Samhita Industrial Complex, Behind Sakinaka Telephone Exchange, Off Andheri Kurla Road, Andheri (East), Mumbai 400072 Maharashtra, India. Ph No: 91 22 65251846, 91 22 28520380 / 285203	18/02/2019	01/04/2019	2
Internship	Linkage with Industries	Honeywell Technology Solutions Bhoganahalli Road, Doddakannelli, Bengaluru, Karnataka 560103	07/02/2019	05/08/2019	6
Internship	Linkage with Industries	Huawei Quesscorp Survey No.37, Next To, Epip Zone Whitefield Rd, Kundalahalli, Bengaluru, Karnataka 560037	11/02/2019	10/08/2019	7
Internship	Linkage with Industries	Hudsons Bay Services Pvt. Ltd.	11/02/2019	31/07/2019	1
Internship	Linkage with Industries	HydroLines, Bengaluru	11/02/2019	31/07/2019	4

Internship	Linkage with Industries	AB Automobiles	11/03/2018	28/06/2018	1
Internship	Linkage with Industries	Abb Global Industries And Services Private Limited, Block 1, Bhoruka Tech Park, Mahade vapura, Whitefield Main Road, Bangalore - 560 048. Board No. 080 67579950	12/06/2018	18/08/2018	6
Internship	Linkage with Industries	Mcafee Embassy Golf Links Business Park, Challa ghatta, Bengaluru, Karnataka 560071	30/01/2019	29/07/2019	11
Internship	Linkage with Industries	MedLink Technologies Pvt Ltd	30/01/2019	29/07/2019	1
Internship	Linkage with Industries	CYIENT, 1 Plot No 110A 110B, Hosur Rd, Electronics City Phase 1, Electronic City, Bengaluru, Karnataka 560100	20/06/2018	10/08/2018	3
Internship	Linkage with Industries	Dankuni Coal Complex, SECL, Coal India Limited, Plot NoAFIII ,Action Area1A, Newtown,Rajarhat ,Kolkata7001 56	02/07/2018	24/08/2018	1
Internship	Linkage with Industries	DARE(Defence Avionics Research Est	09/07/2018	09/08/2018	2

		abishment) Labs, DRDO			
Internship	Linkage with Industries	jio	28/01/2019	06/05/2019	1
Internship	Linkage with Industries	Indian Institution of Science Education and Research, Tirupati	01/06/2019	23/08/2019	1
Internship	Linkage with Industries	Indian Oil Corporation Limited, Gariahat Rd S, Dhakuria, Jodhpur Park, Kolkata, West Bengal 700068	05/03/2019	31/07/2019	1
Internship	Linkage with Industries	Xpio Technologies Pvt Ltd, 62/1, 3Rd Floor, 1St Cross Road, 2Nd Main Rd, Ganga Nagar, Bengaluru, Karnataka 560032	02/07/2018	04/08/2018	1
Internship	Linkage with Industries	XS Studio, Sucheth Palat, 64, 6th Main, Defence Colony, Indiranagar, Bangalore 560038, Ph No: 9742213796, Email: suche th@studioxs. in	30/01/2019	12/05/2019	1
Internship	Linkage with Industries	Yokogawa India Limited, Plot No.96, Electronic City Complex, Hosur Road, Electronics City Phase	25/06/2018	06/08/2018	1

		1, Electronic City, Bengaluru, Karnataka 560100 080 4158 6000			
Internship	Linkage with Industries	ZERO9 Design is Bounsless, Prashant Chauhan, 1/65, Om Heera Panna Mall, New Link Road, Oshiwara, Andheri West, Mubai 53 Ph No: 00 91.2242.6617 .09 Email: i nfo@zero9.in	30/01/2019	12/05/2019	1
Internship	Linkage with Industries	Zinios Information Technologies , Bangalore	13/02/2019	12/07/2019	3
Internship	Linkage with Industries	ZORAS INDIA, BANGALORE, Ph no: 9686595686, Email: info@ zoras.co.uk	01/07/2018	01/08/2018	1
Internship	Linkage with Industries	Space, G. Janarthanan, 748/35, Third Floor Gowtham Centre Annexe, Coimbatore 641018, Ph No: 2248281, Email: isarc hitects@hotm ail.com	27/08/2018	12/02/2019	2
Internship	Linkage with Industries	SPACELAB STUDIO, BANGALORE, Ph No:080 2351 4620	01/07/2018	01/08/2018	1
Internship	Linkage with Industries	SPACEMAST Architects, Chidanandamu rthy S, No. 57, 2nd	27/08/2018	12/12/2018	2

		Floor, 16th Cross, Near Chowdaiah Memorial Hall, G D Park Extension, Vyalikaval, Bangalore 560003, Ph No: 23362721 /9901962721, Email: space mast@gmail.com			
Internship	Linkage with Industries	Specs Consulting Civil Engineers, # 162, 1st Floor, Pearl Rachel, Opp Malleshwaram Ground, Margosa Road, Malleshwaram, Bangalore 560 003	13/03/2019	13/04/2019	4
Internship	Linkage with Industries	Sri Srinivasa Constructions India Pvt Ltd., Siva Shankara Nilayam, Opp. Shakti Nursing home, Talur road, Ballari 583103	15/02/2019	30/04/2019	1
Internship	Linkage with Industries	Starya Mobility, Pvt Ltd, Bangalore	16/07/2018	12/12/2018	4
Internship	Linkage with Industries	Studio 30, Architects Planners, Vivek Uttaiah, Unit 010, South Block, Raheja Chambers, 12 Musseum Road,	27/08/2018	22/02/2019	9

		Bangalore 560001, Ph No: 91802559 7676, Email: rana@studio3 0.in/vivek@s tudio30.in			
Internship	Linkage with Industries	Stylumia Intelligence Technology Pvt. Ltd. 3430, 3Rd Cross Rd, Stage 3, Indiranagar, Bengaluru, Karnataka 560038	25/02/2019	25/08/2019	1
Internship	Linkage with Industries	Subbaiah Design Associates, Subbaiah T S, No.14, Postal Colony, Sanjaynagar, Bangalore 560094, Ph No: 9845107901, Email: subba iah_t@yahoo. com	27/08/2018	12/12/2018	2
Internship	Linkage with Industries	Summer Internship Programme, IISc, Bengaluru	13/06/2018	14/07/2018	1
Internship	Linkage with Industries	Suvasthuk Architects, B K Muralidhar, No 17/2, 1st Floor, No 6, Opposite Chairmans Club, Kodige nahalli Main Road, Sahaka rnagar, Bangalore 560092 Ph No: 9480444666, Email: suvas thuk@gmail.c	27/08/2018	12/12/2018	3

		om			
Internship	Linkage with Industries	SVyasa University	02/07/2018	02/09/2018	3
Internship	Linkage with Industries	Symantec Software Solutions Pvt Ltd 10Th Floor, Rmz Ecoworld, Campus 8B Sarjapur, Marathalli Outer Ring Road, Devara beesanahalli Village, A Varthur Hobli, Bengaluru East Taluk, Bangalore 560103 Phone: 91 80 67540200	13/01/2019	30/06/2019	4
Internship	Linkage with Industries	Ninja Cart,B rookefield, Bengaluru, Karnataka 560066	06/07/2018	07/08/2018	1
Internship	Linkage with Industries	Nokia	05/02/2018	17/03/2018	1
Internship	Linkage with Industries	Ntwist Iiit Hyderabad, Dlf Building Opposite, Prof. Cr Rao Rd, Gachibowli, Hyderabad, Telangana, 500032 Ntwist Iiit Hyderabad, Dlf Building Opposite, Prof. Cr Rao Rd, Gachibowli, Hyderabad, Telangana	23/06/2018	25/08/2018	1
Internship	Linkage with Industries	NU Associates, Naveen Bhat, 1036, Shrinidhi Plaza, 2nd	20/02/2019	20/04/2019	2

		Floor, 14th C Main, Banashankari 2nd Stage, Bangalore 560070, Ph No: 91 80267 15301/08			
Internship	Linkage with Industries	Nuclei	30/01/2019	16/05/2019	1
Internship	Linkage with Industries	Nutanix, Nutanix, The Hub, Sarjapur Main Rd, Amba lipura, Bell andur, Bengal uru560103	04/02/2019	29/06/2019	1
Internship	Linkage with Industries	Nutrigien Agrotech Pvt Ltd, Pune	02/01/2019	05/07/2019	1
Internship	Linkage with Industries	NXP Semicond uctors India Pvt Ltd	23/06/2018	25/08/2018	1
Internship	Linkage with Industries	Cognizant, Near, Manyata Embassy Business park, F2 Building, Rachen, Outer Ring Rd, HBR Layout 4th Block, Nagavara, Bengaluru, Karnataka 560045	03/07/2018	10/08/2018	5
Internship	Linkage with Industries	Comviva Technologies Limited, Sy. No. 144, 12Th Floor, Rmz Galleria Office Building, Yelahanka, Bangalore 560064, Karnataka, India	02/02/2019	30/04/2019	3
Internship	Linkage with Industries	Amity University,	25/06/2018	24/07/2018	1

		Noida			
Internship	Linkage with Industries	Anivale Pvt Ltd, Bangalore	07/01/2019	25/05/2019	1
Internship	Linkage with Industries	Ansaldo STS, Bangalore	11/02/2019	12/07/2019	1
Internship	Linkage with Industries	APC Architects, Arunprasad C, D18, IV Floor, Golden Orchids Apartment, AB Block, Kasturba Road, Bangalore 560001, Ph No: 91 80 41146950/91 9886368481, Email: apc@pcarchitects.com	11/02/2019	12/07/2019	1
Internship	Linkage with Industries	Apsis Solutions	11/02/2019	12/07/2019	1
Internship	Linkage with Industries	AR Architects, Asif Ahmed P B, a R Architects Flat No 6B, Good Earth Reflections, Pulse Nagar Eroor North, Thripunithur a 682306, Email: arch_asif@rediffmail.com	11/02/2019	12/07/2019	1
Internship	Linkage with Industries	Archi Wing, S Hriday Siddarth, 102, Plot No 118, Behind CGR International School, Ranga Reddy, Serlingampally, Madhapur, Hyderabad 500081, Ph	10/01/2019	11/05/2019	1

		No: 91 9885823482, Email: www.a wstudio.co.i n			
Internship	Linkage with Industries	Architectura l Design Studio, Ar. Suman Saha, A102, Anantara Akansha, Lonkarwasti, Mundhwa, Pune 411036, Ph No:918408 942108	01/06/2019	22/08/2019	1
Internship	Linkage with Industries	ARM Embedded Technologies	12/06/2018	11/07/2018	2
Internship	Linkage with Industries	Arun Nalpat Architects, Kartik Surya Associate Ar chitect, Arun Nalapat, 121/2, Old Varthur Road, C V Raman Nagar P o, Bangalore 560093, Ph No: 91 80 25 247392/25247 326, Email: info@nalpata rchitects.co m	25/08/2018	10/12/2018	2
Internship	Linkage with Industries	AstraZeneca Pharma India Limited	25/08/2018	10/12/2018	1
Internship	Linkage with Industries	Atelier DARTS Architecture Pvt Ltd, Antony Kunnel George, No 11,GC Road, Ulsoor, Bangalore 560042, Ph No: 91804132 0202/2558194 748	02/01/2019	10/05/2019	3

Internship	Linkage with Industries	Athamas	04/02/2019	21/06/2019	1
Internship	Linkage with Industries	ATREE, Bangalore	02/01/2019	10/05/2019	1
Internship	Linkage with Industries	AUS Architecture, Mini Gopinath, 25, 80 Feet Road, HAL 3rd Stage, Indiranagar, Bangalore 560075, Ph No: 91 80 2528 4103/41 161794, Email: studio@ausarchitecture.com	25/08/2018	10/12/2018	1
View File					

