



Basavarajeswari Group of Institutions
**BALLARI INSTITUTE OF
TECHNOLOGY & MANAGEMENT**

*“Jnana Gangotri” Campus, #873/2, Ballari-Hosapete Road,
Near Allipur, Ballari-583104 (Karnataka)*



**ANNUAL REPORT
FOR THE YEAR 2017-18**

INDEX

SN	PARTICULARS
1	Founder Chairperson and Former Union Minister
2	Tungabhadra Education Health & Rural Development Trust®, Ballari
3	Board Of Trustees
4	Basavarajeswari Group Of Institutions
5	Ballari Institute Of Technology & Management
6	Governing Body Members
7	Industry Advisory Board
8	Courses Offered:
9	No. Of Students On Rolls (UG)
10	No. Of Students On Rolls (PG)
11	Research Centre Details
12	Pass percentage of students
13	Faculty Details
14	Dept. of Computer Science & Engineering
15	Department of Electronics & Communication Engg.
16	Dept. of Mechanical Engineering
17	Dept. of Electrical & Electronics Engineering
18	Department of Civil Engineering
19	Master Of Business Administration (MBA)
20	Funds by Central/ State Government- UGC/ CSIR/ DST/ DBT/ ICMR/ TEQIP/ World Bank/ CPE of UGC etc.
21	Management Information System
22	Certificate Courses:
23	Value-added courses imparting transferable and life skills offered
24	ICT initiatives:
25	Students mentoring system:
26	Honours and recognitions received by teachers:
27	Workshops / Seminars:
28	Awards for Innovation won by Institution:
29	Incubation centre:
30	Research Publications:
31	Books and papers in National / International Conference Proceedings per Teacher:
32	Bibliometric of the Publications:
33	Faculty participation in Seminars/Conferences and Symposia:
34	Extension and outreach programmes conducted:

35	<i>Awards and recognition received for extension activities from Government and other recognized bodies</i>
36	<i>Collaborative activities for research, faculty exchange, student exchange</i>
37	<i>Linkages with institutions/industries for internship:</i>
38	<i>MoUs</i>
39	<i>Scholarships and Awards</i>
40	<i>Scholarships and Financial Support</i>
41	<i>Training & Placement</i>
42	<i>Student progression to higher education:</i>
43	<i>Sports and cultural activities / competitions</i>
44	<i>BITM Alumni Association</i>
45	<i>Central Library (Knowledge Centre)</i>
46	<i>Facilities at BITM</i>
47	<i>Faculty Empowerment Strategies</i>
48	<i>Professional Development / Administrative Training Programmes</i>
49	<i>Teachers attending professional development programmes:</i>
50	<i>Quality Initiatives undertaken</i>
51	<i>Best Practices</i>

A Tribute to Our Our Founder Chairperson



*Late. Smt. Basavarajeswari
Former Union Minister
(08.10.1929 to 19.02.2008)*

After serving the Nation for almost four decades she had a vision to give quality education to students of Bellary. It was her deep conviction that education needs to be joyful experience that facilitates the growth and transformation of young minds at their impressionable age and fortifies them with the required knowledge and the skills to face the challenges of a competitive world. She was also very keen on women's education and her achievements are as follows:

- *Member, Karnataka Legislative Assembly, 1957-72*
- *Deputy Minister, Social Welfare & Minor Irrigation, Karnataka*
- *Member, Karnataka Legislative Council, 1980-83*
- *Member of Parliament 8th, 9th & 10th Lok Sabha from Bellary Constituency from 1984 to 1996.*
- *Union Minister of State for Women & Child Development, 1993-1995.*
- *In the Year 1995, as a Union Minister represented India for "World Women's Conference" at Beijing, China*
- *Participated in SAARC Meeting and travelled & addressed most of the foreign countries*
- *Founder Chairperson, Tungabhadra Education Health & Rural Development Trust(R), Bellary.*

Tungabhadra Education Health & Rural Development Trust®, Ballari

Implementing world class education, at Nursery, Primary, Secondary, Pre-University, Technical and Management education, has been the primary prerogative of the TEHRD Trust, which was founded in 1981 with the aim of bringing out the best in today's generation to excel in the areas of Engineering and Technology, Management and Schooling.