3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Trestle Labs	27/10/2018	Internship to the students	11
IBM, India	17/10/2018	PG Diploma program	55
Toyota Kirloskar Motors Pvt. Ltd., Bidadi, Bangalore	02/11/2018	Setting up Engine lab in collaboration with TKM	7
UAS Associates, Bangalore	07/12/2018	Testing Engine Performance and Vibration characteristics by mixing MaxXX Mile (Fuel additive) with diesel	7
The Boeing company	31/10/2018	Characterization and Inspection of Thermoplastic composite materials	3
View File			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
3540.15	3883.96

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
View File	

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
LIBSYS	Fully	7 (Rel 3.0)	2007

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	96443	25653838	5404	3782800	101847	29436638
Reference Books	14680	3953568	1267	1246270	15947	5199838
e-Books	22129	4500912	1827	400000	23956	4900912
e-Journals	14295	800000	7886	150000	22181	950000
Digital Database	34	200000	12	50000	46	250000
Journals	52	127351	65	267315	117	394666
CD & Video	4500	0	500	0	5000	0
View File						

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
ARVIND KUMAR G	Web Design Technology	IMPARTUS	12/01/2019
Dr Ravikumar YS	Molecular Biology and Genetic Engineering	IMPARTUS	12/01/2019

Lokesh KN	Upstream and Downstream Process Technology	IMPARTUS	12/01/2019
Sagar J. S	Biochemical Engineering	IMPARTUS	12/01/2019
Dr. Ramasivakiran Reddy	Natural Gas Engineering Transportation	IMPARTUS	12/01/2019
Jagadeesha Kumar B G	Environmental Engineering	IMPARTUS	12/01/2019
Mourougane R	Design of Structural Steel Elements CV 61	IMPARTUS	12/01/2019
Dr. Mohana Kumar S	Microprocessors and Microcontrollers	IMPARTUS	12/01/2019
Veena G S	Microprocessors and Microcontrollers	IMPARTUS	12/01/2019
Annapurna P Patil	Software Engineering	IMPARTUS	12/01/2019
Sowmya B. J.	Software Engineering	IMPARTUS	12/01/2019
GURUNAYK NAYAK	Modern Control theory	IMPARTUS	12/01/2019
Chitra M	Digital Communication	IMPARTUS	12/01/2019
Dr. Shwetha Amit	Basic Electronics	IMPARTUS	12/01/2019
Ovhal Ajay Ashok	Advanced Control Systems	IMPARTUS	12/01/2019
P.R. DHEERAJ	INVENTORY MANAGEMENT	IMPARTUS	12/01/2019
M.R. SHIVAKUMAR	MECAHNICAL MEASUREMENTS METROLOGY	IMPARTUS	12/01/2019
Prashanth K M	Microprocessor	IMPARTUS	12/01/2019
Shashidhar H S	Object Oriented Analysis and Design Patterns using C/JAVA	IMPARTUS	12/01/2019
Dr. Girinatha Reddy	Engineering Mathematics II	IMPARTUS	12/01/2019
Mr. Nishanth R Acharya	Elements of Mechanical Engineering	IMPARTUS	12/01/2019
Gururaj Bharadwa	Robotics	IMPARTUS	12/01/2019
Girish V Kulkarni	Design of Machine Elements	IMPARTUS	12/01/2019
Y S KalyanChakravarthy	Engineering Mathematics	IMPARTUS	12/01/2019

Gokulakrishnan M	Bioreaction Engineering	IMPARTUS	22/08/2018
Sravanti Vaidya	Genomics, Proteomics and Bioinformatics	IMPARTUS	22/08/2018
Suresh Babu R	Engineering Mathematics III	IMPARTUS	22/08/2018
G M Madhu	Process Integration	IMPARTUS	22/08/2018
Mourougane R	Design of RC Elements	IMPARTUS	22/08/2018
Shilpa D N	Water Resources Engineering I	IMPARTUS	22/08/2018
Geetha Reddy	Discrete Mathematical Structures	IMPARTUS	22/08/2018
SrinidhiHiriyannaiah	Discrete Mathematical Structures	IMPARTUS	22/08/2018
CHANDRIKA PRASAD	Object Oriented Programming with C	IMPARTUS	22/08/2018
Chetan Shetty	Object Oriented Programming with C	IMPARTUS	22/08/2018
Pradeep Kumar D	Object Oriented Programming with C	IMPARTUS	22/08/2018
GURUNAYK NAYAK	Control Systems	IMPARTUS	22/08/2018
Lakshmi Shrinivasan	Analog Electronics Circuits A3	IMPARTUS	22/08/2018
ReshmaVerma	Digital Electronics Circuits	IMPARTUS	22/08/2018
Kavitha N	EIE Engineering Mathematics III	IMPARTUS	22/08/2018
J V Alamelu	EIE Industrial Process Systems	IMPARTUS	22/08/2018
Dr. M. S. Basavaraj	Engineering Mathematics I	IMPARTUS	22/08/2018
Seema Agarwal	Engineering Physics	IMPARTUS	22/08/2018
Dr. M. SHILPA	IEM APPLIED PROBABILITY STATISTICS	IMPARTUS	22/08/2018
Dr. M. Rajesh	IEM FACILITIES PLANNING DESIGN	IMPARTUS	22/08/2018
DR. MYDHILI K NAIR	ISE Data structures	IMPARTUS	22/08/2018
Deepthi K	ISE Data structures	IMPARTUS	22/08/2018
Lincy Mathews	ISE Data structures	IMPARTUS	22/08/2018
Prathima M N	ISE Discrete Mathematical Structures	IMPARTUS	22/08/2018

Vishwas D K	Manufacturing Process I	IMPARTUS	22/08/2018
Phaneesh K R	Material Science Metallurgy	IMPARTUS	22/08/2018
Uma Arun	Med Digital Design	IMPARTUS	22/08/2018
Y S KalyanChakravarthi	Med Engineering Mathematics 3	IMPARTUS	22/08/2018
SATISH TUNGA	Analog Circuit Design	IMPARTUS	22/08/2018
Dr. DINESH PA	Engineering Mathematics III	IMPARTUS	22/08/2018
View File			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	2875	42	200	2	0	85	2790	200	0
Added	225	0	480	0	0	10	215	480	0
Total	3100	42	680	2	0	95	3005	680	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

280 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Impartus: Leading Video Platform for Lecture Capture and Live Online Courses	https://a.impartus.com/

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
2514	2765	1027	1119

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website)

The institution has a total 126 classrooms, 103 laboratories, central library, 1 auditorium, 5 seminar halls, 4 board rooms, and playground. All the classrooms are equipped with Wifi and LCD. The optimal utilization is ensured through encouraging innovative teaching - learning practices. The available physical infrastructure is optimally utilized beyond regular college hours, to conduct certificate courses, cocurricular activities/extra curricular activities, proctor meetings, campus recruitment training classes, meetings,

seminars, conferences, etc. Each laboratory is equipped with sufficient number of required experimental setups. Every department has computer laboratories which are utilized for online examinations, aptitude tests, project development and competitions by students of all departments. E-facilities such as Moodle Server and Impartus are available. Moodle is a free and opensource learning management system (LMS) with customizable management features and is used to create online courses / tests for educators and trainers to achieve learning goals. Most of the departments have maintained their own Moodle Servers.

Impartus Lecture Capture Video The college has an equipped Lecture Capture System. This has been installed in 12 classrooms and used by 14 departments and a total of 120 courses have been recorded till date. Content captured are saved in the servers owned by the Institute. The entire campus is WiFi enabled with internet speed of 600 Mbps. A separate leased line internet connection of 280 Mbps is utilized for the wired network within the campus. Library consists of books, journals, Library Software (LIBSYS), ejournals, ebooks, etc. Central library works from 08 AM to 10.00 PM. Open access system available for good number of reference books and journals are the salient features of the central library. Esources are shared across departments whenever needed. The Library resources have been completely Bar Coded and automated using LIBSYS 7 (Rel.3) Integrated Library Package, which helps in Transactions, OPAC (Online Public Access of Catalogues) and reservation of Books, etc., for the users. Library provides a Technology Platform and Database of Plagiarism Checking Tool "Turnitin Web Tool", SCOPUS Database and "NetAnalytiksSententia" in support of R D activities of students and faculty. Digital Libraries that are setup in both Library and Information Centre 1 2. The faculty publications, project reports, question papers are uploaded on to the Digital Library server using Dspace Software and is accessible within the campus. Remote access to eresources is facilitated through the services of KNIMBUS Digital Library Platform with Remote Access Solution. "Local G", video content management software, is available and hosts around 23000 NPTEL courses on local server that are being streamed across the campus 24 x 7 uninterruptedly. Sports facilities for Basketball, Cricket, Tennis, Taekwondo, Football, Throw Ball, Badminton, Chess, Carom and Table Tennis, etc., are provided by the institute. Cash incentives are given for outstanding performance in sports. The fitness centre in the college is open to all faculty, staff, and students. It is well equipped with a multigym for general fitness and specific sports conditioning. A fitness instructor is available to train the staff and students of

<http://www.msrit.edu/facilities/internet.html>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Project Funding	111	153000
Financial Support from Other Sources			
a) National	Post Metric Scholarship	1533	42369700
b) International	Nil	0	0

[View File](#)

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Soft skill development	18/06/2018	1398	M S Ramaiah Institute of Technology
Remedial coaching	30/08/2018	100	M S Ramaiah Institute of Technology
Language lab	23/08/2018	1219	M S Ramaiah Institute of Technology
Bridge courses	13/11/2018	120	M S Ramaiah Institute of Technology
Personal Counselling	28/08/2018	612	M S Ramaiah Institute of Technology
View File			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	Soft skill development /Career counselling	1398	1398	1200	1200
View File					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Infosys and other	1584	1200	nil	0	0
View File					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of	Programme	Department	Name of	Name of
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	students enrolling into higher education	graduated from	graduated from	institution joined	programme admitted to
2018	1	B.E	Telecommunication Engineering	Andrew and Erna Viterbi school of engineering, USC of southern california	MS in Applied Data science
2018	1	B.E	Telecommunication Engineering	Stony Brook University	Master program in computer engineering
2018	1	B.E	Telecommunication Engineering	University at Buffalo school of Management	MS in management information system
2018	1	B.E	Telecommunication Engineering	University of Coloado Boulder	ME in engineering management
2018	1	B.E	Telecommunication Engineering	Georgia Institute of Technology	MS in Electrical and computer Engineering program
2018	1	B.E	Telecommunication Engineering	San Jose State University	MS
2018	1	B.E	Telecommunication Engineering	University of California	MS program in computer engineering
2018	1	B.E	Telecommunication Engineering	Technische Uniersitat Darmstadt	MS Information and communication
2018	1	B.E	Telecommunication Engineering	The graduate school	MS in information systems
2018	1	B.E	Telecommunication Engineering	Syracuse University	MS
2018	1	B.E	Telecommunication Engineering	McGill University	MA Music, Music Technology
2018	1	B.E	Electronics & Communication Engineering	University of Southern California, Davis	Master's Program in Automation and Electrical Engineering
2018	1	B.E	Electronics	Georgia Tech	MS-

			& Communication Engineering		Electrical and Computer Engineering
2018	1	B.E	Electronics & Communication Engineering	Colorado State University	MS- Electrical and Computer Engineering
2018	1	B.E	Electronics & Communication Engineering	Herbert Wertheim College of Engg. University of Florida	MS- Electrical and Computer Engineering
2018	1	B.E	Electronics & Communication Engineering	Norwegian University of Science and Technology	MS- Electrical and Computer Engineering
2018	1	B.E	Electronics & Communication Engineering	Arizona State University	MS- Electrical engineering
2018	1	B.E	Electronics & Communication Engineering	NC State University	MS- Electrical and Computer Engineering
2018	1	B.E	Electronics & Communication Engineering	University of Toronto	European Master Embedded computing systems (EMECS)
2018	1	B.E	Electronics & Communication Engineering	Rochester Institute of Technology	MS-Computer Engineering (Electrical Engineering)
2018	1	B.E	Electronics & Communication Engineering	KTH Royal Institute of Technology, Stockholm, Sweden	MS- Electrical engineering
2018	1	B.E	Electronics & Communication Engineering	University at Buffalo	Master of Engineering program in ECE
2018	1	B.E	Computer Science & Engineering	University of southern california	MS- Information and Network Engineering
2018	1	B.E	Computer	New Jersey	MS-

			Science & Engineering	Institute of Technology	Information and Network Engineering
2018	1	B.E	Computer Science & Engineering	Umass amherst	MS- Electrical and Computer Engineering
2018	1	B.E	Computer Science & Engineering	University of southern california	MSc in computer Science
2018	1	B.E	Computer Science & Engineering	University of southern california	MSc in information and computer Sciences
2018	1	B.E	Computer Science & Engineering	Notingham trent University	MSc in computer Science
2018	1	B.E	Computer Science & Engineering	Notingham trent University	MSc in computer Science
2018	1	B.E	Computer Science & Engineering	University of southern california	MSc in computer Science
2018	1	B.E	Computer Science Engineering	Northeastern University college of computer and Information science graguade school	MSc in computer Science
2018	1	B.E	Computer Science & Engineering	Purdue university	MSc in Data Science and Analytics
2018	1	B.E	Computer Science Engineering	Griffith University	Master of engineering project management advanced
2018	1	B.E	Computer Science & Engineering	San Diego State university	Master of engineering project management advanced
2018	1	B.E	Computer Science Engineering	San Diego State university	Master of engineering project management advanced
2018	1	B.E	Computer Science Engineering	Boston university	MSc in computer Science

2018	1	B.E	Computer Science & Engineering	Royal Holloway university of London	MSc in Data Science and Analytics
2018	1	B.E	Computer Science & Engineering	School of Graduate and Post Doctoral studies Western University	MDA Generalist
2018	1	B.E	Computer Science & Engineering	Arizona state university	MSc in computer Science
2018	1	B.E	Electronics & Instrumentation Engineering	IIM, Bangalore	MBA
2018	1	B.E	Electronics & Instrumentation Engineering	University of Waterloo, Canada	Meng- Electrical & Computer Engg.
2018	1	B.E	Information Science and Engineering	RICE University	MS-computer Science
2018	1	B.E	Information Science and Engineering	UMass Amherest	MS- Mechanical and Industrial Engineering
2018	1	B.E	Information Science and Engineering	The Ohio State University	MS
2018	1	B.E	Information Science and Engineering	University of Texas Dallas	MS
2018	1	B.E	Information Science and Engineering	Arizona State University	MS-computer science
2018	1	B.E	Information Science and Engineering	John Hopkins Whiting School of Engineering	MS-computer science
2018	1	B.E	Information Science and Engineering	Duke Pratt School of Engineering	Master of Engineering Management program
2018	1	B.E	Information Science and Engineering	USC University of Southern California	MS-computer science
2018	1	B.E	Mechanical	University	MS-

			Engineering	of Waterloo, Canada	Mechanical and Mechatronics Engineering
2018	1	B.E	Mechanical Engineering	Graduate Engineering School, France	MS-Project Management for Environm ental & energy engineering
2018	1	B.E	Biotechnolog y	UT Health San Antonio ,	PhD in Integrated Biomedical Sciences (IBMS) doctoral program,
2018	1	B.E	Biotechnolog y	Rutgers University	MBS in Food Sciences
2018	1	B.E	Biotechnolog y	Johns Hopkins Bloomberg School of Public Health	MHS in Biochemistry and Molecular Biology,
2018	1	B.E	Biotechnolog y	ETH Zurich	Ms in Health Sciences and Technology
2018	1	B.E	Biotechnolog y	University of Hamburg	Ms in Molecular Plant Science
2018	1	B.E	Biotechnolog y	Bonn University	MPH in Master of Public Health
2018	1	B.E	Biotechnolog y	The George Washington University	Ms in Molecular Life Science
2018	1	B.E	Biotechnolog y	University of Bern	HBX CORE program
2018	1	B.E	Biotechnolog y	Harvard Business School	MBA in Master of Engineering Management
2018	1	B.E	Biotechnolog y	University of Technology Sydney	Master of Business Adm inistration
2018	1	B.E	Biotechnolog y	IIT GUWAHATI	M.Tech in Bi otechnology
2018	1	B.E	Biotechnolog	Harvard	Master in

			y	Medical School	medical science
2018	1	B.E	Biotechnology	M S Ramaiah Institute of Technology	M.Tech in Biotechnology
2018	1	B.E	Biotechnology	M S Ramaiah Institute of Technology	MBA
2018	1	B.E	Biotechnology	University Evry site	MS in Systems & synthetic biology
2018	1	B.E	Electronics & Instrumentation Engineering	University of Dayton	MS-Engineering Management
2018	1	B.E	Industrial Engineering & Management	Penn State University	Industrial Engineering
2018	1	B.E	Industrial Engineering & Management	Illinois University	Industrial and Enterprise Engineering
2018	1	B.E	Industrial Engineering & Management	University of Liecester	Master of Engineering Management
2018	1	B.E	Industrial Engineering & Management	University of southern california	MS-Industrial & systems Engineering
2018	1	B.E	Information Science and Engineering	Indian Institute of Information Technology, Design and Manufacturing	Master of Design
2018	1	B.E	Electronics Communication Engineering	Stevens Institute of Technology	Engineering Management Program
2018	1	B.E	Electronics & Communication Engineering	Indian Institute of Management, Bangalore	MBA
2018	2	B.E	Electronics & Communication Engineering	University of Southern California	MS-Electrical Engineering
2018	1	B.E	Electronics & Communication Engineering	Aalto University School of Electrical	MS-Electrical Engineering

				Engineering, Finland	
2018	1	B.E	Biotechnology	Drexel University	MS in Biotechnology
2018	1	B.E	Biotechnology	University of Texas	MS in Molecular & cell biology
2018	1	B.E	Biotechnology	Vellore Institute of Technology	M.Tech in Biotechnology
2018	1	M.Tech	Biotechnology	Vishvesvaraya Technological University	Ph.D in Biotechnology
2018	1	B.E	Medical Electronics	Manipal University	ME in Medical Software
2018	1	B.E	Medical Electronics	UNSW Institute of Languages Sydney	MS in biomedical Engineering
2018	1	B.E	Medical Electronics	University of Texas, Dallas	MS in biomedical Engineering
2018	1	B.E	Medical Electronics	Alliance University	MBA
2018	1	MCA	MCA	University of Texas, Arlington	MS
2018	1	B.E	Electrical & Electronics Engineering	IIM Kashipur	MBA
2018	1	B.E	Electrical & Electronics Engineering	Purdue University , USA	M.S.
2018	1	B.E	Electrical & Electronics Engineering	University of Tennessee	M.S-Control Systems
2018	1	B.E	Chemical Engineering	Eindhoven, Netherland	MS in Chemical and Process Technology
2018	1	B.E	Chemical Engineering	IIT, Madras	M.Tech
2018	1	B.E	Chemical Engineering	Texas A&M Kingsville	MS in Chemical Engineering
2018	1	B.E	Chemical Engineering	UNSW, SYDNEY	MS in Chemical Process Engineering

2018	1	B.E	Chemical Engineering	Isipca Paris	MS (European Fragrance and Cosmetic)
2018	1	B.E	Chemical Engineering	School in Versailles, France	MS
2018	1	B.E	Chemical Engineering	Woxsen Campus, School of Business (PGDM)	Post Graduate Diploma in Management
2018	1	B.E	Chemical Engineering	Bits Pilani, Gandhinagar	M.E in Chemical Engineering
2018	1	B.E	Chemical Engineering	Indian Institute of Technology, Bombay	Ph.D programme in Chemical Engineering Dept.
2018	1	B.E	Chemical Engineering	Conell University	MS
2018	1	B.E	Chemical Engineering	University of Bologna	MS in Chemical & Process Engineering
2018	1	B.E	Telecommunication Engineering	Pratt Institute of School of Information	MS in Information Experience Design
2018	1	B.E	Telecommunication Engineering	Texas A&M University	MS in Computer Engineering
View File					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	2
GATE	19
GMAT	1
CAT	1
GRE	28
TOFEL	19
View File	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
ABHYUDAY 5.0	National	358
INSPRIT18	National	445

48th ANNUAL ATHLETIC MEET 20182019	National	1250
Engineers Day Celebrations	National	750
Independence Day Celebrations	National	2500
Yoga Day	National	1000
Teachers Day Celebrations	National	300
Republic Day Celebrations	National	1800
UDBHAV 19 MSRIT Annual Cultural Fest	National	4500
MSRIT Tech Fest	National	3400
Kannada Rajyothsava function	National	3750
MATHAMATICS QUIZ (20182019)	National	124
Ramaiah University Applied Sciences Women Basketball Tournament	National	200
Ramaiah University Applied Sciences Women Volleyball Tournament	National	245
2nd Inter GEF Institutions Athletic Meet2018	National	1350
20th Dr. M S Ramaiah Memorial Cricket Tournament 201718	National	1700
Intra Staff Competitions Cricket, Throw ball, Badminton, Table Tennis Carom (MW)	National	250
Intr a Staff Competitions Basketball, Volleyball, Tennis, Throw ball, Badminton, Table Tennis Caron (MW)	National	120
Intra Branch Competitions RPLxT20 Cricket Tournament2018	National	145
Sports Felicitation Program	National	600
M.S.Ramaiah Memorial Parliamentary Debate Tournament	National	300
Tedx MSRIT	National	1400
Shoutout 10.0	National	500
Ramaiah Football League	National	600

Men and Women Inter departmental tournament for students		
Ramaiah circket League Inter departmental tournament for students	National	180
Inter Dept. staff indoor sports competitions [Men women]	National	120
Annual sports Prize distribution and Felicitation to the Sports Achievers Program	National	700
13th Dr.M.S.Ramaiah Memorial Basketball Men Women tournament	National	450
48th Annual Athletic meet 201819	National	3400
21st Dr.M.S.Ramaiah Memorial Cricket tournament at Sri.MVIT grounds	National	600
ProKabaddi [Men Women Inter branch competition]	National	250
3rd Intral GEF Institutions Athletic Meet2019	National	600
Inter Branch Judo Wrestling Competitions for Students [Men Women]	National	100
Inter Branch Indoor and Outdoor Sports Competitions for students	National	850
Inter Dept. Staff Cricket and Throw ball competitions [Men Women]	National	185
View File		

5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Winners in Basket ball	National	57	7	Team	MSRIT
View File						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Institute provides opportunity to students to represent on academic and administrative bodies/committees. Every year, all the departments identifies two representatives from each semester preferably one boy and one girl. Principal meets all the representatives at least once in a semester after the first internals and discusses about the courses offered, teaching methodology and the evaluation process. Institute encourages number of activities that are hosting under the banner of different clubs/forums/professional societies. Throughout the year numerous activities are organized for students to trail their hobbies. To mention few, institute regularly sponsors students team to participate in SAE Aero design west, USA, UAV competition at Maryland and Bharath Formula Electric Karting competition. The students participate in the Faculty feedback every semester and institute feedback every year. All departments organize at least two guest lectures every semester delivered by the industrial experts and/or academicians from institutes of eminence which helps students to interact and expose themselves to stateoftheart research. In most of the departments, at least two students from the final year are invited for the BOS meeting to share their views on the curriculum and evaluation. Apart from this, student members are invited for the IQAC meeting. The students participate community services and extension activities through NSS, women cell and clubs. Every year, institute recognizes the best student from each programme and best outgoing student from the institute. MSRIT has also embarked gold medal for the rank holders from each programme.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The alumni association of MSRIT has served as a bridge in promoting interactions and fostering relationship among alumni, students, staff and management. There is a separate alumni portal (www.msritalumni.com) where alumni can interact through sharing information, messages, pictures, posting jobs etc. The portal also shares news of the activities in the institute. The portal has more than 14500 members and is mobile compatible with app Vaave available at Google Play store. Its chapters at Andhra Pradesh, Chennai, Cochin, Patna, Orissa and Dubai are organizing activities to bring MSRITians in their region closer. Current activities of the association are Scholarships to students: The association initiated Merit and Means scholarships, Shri Krishna P Godasi and GMW Aspire Foundation scholarships to support financially weaker and meritorious students Merit and Means Scholarship was initiated to financially assist the deserving students of MSRIT based on 80 of their merit and 20 of their means. The amount of scholarship per student is Rs 10000/. Every year about 40 to 50 students are awarded this scholarship. Shri Krishna P Godasi Scholarship –Shri Krishna P. Godasi Scholarship is instituted in the memory of Late Shri Krishna P. Godasi an alumnus by Soma Enterprises, to the students in any branch of engineering or architecture at M.S. Ramaiah Institute of Technology. The objective of this Scholarship is to grant full tuition fee for the entire B.E. / B.Arch course provided the students who meet the required criteria. Each year about 1011 lakhs are awarded to 2030 students. GMW Aspire foundation Scholarship MSRIT Alumni Association provides Scholarship of Rs. 1,00,000.00 (Rs. One Lakh Only) through GMW Aspire Foundation which is an initiative by our distinguished alumni Sri Jasbir Singh. Project Funding: This scheme was initiated to motivate our budding engineers to get into some good projects, by providing some financial assistance by the association. MSRIT AA funds an amount of Rs. 1.3 to 1.5 Lakh every year towards UG PG Student Projects. Awards Distinguished Alumni award Eminent alumni who are at the pinnacles of organization and have significantly contributed to the nation, to the society are recognized during annual alumni meet. Gold Medals Alumni have instituted gold medals in most of the departments. First rank holders are

awarded these gold medals during graduation day ceremony. Best Projects: Best Projects in both undergraduate and post graduates are awarded every year during farewell function. The award comprises of a trophy and a citation to each group member. Research Fellowship Scheme: MSRIT Alumni Association has instituted a research fellowship scheme for faculty doing quality research. This comprises of a monthly fellowship of Rs 5000/ and a contingency grant of Rs 10000/ annually. Bus Pass: Every year about 4050 deserving students are provided grant for bus pass facility. Library: The association has provided a book bank facility at institutes' library. Distinguished Alumni Talk Series: Distinguished Alumni Talk series was initiated as per the suggestions of Governing Body. Thirteen talks under this series has been delivered by eminent alumni. Alumni meet: The association facilitates batch

5.4.2 – No. of registered Alumni:

2031

5.4.3 – Alumni contribution during the year (in Rupees) :

1312160

5.4.4 – Meetings/activities organized by Alumni Association :

08 Meetings for the year 201819

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

M S Ramaiah Institute of Technology practice a culture of participative management, by involving faculty members in a number of administrative roles in various academic and nonacademic committees such as Governing body, Academic Council, Finance committee, Sports committee, Board of Studies, Board of Examiners, Welfare Association and many other decision making committees of the Institute. The Institute has established a decentralized structure for decision making where various committees interface their decisions with Institute committees. The administration is supervised by the Governing Body (GB) of the institution. The GB constitutes the Directors of the institution, eminent academicians, renowned industrialists, the Principal and few senior faculties. The GB meets twice in a year and reviews the progress/growth of the institution. The GB approves the Vision and Mission, strategic plan, establishment of new programs of study leading to degrees, plan for the infrastructure development of the institute. The GB reviews the implementation of the suggestions made, based on the activities conducted the targets and action plan will be revised to fulfil the Vision and Mission of the Institutions. Many of the senior faculties are the members of various Decision making committees such as Governing body, Academic Council, Finance committee, Grievance committees and others to implement monitor academic/administrative matters of the institution. The RD committee in the institution monitors the research activities and the faculty are encouraged/appreciated with the incentives for their research accomplishments. Participation of teachers in the decision making bodies of the institution Governing Body: Principal, VicePrincipal, Registrar(Academic), Controller of Examinations and 1 more senior faculties are the members Academic Council: Principal, VicePrincipal, Registrar(Academic), Controller of Examinations, All the Heads of the Departments and 2 more senior faculties are the members Finance Committee: Principal, VicePrincipal, Registrar (Academic) and one of the senior faculty are the members

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	Admission of students for undergraduate program is through CET, COMEDK and Management. Postgraduate student's admission is through PG CET and Management. Year by year intake ranking is improved and admission are 100 in all courses.
Industry Interaction / Collaboration	Memorandum of Understanding with following industries has been made with the following Institutions in last one year. 1. IDOC Med Solution 2. Shriram Institute for Industrial Research 3. Lucid Software Ltd 4. ACE Manufacturing System Ltd. 5. Elsevier. B. V 6. Maastricht University 7. Toyo University, Japan 8. University of Illinois, Chicago 9. M/s. AKOI 10. Goodwill Industries 11. Snam Alloys Pvt. Ltd 12. Samsung RD Institute India, Bangalore 13. SVYASA 14. Syrow, Bangalore A delegation from GEF had visited University of Illinois, University of Illinois Urbana Champ, Texas AM and University of Southern California for exchange of students for projects and higher education. Joint projects are initiated in collaboration with Boeing. Institution has received consultancy projects worth more than one crore from Centre for Airborne Systems, DRDO, HAL and BESCOM
Human Resource Management	Recruitment of faculty based on the specialization is made in all the department. Pedagogy training for the newly recruited faculty is conducted for Five days. More than 270 faculty have been deputed for national and International conferences, workshops and seminars. Two pedagogy programmes organised on outcome based education and assessment. Programmes on writing effective project proposals, IPR have been conducted by the Research and Development cell.
Library, ICT and Physical Infrastructure / Instrumentation	Additional 375 titles and 2000 volumes of books are added in the main library. Turnitin Plagiarism software is renewed and available. Internet speed enhanced from 300 MBPS to 400 MBPS. Additional

100 computers added in many laboratories across the institute. Many departments have procured new equipment and software based on the revised curriculum. Centralised data centre has been established. Equipment for Centre of Excellence in Imaging Technology is procured.

Research and Development

There are 16, Visvesvaraya Technological University recognised research centres in MSRIT. Currently, applied for approval for Architecture research centre also. Process of purchasing new equipment for Advanced manufacturing laboratory has initiated and placed order for few equipment. Full time research scholars are provided with 10000/ rupees stipend. Programmes on writing effective project proposals, IPR have been conducted by the Research and Development cell.

Examination and Evaluation

Internal exams for the revised credit batch internal tests are reduce form three to two and both are mandatory. Question wise marks entry in ESutra portal must be made to find the Course Outcome attainment. Rubrics based evaluation for project and seminar is compulsory and the same audited. Minimum of Internal marks 45 and 80 attendance is required to take makeup examination. Online entry of marks is ESutra is made compulsory to find attainment of course outcomes

Teaching and Learning

Apart from regular black board teaching for majority courses contents are made available in the form of power point. Lecture for more than 120 courses are available online for the students. Tutorial sheets for all analytical courses are provided for students well in advance. Students are asked enrol for MOOCS apart from the regular courses and weightage for the same is given in internals. Project based courses are introduced in Information technology related courses.

Curriculum Development

Based on the revised guidelines of AICTE and Visvesvaraya Technological University, total credits have been reduced to 175 from 200 for Undergraduate programmes, 88 credits from 100 credits for M. Tech programmes. Student must earn 100 activity points for social work during 4 years of Bachelor of Engineering

degree programme. Industrial visit is made mandatory for all the Undergraduate programs. Percentage change in the courses for many undergraduate programs vary from 10 to 15 because of change in the credits.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	No
Administration	Institution has online Grievance Redressal Mechanism. The students can submit their grievances through the portal. Link: http://www.msrit.edugrievance.com/
Finance and Accounts	The institution uses Tally software for Salary Calculation, Income Tax Calculation, Balance Sheet
Student Admission and Support	The institution has online/web based system for Student Admission, Registration to Higher semesters, Proctorial process
Examination	The institution has online/web based system for Internal and Semester End Exam marks entry, Valuation process, Results, Marks/ Grade details

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Loksha, AP, ME	Symposium on 2nd Cyber Physical Systems	Not Applicable	1500
2018	Dr. Parimala P, AP, TCE	Symposium on 2nd Cyber Physical Systems	Not Applicable	3000
2019	Mrs. Kusumika Krori Dutta, AP, EEE	9th International Conference on Cloud Computing, Data Science Engineering" held at AMITY University, Noida, UP	Not Applicable	14150
2018	Mrs. Aruna	International	Not Applicable	3500

	Gopal, System Analyst, COA	Seminar on "Between The Lines"		
2018	Dr. C S Chethan Kumar, ASP, IEM	XXII Annual International Conference of the Society of Operations Management (SOM 2018) held at IIM Kozhikode	Not Applicable	13200
2018	Sri. Sudheer D Kulkarni, AP, IEM	2nd International Conference on Polymer Composites - 2018 held at NITK Surathkal	Not Applicable	8967
2018	Mrs. N Srilatha, AP, Civil	Indian Geotechnical Conference - 2018 held at IISc, Bangalore	Not Applicable	7000
2018	Dr Nagesh S N, AP, ME	International Conference on Recent Advances in Fluid and Thermal Sciences (iCRAFT2018) held at BITS Pilani, Dubai	Not Applicable	26072
2018	Dr Jyothilakshmi R AP Mechanical	8th International Conference on "Sustainable Waste Management" held at Acharya Nagarjuna University, Guntur, AP	Not Applicable	12941
2018	M Shilpa, ASP, IEM	International Conference on Recent Advances in Materials and Manufacturing Technologies held at Marri Laxman Reddy ITM Hyderabad	Not Applicable	12717
2018	Mrs Suguna Rao, AP, Civil Engg.	International Conference on Innovations in	Not Applicable	3000

		Concrete, ICIWC 2018 held at Nimhands Convention Centre, Bangalore		
2018	Mrs. Lavanya Vikram, ASP, SOA	International Conference on Architecture, Built Environment Urban Planning 2018 held at IMRF, Vijayawada	Not Applicable	6601
2018	Dr. Prakrathi S, AP, ME	National Conference on Processing of Materials (NCOPO18) held at NITK, Surathkal	Not Applicable	3565
2018	Dr. Annapurna P Patil, Professor, CSE	Indosys Symposium on Computer Systems held at IIT, Hyderabad	Not Applicable	6185
2018	Mrs. Sanjeetha R, AP, CSE	Indosys Symposium on Computer Systems held at IIT, Hyderabad	Not Applicable	4100
2018	Mrs. Geetha J, AP CSE	Indosys Symposium on Computer Systems held at IIT, Hyderabad	Not Applicable	5100
2018	Sri. Pradeep Kumar D, AP, CSE	Indosys Symposium on Computer Systems held at IIT, Hyderabad	Not Applicable	5100
2018	Dr. Rajeswari M Kulkarni, AP, CHE	International Conference on Sustainable Water Resources: Innovations and Impacts, held at VIT Vellore	Not Applicable	4881
2018	Dr. B. P Hari Chandra, ASP, ME	21st International Conference on Advances in	Not Applicable	50000

		Materials and Processing Technologies held at Dublin City University, Dublin, Ireland		
2018	Dr J Sumalatha, ASP, Civil Engg.	International Conference on Trends and Recent Advances in Civil Engineering (TRACE2018) held at Amity University, Noida	Not Applicable	11552
2018	Mrs. Geetanjali R, TA, MCA	International Conference on Science, Engineering Technology ICSET held at Colombo, Srilanka	Not Applicable	28257
2018	Sri. Vaijanath Babashetti, AP, MBA	3rd International Conference on Financial Markets and Corporate Finance (ICFMCF) held at IIT Kanpur	Not Applicable	11133
2019	Dr M Mrunalini	Workshop on Deep Learning for Big Data and Cyber Security Applications	Not Applicable	6720
2019	Dr Suresh Babu R	FDP on Training Faculty Development in Advanced Mathematics (TFDAM 2019) held at Manipal Academy of Higher Education	Not Applicable	9346
2019	Sri Chethan Venkatesh	Workshop on "Deep Learning for Big Data and Cyber Security Applications	Not Applicable	7060

2019	Mrs Geethanjali R	Participated International Congregation on Gender Diversity held at Dhaka University, Bangladesh	Not Applicable	17044
2019	Ramya H R	Short Term Course on A Comprehensive Introduction to IOT Design held at IIT,Bombay	Not Applicable	3400
2019	Dr Shobha K R	Workshop on Deep Learning for Big data and Cyber Security Applications held at NITK Surathkal	Not Applicable	7440
2019	Dr Umesh Raddy	FDP on Implementation of OBE in Higher Education Institutions held at SIT Tumkuru	Not Applicable	3223
2019	S J Krishnaprasad	Shorterm Summer School on Optics and Applied Photonics held at IISc, Bangalore	Not Applicable	5600
2019	Dr Parimala	FDP on Wireless Networks A Smart City Perspective held at BMSCE, Bangalore	Not Applicable	2000
2019	Dr Shivaprasad Yadav	FDP on Wireless Networks A Smart City Perspective held at BMSCE, Bangalore	Not Applicable	2000
2019	Nisha SL	FDP on Wireless Networks A Smart City Perspective held at BMSCE, Bangalore	Not Applicable	2000

2019	Mrs Kusuma S M	FDP on Wireless Networks A Smart City Perspective held at BMSCE, Bangalore	Not Applicable	2000
2019	Mrs Uma Arun	Workshop on Research Methodology organized by VTU CPGS, Muddenahalli,	Not Applicable	6000
2019	Mr. Pavan Kumar M V	FDP on Thermal Engineering and its applications held at KLE IT, Hubballi	Not Applicable	2790
2019	Ovhal Ajay Ashok	Workshop on Industrial Process Automation (IA2019) held at NIT, Tiruchirapalli	Not Applicable	11184
2019	MD Nandeesh	Workshop on Hands on PracticeWriting Technical Research Articles and Report held at NIT Warangal	Not Applicable	7555
2019	Dr Jyothirmayi M	Symposium on Cyber Physical System (CyPhySS2019) held at IISc, Bangalore	Not Applicable	3000
2019	Dr A Saravanan	Workshop on Process Optimization and Control held at NIT, Tiruchy	Not Applicable	3926
2019	Dr H S Niranjanmurthy	Workshop on Fabrication of Optoelectronic Devices and SensorsHands on Experience held at NIT, Warangal	Not Applicable	7480
2019	Mrs Pushpalatha	Workshop on	Not Applicable	6478

	M N	Deep Learning for Big data and Cyber Security Applications held at NITK Surathkal		
2019	Shruthi G	Workshop on Research Methodology sponsored by VTU organized by Don Bosco IT, Bangalore	Not Applicable	2000
2019	Sandeep BL	Shorterm Program on Applications of Data Mining and Deep Learning Techniques in Multidisciplinary Area held at NITK Surathkal	Not Applicable	4000
2019	Mrs. Naidila Sadahiv	Summer School on Deep Learning held at NITK, Surathkal	Not Applicable	5500
2019	Dr M Rajesh	Workshop titled on 3D Printing held at AJIET, Mangalore	Not Applicable	4309
2019	Dr C S Chethan Kumar V Chakrasali	One Day CII event on Entrepreneurship conclave held at Taj Residency, Bangalore	Not Applicable	3999
2019	Dr C G Raghavendra	FDP on Machine Learning Applications in Signal Processing held at NIT, Warangal	Not Applicable	6116
2019	Dr Pradeepkumar Dixit	OneDay ABET Accreditation Seminar at International Centre, Goa	Not Applicable	3000
2019	G Sudhakar Tushar S	SDP on Windows 2012 Server and Linux Administration	Not Applicable	600

		held at SJBIT, Bangalore		
2019	Ramakrishna Murthy	FDP on Characterization of Materials by Advanced Analytical Techniques SJCE Mysore	Not Applicable	3375
2019	Vinayaka V Rao	FDP on Characterization of Materials by Advanced Analytical Techniques SJCE Mysore	Not Applicable	3375
2019	Archana Diwakar	Workshop on Emerging Power Conversion Techniques and Challenges NIT, Tiruchirapalli	Not Applicable	7285
2019	Dr Shobha R	Workshop on Topology Optimization and Additive Manufacturing held at IIT, BHU	Not Applicable	22170
2019	Dr Annapurna P Patil	Workshop on Deep Learning for Big data and Cyber Security Applications held at NITK Surathkal	Not Applicable	7440
2019	Prabha Ravi	Workshop on Effective Teaching IIT Guwahati	Not Applicable	12210
2019	Mahendra S J	FDP on Geometry Imaging and Parallel Computing for Cancer Treatment held at NIT, Calicut	Not Applicable	5190
2019	Dr Basavaraj Hiremath	FDP on Machine Learning Applications in Signal Processing held at NIT, Warangal	Not Applicable	6478

2019	Dr Mohandas K N	Workshop titled on 3D printing held at AJIET, Mangalore	Not Applicable	4309
2019	Pradeep Kumar K V	QIP Short term Course on Fracture, Fatigue and Failure of Materials held IIT, Kharagpur	Not Applicable	600
2019	Rajendra P	International Conference on Advanced Materials, ICAM2019 held at Nirmalagiri College, Kannur	Not Applicable	8019
2019	Dr. Jyothi Lakshmi	Workshop on Topology Optimization and Additive Manufacturing held at IIT, BHU	Not Applicable	18810
2018	Sri. Lokesha, AP, ME	Workshop on "Train the Trainer Program in Manufacturing Process Simulation"	Not Applicable	599
2018	Dr. Raghuram S ASP, ECE	4th Summit on Accreditation (WOSA)	Not Applicable	31372
2018	Dr. Mohandas K N ASP, ME	4th Summit on Accreditation (WOSA)	Not Applicable	31028
2018	Dr Shobha R, ASP, IEM	Wecon 2018	Not Applicable	2500
2018	Dr Jyothi Lakshmi R, AP ME	Wecon 2018	Not Applicable	2500
2018	Dr. Padmalini, AP, MBA	Workshop on "Digital Unlocked - an Initiative by Google"	Not Applicable	1500
2018	Surekha Ramineni, ASP, SOA	Workshop on "Shifing Terrain"	Not Applicable	1600
2018	Rajshekhar Rao, Professor, SOA	Workshop on "Shifing	Not Applicable	1600

		Terrain"		
2018	Dr Rajeswari M Kulkarni, AP, CH	GIAN Course on "Bioremediation for environment sustainability"	Not Applicable	5600
2018	Mrs. Bijayalakshmi Das, AP, ME	Workshop on "Research Methodology"	Not Applicable	6000
2018	Mr Pradeep Kumar V, AP, ME	Workshop on "Research Methodology"	Not Applicable	6000
2018	Mrs. Punya Prabha V AP, ECE	Workshop on "Research Methodology"	Not Applicable	6000
2018	Dr V Anandi, ASP, ECE	FDP on "Digital VLSI Testing"	Not Applicable	800
2018	Dr M K Pushpa, ASP, EIE	QIP Short Term Course on "Medical Image Computing: Machine Learning Methods and Advanced MRI Applications"	Not Applicable	4425
2018	Mrs. Elavaar Kuzhali. S, AP, EIE	QIP Short Term Course on "Medical Image Computing: Machine Learning Methods and Advanced MRI Applications"	Not Applicable	3475
2018	Sri Nandeesh M S	Workshop on "Advance Training on ANSYS"	Not Applicable	800
2018	Mrs. Kusuma S M, AP, TCE	Induction Program on "Data Science and Classification practicing with Python and Matlab	Not Applicable	1591
2018	Ms. Shilpa D N AP, Civil Engg.	Workshop on "Training on NatureBased Solutions for Water and Waste Management"	Not Applicable	4670
2019	Dr Premila	International	Not Applicable	3340

	Swamy	Conference on Commonwealth Literature at Osmania University Hyderabad		
2018	S Ram Prasad	International Seminar on Emerging Trends in Mathematics	Not Applicable	4500
2019	Y S Kalyan Chakravarthy	International Conference on Innovations and Challenges in Science and Technology (ICICST2018)	Not Applicable	1200
2019	Mrs Kavitha N	International Conference on Emerging Trends in Computational Fluid Dynamics (ICETCFD2019) at Christ University, Bangalore	Not Applicable	2000
2019	Sri Aruna A S	International Conference on Emerging Trends in Computational Fluid Dynamics (ICETCFD2019) at Christ University, Bangalore	Not Applicable	2500
2019	Sri Vijaya Kumar	International Conference on Emerging Trends in Computational Fluid Dynamics (ICETCFD2019) at Christ University, Bangalore	Not Applicable	2000
2019	Dr Swetha Amit	12th Annual International Conference (Antenna Test and Measurement Society) held at Hablis Hotel, Chennai	Not Applicable	9440

2019	M D Nandeesh	2nd International Conference on Intelligent Computing, Instrumentation and Control Technologies held at VJEC, Kannur	Not Applicable	7310
2019	Dr Umesh Raddy	IEEE International Conference on Electronics, Information, Communication and Technology held at SVCE, Bangalore	Not Applicable	7000
2019	Ovhal Ajay Ashok	5th International Conference for Convergence in Technology(12CT) 2019 at IEEE , Bombay Section, Pune	Not Applicable	11160
2019	Sri Nandeesh M S	International Engineering Symposium (IES2019) Kumamoto University, Japan	Not Applicable	25600
2019	Mrs. Aruna Gopal, System Analyst, COA	International Seminar on "Between The Lines"	Not Applicable	3500
2019	Mrs Lavanya Vikram	13th ISOLA Conference on Reimagining Landscapes, Identity, Approach, Stewardship at ISOLA, at Kochi	Not Applicable	10310
2019	Mrs Surekha Ramineni	13th ISOLA Conference on Reimagining Landscapes, Identity, Approach, Stewardship at ISOLA, at Kochi	Not Applicable	10310
2018	Dr Seema S,	9th	Not Applicable	3000

	Professor, CSE	International Conference on Computing, Communication and Networking Technologies ICCCNT2018 held at IISc, Bangalore		
2018	Dr Monica R Mundada, ASP, CSE	9th International Conference on Computing, Communication and Networking Technologies ICCCNT2018 held at IISc, Bangalore	Not Applicable	3000
2018	Dr V Anandi, ASP, ECE	Symposium on 2nd Cyber Physical Systems	Not Applicable	3000
2018	Dr S Sethu Selvi, HOD, ECE	Symposium on 2nd Cyber Physical Systems	Not Applicable	3000
2018	Dr Jyothirmayi M, HOD, EIE	Symposium on 2nd Cyber Physical Systems	Not Applicable	3000
2018	Gururaj Bharadwaj, AP, ME	Symposium on 2nd Cyber Physical Systems	Not Applicable	3000
2019	Sri Basavanagowda G M	GIAN Course on Seismic Soil Pile Interaction held at NIT, Tirchy	Not Applicable	4545
2019	Dr M R Shivakumar	FDP on Implementation of Outcome based education in higher education institutions held at SIT, Tumkur	Not Applicable	3301
2019	Dr Harish N	OneDay ABET Accreditation Seminar at International Centre, Goa	Not Applicable	3000

2019	Dr G M Madhu	OneDay ABET Accreditation Seminar at International Centre, Goa	Not Applicable	3000
2019	Dr Prabha M	Workshop on Statistical Methods in Medical Research and Introduction to SPSS held at NIMHANS, Bangalore	Not Applicable	4000
2019	Priyadarshini Dey	Workshop on Statistical Methods in Medical Research and Introduction to SPSS held at NIMHANS, Bangalore	Not Applicable	4000
2019	Krishna Murthy T P	GIAN Course on GPU Computing in Computational Biology at Discipline of Biosciences and Biomedical Engineering(BSBE) held at IIT, Indore	Not Applicable	7245
2019	Mrs. Apoorva Lakshmi R	Workshop on Documentation Beyond at SCMS, Cochin, Kerala	Not Applicable	7300
2018	Sri Victor George, AP, EEE	International Workshop on "Recent Trends in Power Systems"	Not Applicable	4720
2018	Dr Likith Kumar M V, AP, EEE	International Workshop on "Recent Trends in Power Systems"	Not Applicable	4720
2018	Dr N Sriraam, HOD, MLE	4th WHO Global Forum on Medical Devices	Not Applicable	17692
2018	Dr N Sriraam, HOD, MLE	Living Hub eHealth Bengaluru Tech	Not Applicable	3540

		Summit		
2019	Sri Prashanth Sunagar	International Conference on Emerging Technologies for Sustainability (AICERA 2019) held at Amal Jyothi College of Engg. Kerala	Not Applicable	7400
2018	Dr. Jaya Christiyen K G, AP, ME	Workshop on Laser Additive Manufacturing and Allied Technologies	Not Applicable	7822
2018	Rajendra P, AP, ME	Workshop on "Train the Trainer Program in Manufacturing Process Simulation"	Not Applicable	599
2018	Gururaj A Bharadwaj, AP, ME	Workshop on "Train the Trainer Program in Manufacturing Process Simulation"	Not Applicable	599
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6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	National Seminar On "Cyber AgeCrimes Against Women And Legal Protection Measures" Sponsored By National Commission For Women, New Delhi	NA	22/03/2019	23/03/2019	13	0

2019	National Seminar on "Green Economy And Sustainable Development: Challenges And Issues "	NA	07/06/2019	08/06/2019	14	0
2019	Faculty Development Programme on "Industrial Disruptions and Management Education"	NA	29/07/2019	03/08/2019	14	0
2019	1 Week FDP on Predictive Analytics with AWS	1 Week FDP on Predictive Analytics with AWS	15/07/2019	20/07/2019	32	2
2018	One Week FDP on Fundamentals of Materials Science for Research Scholars	NA	30/07/2018	04/08/2018	54	0
2019	Workshop on How to write quality research publications	NA	21/02/2019	22/02/2019	54	0
2019	Workshop on How to write quality research proposals	NA	23/02/2019	23/02/2019	30	0
2019	Foundation course on Image Processing	NA	11/03/2019	12/03/2019	31	0
2019	Workshop on How to write a research papers	NA	28/06/2019	28/06/2019	15	0

2018	RF Circuits and Systems	NA	23/07/2018	28/07/2018	45	0
2019	Image fusion and multi -modal imaging: F undamental s to Advanced	NA	15/07/2019	20/07/2019	60	0
2019	RPA (Robotic Process Au tomation)D esign Deve lopment	NA	15/03/2019	15/03/2019	30	0
2019	Role of Blockchain and Artificial Intelligen ce in Cyber Security	NA	22/07/2019	26/07/2019	60	0
2019	Smart Class Room Tools (Bodhi tree, SAFE, EvalPro)	Smart Class Room Tools(Bodh i tree, SAFE, EvalPro)	22/07/2019	24/07/2019	55	7
2019	Current trends in service oriented A rchitectur e	NA	08/07/2019	13/07/2019	60	0
2019	WSN and IOT Workshop	NA	05/03/2019	06/03/2019	42	0
2019	SAP HANA Cloud Platform Workshop	NA	11/04/2019	11/04/2019	42	0
2019	Programme on DevOps	NA	21/01/2019	25/01/2019	50	0
2019	Handson session on Prior Art Search	NA	06/07/2019	06/07/2019	32	0
2019	Summer	NA	08/07/2019	13/07/2019	25	0

	School on Deep Learning for Engineering applications using Python					
2019	Image Fusion and multimodal imaging : Fundamentals to Advanced	NA	15/07/2019	20/07/2019	64	0
2019	Faculty Development Programme (FDP) on Advanced Materials for Science and Engineering (AMSE2019)	NA	28/01/2019	02/02/2019	44	0
2019	SCOPE AND SIGNIFICANCE OF MATERIALS SCIENCE FOR INDUSTRIAL ACADEMIA COLLABORATION (SSMSIAC2019)	NA	29/08/2019	03/09/2019	35	0
2018	Millimeter (mm) Wave MIMO and Filter Bank Multi Carrier (FBMC) Technologies for 5G Networks with Capstone Project	NA	25/07/2018	28/07/2018	120	0
2018	Network Simulation (NS3) and Next Generation Mobile Networks	NA	23/07/2018	28/07/2018	50	0

2018	RF Circuits and Systems	NA	23/07/2018	28/07/2018	30	0
2018	Building Learning Machines	NA	16/07/2018	21/07/2018	30	0
2019	Image fusion and Multimodal Imaging Fundamentals to Advanced	NA	15/07/2019	20/07/2019	50	0
2019	Workshop on HVDC Transmission Systems Recent Trends	NA	21/03/2019	23/03/2019	50	0
2019	Workshop on Connecting Lab VIEW to Industrial IoT (IIoT) A handson approach	NA	28/01/2019	01/02/2019	40	0
2018	Advanced DSP Applications Using TMS320C6713	NA	30/07/2018	04/08/2018	26	0
2019	Connecting LabVIEW to Industrial IoT A Handson Approach	NA	28/01/2019	01/02/2019	48	0
2019	Quality 4.0 A strategy for product and service excellence	NA	15/07/2019	27/07/2019	30	0
2019	Workshop on iOS Development using SWIFT	NA	30/03/2019	31/03/2019	60	0
2019	Blockchain	NA	28/01/2019	02/02/2019	40	0

	Application Development using Hyperledger					
2019	Design Thinking	NA	12/04/2019	12/04/2019	60	0
2019	Workshop on iOS Development using SWIFT	NA	30/03/2019	31/03/2019	60	0
2018	Architectural Democracy	NA	29/09/2018	02/10/2018	30	0
2019	Paper Engineering	NA	27/02/2019	27/02/2019	20	0
2019	Design Trends In Highrise Structures	NA	29/07/2019	02/08/2019	25	0
2019	Recent Advances in Nutraceuticals functional foods	NA	28/01/2019	02/02/2019	70	0
2019	2D 3D cell culture models and their applications	NA	17/06/2019	22/06/2019	59	0
2019	Workshop on How to write a research papers	NA	29/06/2019	29/06/2019	12	0
2019	Workshop on How to write a research papers	NA	22/07/2019	22/07/2019	18	0
2018	Building Learning Machines	NA	16/07/2018	21/07/2018	50	0
2019	2D and 3D models of Cell Culture and their Applications	NA	17/06/2019	22/06/2019	21	0
2019	Recent	NA	28/01/2019	02/02/2019	70	0

	Advances in Nutraceuticals and Functional Foods					
2018	One week FDP on Chemical Process Safety	NA	06/08/2018	11/08/2018	16	0
2018	3rd International conferences on Recent advances in Engineering Sciences	NA	26/09/2018	27/09/2018	84	0
2019	Six days faculty development programme on Recent trends in utilization of waste materials in construction industries and its impact	NA	22/07/2019	27/07/2019	79	0
2019	RPA (Robotic Process Automation) Design Development	NA	15/03/2019	15/03/2019	30	0
2019	Blockchain Application Development using Hyperledger	NA	28/01/2019	02/02/2019	40	0
2019	Design Thinking	NA	12/04/2019	12/04/2019	60	0
2018	Computational Tools for Engineering Applications	NA	16/01/2018	21/01/2018	67	0
2018	Application of Mathematical	NA	30/07/2018	04/08/2018	60	0

	Tools for Engineering Problems					
2019	Emerging Trends in Mathematics and Its Applications	NA	28/01/2019	02/02/2019	76	0
2018	Changing Paradigms in Management Research	NA	01/01/2018	06/01/2018	14	0
2018	Building competencies for personal and organizational excellence	NA	30/07/2018	04/08/2018	13	0
2018	Workshop On Financial Literacy For Investment In Stock Market	NA	05/07/2018	05/07/2018	13	0
2019	National Conference On "New Directions In Indian Foreign Policy: People, Politics, Places And Economic Power" Sponsored By ICWA, New Delhi	NA	04/01/2019	05/01/2019	13	0

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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Three days FDP on Rejuvenating Faculty for	1	23/01/2019	25/01/2019	5

career excellence				
Summer School in Optics and Photonics	1	17/06/2019	21/06/2019	5
Workshop on "WSN IOT"	1	05/03/2019	06/03/2019	2
one week FDP on network data analytics	1	01/07/2019	05/07/2019	5
One day FDP on PYTHON Programming	2	22/06/2019	22/06/2019	1
The Hague India Cyber Security Summer School	1	02/06/2019	07/06/2019	6
Implementation of OBE in Higher Educational Institutions	1	08/07/2019	12/07/2019	5
Machine learning for sensor Data Analytics	3	29/07/2019	03/08/2019	6
A comprehensive study to IoT Design	2	15/07/2019	19/07/2019	5
One week FDP on "Wireless Networks A smart city Perspective"	4	17/06/2019	21/06/2019	5
One Week MATLAB Project Course on 5G Wireless Technologies: Massive MIMO, mmWave, NOMA, Full Duplex, OFDM/FBMC, NBIIoT	3	08/07/2019	14/07/2019	7
Smart Classroom tools	7	22/07/2019	24/07/2019	3
Image fusion and multi-modal imaging: Fundamentals to Advanced	6	15/07/2019	20/07/2019	6
one week faculty development	6	30/07/2018	04/08/2018	6

programme on "advanced DSP applications using tms320c67 13/6748" ,by department of electronics and instrumentation engineering, RIT.				
one week faculty development programme onrf circuits and microwave systems" by department of TCE, ECE, MSRIT, bangalore.	14	23/07/2018	28/07/2018	6
FDP on Advanced Materials for Science and Engineering	7	28/01/2019	01/02/2019	6
Advanced DSP applications using TMS320C67 13/6748	12	30/07/2018	04/08/2018	6
Fundamentals of Material Science for Research Scholars	20	30/07/2018	04/08/2018	6
Best practices for deploying AWS Architecture	1	18/06/2019	18/06/2019	1
DevOps	1	21/01/2019	25/01/2019	5
Intellectual Property Rights	1	28/01/2019	29/01/2019	2
IEEE 3rd International Conference on Trends in Electronics and Informatics (ICOEI 2019)	1	23/04/2019	25/04/2019	3
AICTE Sponsored QIPShort Term course on "High Performance Computing and Data	1	24/06/2019	29/06/2019	6

Engineering"				
AICTEVTU joint Training Programme on Machine Learning and Deep Learning with Python Programming	1	22/07/2019	26/07/2019	5
1week FDP on Blockchain Application Development using Hyperledger	12	28/01/2019	02/02/2019	6
3rd National Seminar on New Methodology of Assessment Accreditation by NAACIssues and Challenges	1	11/04/2019	11/04/2019	1
High Performance Computing and Data Engineering	1	24/06/2019	29/06/2019	6
The Hague India Cyber Security Summer School	1	02/06/2019	07/06/2019	6
1 week FDP on Predictive Analytics with Amazon Web Services	12	15/07/2019	20/07/2019	6
Current Trends in Service Oriented Architecture	10	08/07/2019	13/07/2019	6
Role of Blockchain and Artificial Intelligence in Applications of Cyber Security	10	22/07/2019	26/07/2019	5
Building competencies for personal and organizational excellence	13	30/07/2018	04/08/2018	6
Multiple regression and its engineering	20	25/03/2019	25/03/2019	1

applications				
Marriage between Mathematics and Engineering	20	08/03/2019	08/03/2019	1
International conference on emerging trends in computational fluid dynamics	3	27/02/2019	28/02/2019	2
Emerging trends in Mathematics and its Applications	20	28/01/2019	02/02/2019	6
Introduction to Spectral method	20	02/11/2018	02/11/2018	1
Application of Mathematical Tools for Engineering Problems	20	30/07/2018	04/08/2018	6
Research Methodology and Latex	1	19/06/2019	21/06/2019	3
Role of Blockchain and Artificial Intelligence in Applications of Cyber Security	1	22/07/2019	26/07/2019	5
Predictive Analytics with Amazon Web Services	2	15/07/2019	20/07/2019	6
Applications of Data Mining and Deep Learning Techniques in Multidisciplinary Area	1	24/06/2019	28/06/2019	5
Deep Learning for Big Data and Cyber Security Applications	1	01/07/2019	05/07/2019	5
One week workshop on Network Data Analytics A Hands on Approach for Application	4	01/07/2019	05/07/2019	5

Development				
Embedded Safety and Security Summit 2019	1	23/07/2019	23/07/2019	1
Data Center Dynamics Webscale Conference	1	18/07/2019	18/07/2019	1
The Hague India Cyber Security summer school	2	27/06/2019	27/06/2019	1
workshop on Research Methodology and IEEE Authorship Lab	1	13/04/2019	14/04/2019	2
Workshop on Smart Class Room Tools	3	22/07/2019	24/07/2019	3
Rejuvenating Faculty For Career Excellence	2	23/01/2019	25/01/2019	3
Current trends in service oriented architecture	6	08/07/2019	13/07/2019	6
Faculty Enablement Program on " Lex Based Foundation Program	1	07/01/2019	11/01/2019	5
DevOps	3	21/01/2019	25/01/2019	5
3D Printing under TEQIP 1.3	1	13/04/2019	14/04/2019	2
Implementation of outcome based education in higher educational institutions	1	08/07/2019	13/07/2019	6
4th International Conference on Emerging Trends in Engineering, Science and Technology	2	05/07/2019	06/07/2019	2
Pradarshanana2019	1	24/05/2019	25/05/2019	2
1st	1	18/05/2019	18/05/2019	1

International Conference on Emerging Trends in Engineering, Innovative Science Management				
National Conference on Recent Trends Innovations in Mechanical Engineering Technology RTIMET 2019	1	03/05/2019	04/05/2019	2
3rd National Seminar on New Methodology of Assessment Accreditation by NAAC Issues and Challenges	1	11/04/2019	11/04/2019	1
Two Day Workshop on Intellectual Property Rights	1	28/01/2019	29/01/2019	2
Rejuvenating Faculty for Career Excellence	1	23/01/2019	25/01/2019	3
International Conference on Polymer Composites	1	15/12/2018	16/12/2018	2
3rd International Conference on Recent Advances in Engineering Sciences	2	26/09/2018	27/09/2018	2
Fundamentals of Materials Science for Research Scholars (FDP)	7	30/07/2018	04/08/2018	6
Advanced DSP applications using TMS320C67 13/6748	2	30/07/2018	04/08/2018	6
International Conference on Circuits, Communication, Control and	1	03/10/2018	05/10/2018	3

Computing (I4C2018)				
Workshop on DevOps	5	21/01/2019	25/01/2019	5
Intellectual Property Rights	2	28/01/2019	29/01/2019	2
Blockchain Application Development Using Hyperledger	6	28/01/2019	02/02/2019	6
WSN and IOT Workshop	2	05/03/2019	06/03/2019	2
New Methodology of Assessment and Accreditation by NAAC issues and challenges	6	11/04/2019	11/04/2019	1
Management of Intellectual Property	2	17/06/2019	18/06/2019	2
Current Trends in Industry	2	17/06/2019	21/06/2019	5
Challenges in Data Information and Network Security	10	02/07/2019	13/07/2019	12
Current trends in Service oriented architecture	30	17/06/2019	21/06/2019	5
Predictive Analytics with Amazon Web Services"	31	15/07/2019	20/07/2019	6
Smart Class Room Tools	31	22/07/2019	24/07/2019	3
Role of Blockchain and Artificial Intelligence in Applications of Cyber Security	31	22/07/2019	26/07/2019	5
Six days faculty development programme on Recent trends in utilization of waste	30	22/07/2019	27/07/2019	6

materials in construction industries and its impact				
Two day symposium on corrosion -"Corrosion Technology Forum 2018" organized jointly by Worldofchemicals.com and The Society For Surface Protective CoatingsIndia at Sheraton Grand Hotel, Bangalore	1	07/06/2019	08/06/2019	2
International symposium on developing drugs for tomorrow	1	01/01/2018	02/01/2018	2
"Recent Advances in materials Science and applications"	5	16/01/2018	21/01/2018	6
"New Model Curriculum for First year BE/B.TechCBCS detailed syllabus (201819) as per OutcomeBased Education (OBE) format including course outcomes and Bloom's Taxonomy" Under TEQIP1.3 for the course chemistry	1	08/05/2018	08/05/2018	1
FDP on Functional Materials for industrial applications.	5	23/07/2018	28/07/2018	6
FDP on Advanced Materials for Science and	4	28/01/2019	02/02/2019	6

Engineering (AMSE2019).				
"short course on Surface Area and Porous Material Characterization"	1	14/03/2019	14/03/2019	1
Chemical Process Safety	6	06/08/2018	11/08/2018	6
Bioremediation for Environmental Sustainability	1	11/08/2018	15/08/2018	5
Technoscape18	1	06/09/2018	08/09/2018	3
ICRAES 2018	9	26/09/2018	27/09/2018	2
NBA/NAAC Accreditation Process for Technical Institutions	1	10/12/2018	14/12/2018	5
Modeling and Simulation of Micro and Macro Multiphase Systems	1	08/01/2019	12/01/2019	5
Effective Engineering Teaching in PracticeNPTEL	1	15/01/2019	25/02/2019	40
Recent Advances in Nutraceuticals and Functional Foods	7	28/01/2019	02/02/2019	6
Concepts in Chemical Reaction Engineering	2	10/06/2019	14/06/2019	5
2D and 3D Models of Cell Culture and their Applications	6	17/06/2019	22/06/2019	6
Smart Class Room Tools	2	22/07/2019	24/07/2019	3
Renewable Energy and Waste Management Techniques	2	22/07/2019	03/08/2019	14
Deep Dive Session on	1	29/07/2019	02/08/2019	5

Industrial Automation Systems and Controls				
IndoGerman research proposal writing workshop	1	30/08/2019	30/08/2019	1
"Statistical Methods in Medical Research and Introduction to SPSS",	2	18/07/2019	20/07/2019	3
Workshop on "New Dimensions in Computational Biology"Karnataka State Higher Education Academy,Dharwad	1	03/07/2018	05/07/2018	3
GIAN course "GPU Computing in Computational Biology" IIT Indore, Indore	1	15/07/2019	19/07/2019	5
workshop on 'Next generation energy storage materials: Challenges Opportunities Dayananda Sagar University, Bangalore	1	28/09/2018	29/09/2018	2
EMSInternational Workshop, Ramaiah Medical College	1	15/11/2018	15/11/2018	1
Reimagining Landscapes	2	15/02/2019	16/02/2019	2
Rethinking Design	1	15/12/2018	15/12/2018	1
Architecture, Built Environment Urban Planning 2018	3	20/09/2018	22/09/2018	3
Between The Lines	1	17/08/2018	18/08/2018	2

Performance Evaluation Tools For Sustainable Buildings	1	31/01/2019	02/03/2019	3
Shifting Terrain	2	20/08/2018	21/08/2018	2
Principles Of Building Analysis Design For Architects Using Etabs	1	09/08/2018	10/08/2018	2
Smart Sustainable Cities Vision To Reality	1	10/08/2018	10/08/2018	1
Documentation And Beyond	3	28/01/2019	02/02/2019	6
Advanced DSP applications using TMS320C67 13/6748	8	30/07/2018	04/08/2018	6
Foundations of Cryptography	1	30/07/2018	04/08/2018	6
Robotics AI	1	24/06/2019	28/06/2019	5
Foundation Course on Image Processing	2	11/03/2019	12/03/2019	2
Connecting LabView to Industrial IoT Hands on Approach	1	28/01/2019	01/02/2019	5
Rejuvenating Faculty for Career Excellence	1	23/01/2019	25/01/2019	3
International Conference on Circuits, Controls, Communications and Computing	1	03/10/2018	03/10/2018	1
Cyber Physical Systems Symposium	4	15/07/2019	16/07/2019	2
Fabrication of Optoelectronic Devices and Sensors Hands on Experience (FODS19)	1	17/06/2019	21/06/2019	5

Historical, Philosophical Societal Perspective AND The Evolution of Thermodynamics in 19th Century	1	24/06/2019	24/06/2019	1
Process Optimization and Control	1	03/06/2019	07/06/2019	5
Machine Learning for Sensor Data Analytics	8	29/07/2019	03/08/2019	6
Training program on Blockchain Technology	2	16/11/2018	21/11/2018	5
Smart class room tools(Bodhi tree,SAFE,EvalPro)	1	22/07/2019	24/07/2019	3
Characterization of Materials by Advanced analytical techniques	1	17/06/2019	22/06/2019	6
Industrial Automation PLCs and SCADA	1	16/07/2019	20/07/2019	5
Characterization of Materials by Advanced analytical techniques	1	17/06/2019	21/06/2019	5
FPGA based controller design for power converter	1	10/06/2019	14/06/2019	5
Pedagogy workshop on effective teaching	1	03/06/2019	07/06/2019	5
Hands on Training on DSP and embedded controllers.	1	17/06/2019	22/06/2019	6
Industrial Automation PLCs and SCADA	1	16/07/2019	20/07/2019	5
Emerging Power conversion	1	24/06/2019	28/06/2019	5

Techniques and challenges for Renewable energy and electric vehicle applications.				
Abet accreditation seminar	1	11/07/2018	11/07/2018	1
Emerging Technologies in Short Range Wireless Communication	1	02/07/2018	06/07/2018	5
2nd Cyber Physical Systems Symposium (CyPhySS)	4	16/07/2018	21/07/2018	6
Building Learning Machines	3	16/07/2018	21/07/2018	6
Network Simulation(NS3) and Next Generation Mobile Networks	5	23/07/2018	28/07/2018	6
RF Circuits and Systems	10	23/07/2018	28/07/2018	6
Millimeter (mm) Wave MIMO and Filter Bank MultiCarrier (FBMC) Technologies for 5G Networks with Capstone Project	1	25/07/2018	28/07/2018	4
Artificial Intelligence and Machine Learning	1	26/07/2018	28/07/2018	3
Research Methodology	1	30/07/2018	04/08/2018	6
Smart Classroom Tools	1	22/07/2019	24/07/2019	3
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time

376	376	279	279
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6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Medical Insurance, Transport Facility, Incentives for quality publications, Fee concession	Medical Insurance, Transport Facility, Fee concession, Timebound Increment	Medical Insurance, Transport Facility, Institutional Scholarships, Midday meal for the needy students, Project funding, Bus pass facility for the needy students

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

The institute conducts regular financial audits. The institute has a formal mechanism for internal and external audits. The accounts are regularly audited to ensure financial compliance. Internal Audit: The internal audit is a continuous process. The finance committee and the Qualified Auditors from external resources have been appointed and a team of staff under them do a methodical verification. The team verifies all payments, receipts, vouchers of the cash transactions, ledgers and cash book. Process audit of the accounts is done by IQAC cell of the institute twice in a year. External Audit: The external auditor/agency appointed by the college performs audit of the financial statements of the college. The financial records are audited by qualified chartered accountants at the end of each financial year. The financial records are certified i.e., income and expenditures, balance sheet and prepared notes to accounts are certified. The Institution publishes audited financial statements on the institutions website as information for the concerned people.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Management	2635368	Research
View File		

6.4.3 – Total corpus fund generated

305000000

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	VTU	Yes	IQAC
Administrative	Yes	B.N. Subramanya Co., Chartered Accounts	Yes	Finance Committee

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1. Online portal for parents to monitor their wards <http://parents.msrit.edu/>. Parents can monitor the Progress of their ward, fee dues/paid details, exam

results etc. 2. Industrial visits 3. Technical talks 4. Internships

6.5.3 – Development programmes for support staff (at least three)

1. Skill up gradation on egovernance 2. Skill up gradation on technologies related to laboratory 3. Training on maintenance and servicing of equipment

6.5.4 – Post Accreditation initiative(s) (mention at least three)

• Centre of Excellence for Research and Consultancy
 o Centre of Excellence in Imaging Technology with the support of IGCAR.
 o Centre of Excellence in Advanced Materials and Manufacturing in collaboration with Boeing International Corporation, USA
 • Certificate Programmes
 • Incentives for quality RD publications
 • RD project Funding for faculty
 • Scholarship for full time research scholars

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	IQAC general body meeting	21/09/2018	21/09/2018	21/09/2018	15
2018	Submission of AQAR (2017 18)	12/12/2018	12/12/2018	12/12/2018	50
2019	IQAC audit	29/01/2019	29/01/2019	31/01/2019	380
2019	NBA for 3 UG programmes	04/02/2019	04/02/2019	04/02/2019	120
2019	VTU, LIC visit	12/02/2019	12/02/2019	12/02/2019	380
2019	AISHE	23/02/2019	23/02/2019	23/02/2019	380
2019	NIRF	08/04/2019	08/04/2019	08/04/2019	360
2019	IQAC general body meeting	08/04/2019	08/04/2019	08/04/2019	15
2019	NBA for 5 PG programmes	17/05/2019	17/05/2019	19/05/2019	130
2019	Visit of UGC expert committee for the extension of Autonomy	22/05/2019	22/05/2019	23/05/2019	380

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the

year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
M S Ramaiah Memorial State Level Inter Engineering Colleges Basket Ball Tournament 201819	22/12/2018	24/12/2018	32	16
Breast cancer orientation and screening program	13/03/2019	13/03/2019	350	0
WIE-"Technology Development and Community Outreach"	08/03/2019	09/03/2019	300	100
Cyber age-Crimes against women and legal protection	22/03/2019	23/03/2019	250	100

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
33

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	3
Provision for lift	Yes	3
Ramp/Rails	Yes	3
Braille Software/facilities	Yes	3
Rest Rooms	Yes	3
Scribes for examination	Yes	2
Special skill development for differently abled students	No	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	1	0	16/07/201	7	Building	Locationa	50

			8		Learning Machines	1 Advantage: Proximity to IISc	
2018	0	1	27/07/2018	2	Two days workshop 'RaithaSa mbruddhi' was conducted for Farmers at Chella gurki, Er rithatha Temple, Bellary District	Educating the farmers C hellagurk i, Bellary Taluk	500
2018	0	1	27/07/2018	2	Fruit tree dist ribution at Chella gurki, Er rithatha Temple, Bellary District	Distribut ing to farmers	1000
2018	0	1	03/09/2018	1	Australia n National Chemistry Quiz at MSRIT	The Austr alian National Chemistry Quiz aims to promote interest in chemistry and the	1200
2018	0	1	04/11/2019	1	Knowledge sharing with farm ers/villa gers	Conducted by Lumine scence Society of India: Karnataka Chapter (LSIKC) related to protec tion of Nature, A gricultur e (Chemical free) and Farmers. Under	60

						this program LSIKC members interacted with farmers at T. Belalam village, Tamil Nadu	
2019	0	1	04/01/2019	3	Strategies for Sustainable Rural Development	at Kanneri (Maharashtra), conducted by Department of Chemistry In association with Kanneri Mutt, Maharashtra	200
2019	0	1	11/02/2019	1	Chemical free agriculture	Zero-Budget program Deliberation by Padmashree. Subhash Palekarji on 11/02/2019 at Gandhi Bhavan, Bangalore	200
2019	0	1	17/02/2019	1	Knowledge sharing with farmers villages	Outreach Program was conducted by Luminescence Society of India: Karnataka Chapter (LSIKC) on the topic 'Soil health and its protection for agric	200

						ulture' Resource person Mr Soil Vasu at Huliyaar, Tumkur District	
2019	0	1	27/08/2019	1	Australian National Chemistry Quiz at MSRIT	The Australian National Chemistry Quiz aims to promote interest in chemistry and the	1200
2019	0	1	08/09/2019	2	workshop 'BACK TO NATURE2	Zero Budget Natural Farming (ZBNF) Back to nature movement	100

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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Code of conduct handbook for Students', Faculty Supporting staff	01/01/2018	Students: The identity card with photograph affixed, must be carried by the student at all the times while on the campus and must be produced on deman. Faculty: The code of professional conduct for faculty applies to all faculty of the institution. Be updated in the knowledge of subject and the current affairs. Usage of ICT tools of teaching to make the lectures more interesting. Supporting Staff: Use all work hours productively and ensure that their activities in the workplace do not impede the effective operation of their department. Maintain supportive environment

for while performing their assigned duties.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Republic day	26/01/2019	26/01/2019	1800
Independence Day	15/08/2018	15/08/2018	2500
Engineers Day	15/09/2019	15/09/2019	750
Two days National Conference sponsored by ICWA on New Directions in Indian Foreign Policy: People, Politics, Places and Economic power	04/01/2019	05/01/2019	200
Independence day	15/08/2019	15/08/2019	2400

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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

• Efforts towards green practices Dept of Civil Engineering has adopted the extensive research on Geopolymer concrete [GPC] which avoids the use of cement in the manufacture of concrete The construction activity involving concrete is a major contributor to greenhouse gases Cement is a major component of concrete which is essential as it acts as the adhesive in the concrete matrix This cement is a major contributor for greenhouse gas CO₂ which is produced during its manufacture Reducing the use of cement reduces our CO₂ emission thus reducing our carbon footprint Dept of Civil Engineering also holds a patent for total replacement of natural sand by pond ash in concrete, which is aimed at reducing the demand of natural sand for use as fine aggregate in concrete, which would stop the illegal mining of river bed sand thus protecting the river bed and stop the mining of this material Steps towards carbon neutrality, e-waste hazardous managements, conservation of energy and water are undertaken • Public Transport: The institution has provided transport facility for the staff to commute between their homes and the college The transport is made available to the staff to attend any technical and other activities happening at other universities or to any event in industry The transport facility is available for the students also for any visit to industry or to attend any other activity representing the college • Plastic free campus: Signage boards saying "PaperLess Zone" is displayed at various places in the campus • Paperless Office: Mails are extensively used to ensure that the office is paperless to a large extent Most of the verbal communication in the college is done through the intercom facility which is available in all laboratories, offices, faculty rooms as well as canteen and hostels Most of the official communications like notices, programme communications, minutes are shared through emails Most of the office files are shared through softcopies on computers • Green Practices: The campus has aesthetically designed buildings, surrounded by greenery creating good ambience for learning The campus also houses separate hostels for men and women Dustbins have been provided along all major corridors for collection and disposal of waste Water facility has been provided both for gardening and drinking Fire fighting services have been installed all around the campus as per the regulatory norms suggested during the approval for the building plans The campus has provided the option of Rain Water Harvesting and has well grown trees, thus making the institute, green and ecofriendly Well grown plants around the campus are maintained to reduce the effect of pollution

The greenery initiation has been implemented in a phased manner

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1 Title of the Practice a. Implement outcome based education in Undergraduate and postgraduate programs b. Research promotional policy to improve RD Activities, Ranking and Accreditation 2 Objectives of the Practice a. Effective Implementation of outcome based education for improving graduate attributes and to get accreditation from National Board of Accreditation Change of accreditation from output put model to Outcome model was a major challenge to change our teaching learning, assessment methodology and enhancement of outreach activities b. Enhancing the research publications in peer reviewed journals and conference to improve Research and Consultancy component in NIRF Ranking Sudden changes in accreditation procedures, introduction of ranking system such as NIRF and QS Ranking has imposed as great challenge to improve research culture in the Institution 3 The Context a. M S Ramaiah Institute Technology is 57Yearold institution with highly experienced faculty Changing the mindset of the faculty from output model system to outcome model was a major challenge Establishing the robust assessment procedures, feedback collection and assessment from stake holders and enhancing the stakeholder involvement in curriculum design to assessment was a big challenge b. M S Ramaiah Institute Technology has well established undergraduate teaching institution Majority of the postgraduate programmes started between the academic years 2005 to 2014 Changing the orientation of faculty from teaching, enhancing the research culture and encouraging the faculty to improve the qualification from PG to PhD was a major challenge Establishing the Research and development centres at centre for excellence was a major challenge 4 The Practice a. With reference to the implementation of the outcome based education thee main constraint was to train the faculty to understand the concept of Vision, Mission, Program educational objectives, Program Outcomes Course Outomes and mapping of the same Modifying the curriculum by involving the stakeholders and collection of feedback from stakeholder and summarising the same with reference to curriculum changes Involving Industry in curriculum design and delivery and collecting the feedback from the employers was a major challenge Assessment of projects and seminar based on wellestablished rubrics to bring the transparency and making the students to understand the process of project implementation and need for seminar presentation to improve written and oral communication was a major challenge Developing the customised software for the assessment of course outcomes and program outcomes by direct and indirect assessment was a major challenge because of the multiple constraints involved in the assessment methodology Establishing the program assessment committee in all the programmes and training the faculty to access the

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

https://s3.amazonaws.com/naac.msrit.edu/new_downloads/Best+Practices.pdf

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust It is the topmost aim of MSRIT, to provide equal opportunity to all the students to excel in the academics. In this regards, remedial classes are conducted for weak students, where extra care and one to one interaction is possible students are encouraged to come out of their it built fear and complexity, and open up to discussion in the point

of their weakness. This will inculcate self confidence in students and almost all will perform excellent in the examinations. MSRIT has also taken steps to coach fundamentals of mathematics and English to students of foreign origin, particularly from Arab countries, whose English level is lesser compared to others. MSRIT students are encouraged to participate in debate competitions, national and international. Also, they take part as an interdepartmental team in New age car race competitions being held in USA, Japan, and Australia etc.

Students from mechanical, computer, electronics, electrical and industrial engineering take part in such competitions making a group. As a student welfare measure, MSRIT provides life insurance cover to all the students at a nominal cost, MSRIT also provides medical checkup and counselling facilities for needy students.

Provide the weblink of the institution

https://s3.amazonaws.com/naac.msrit.edu/new_downloads/Diversification+of+Curriculum.pdf

8.Future Plans of Actions for Next Academic Year

As evidenced by the NIRF data since the year 2016, MSRIT has a strong teaching culture, and also a good placement record. It has a relatively good gender mix among faculty as well as students, and it has diversified student community. On the other hand, MSRIT is currently lagging behind in research output relative to top engineering institutions. Analysis of the data further shows that the RPC (Research and Professional Practice) score has the strongest correlation with the overall rank considering the top 50 engineering institutions. Based on the SWOC analysis, following plans of action are identified for the next academic year.

- To provide centralized facility, at least one Centre of Excellence in the area of Advanced Materials
- To enhance industry oriented courses
- Increase international MoUs
- Support and enhance use of online tools such as NPTEL, SWAYAM and MOOC
- Provide excellent Teaching Learning opportunity in multidisciplinary teaching
- Promote quality research
- Enhance seed money to faculty for research
- Enrich quality publications