As the adage goes, "Behind every successful man, there is a woman", so to speak, behind every great human enterprise, there are a few extraordinary individuals, sharing the same vision and deriving motivation from its founder.

The TEHRD Trust was founded by Late Smt. Basavarajeswari, former Union Minister and the Chairperson of Trust, who had a futuristic vision and a penchant for educating children from all walks of life, including children of a lesser God. A woman who had the drive, commitment and unparalleled passion towards the cause of educating every individual, be it any strata of the society, and an unwavering goal towards achieving a high level of literacy in the society. Thus, transforming lives through sound education and preparing the upcoming generation to be global contributors.

As an ode to its renowned founder, the Ballari Institute of Technology & Management, Sanjay Gandhi Polytechnic, Bellary Private Industrial Training Institute, Basavarajeswari Public School & College, BPSC Pre-University College, Ballari Business College are under the patronage of "BASAVARAJESWARI GROUP OF INSTITUTIONS".

A zealous Key Team, comprising of Dr. Yashvanth Bhupal, B.E., M.S., Ph.D., MIE, MISTE, Managing Trustee / Chairman of BITM, competently supported by Dr. S. J. V. Mahipal, M.B.B.S., M.D., Chairman of the Trust & BPSC, Sri. S. B. Ashok Bhupal, Trustee, and Mr. Y.J. Prithviraj Bhupal, B.E., M.Tech., (Aust.), Trustee / Deputy Director of BITM, Dr. V.J. Bharath, MBBS, D. Ortho, DNB Ortho, Trustee and Sri. S. B. Amarraj Bhupal, LL.M., Trustee have been bringing laurels-along the TEHRD Trust vision due to their tireless efforts. In other words, they have given wings to the vision of Basavarajeswari Group of Institutions.

BOARD OF TRUSTEES



*Dr. S. J. V. Mahipal,
M.B.B.S., M.D.,
Chairman,
T.E.H.R.D. Trust ® / BPSC*



*Dr. Yashwanth Bhupal,
B.E., M.S., Ph.D., MIE, MISTE,
Managing Trustee /
Chairman & Director, BITM*



*Sri. S. B. Ashok Bhupal, B.A.,
Trustee, T.E.H.R.D. Trust ®*



*Mr. Y.J. Prithviraj Bhupal, B.E., M.Tech., (Aust),
Trustee/ Deputy Director*



*Dr. V.J. Bharath,
MBBS, D. Ortho, DNB Ortho,
Trustee, T.E.H.R.D. Trust ®*



*Sri. S. B. Amarraj Bhupal, LL.M.,
Trustee, T.E.H.R.D. Trust ®*

*Sri. P. Somayya,
Trustee, T.E.H.R.D. Trust®*

BASAVARAJESWARI GROUP OF INSTITUTIONS

T.E.H.R.D. Trust®, Ballari

One Team... One Vision...

Kindergarten to Post Graduation



*BPSC Kids Academy, Ballari
Play School to UKG*

*Basavarajeswari Public School & College, Ballari
(Estd. 2006)
ICSE 1st- 10th Std*



*Bellary Private Industrial Training Institute,
Ballari (Estd. 2006)
ITI – Fitter & Electrician*



*Sanjay Gandhi Polytechnic, Ballari
(Estd. 1992)
3 Years Diploma Courses*



*Ballari Business College, Ballari
(Estd. 2012)
BBA & B.Com (Gen. & TPP)*



*BPSC Pre University College, Ballari
(Estd. 2012)
Science & Commerce*



*Ballari Institute of Technology & Management,
Ballari (Estd. 1997)
BE, M.Tech., MBA & Research Centre*

BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT

With its forte being accomplished, highly proficient and devoted faculty, with a sound knowledge of the subject, along with an innate desire to go toe to toe with the times and latest developments in emerging fields, has been BITM'S, alias Ballari Institute of Technology and Management's greatest strength. The institute's USP is its unfathomable student-teacher rapport and a student centric learning to give shape to the students' overall outlook. Preparing students for meeting futuristic challenges of the tomorrow are monitored very closely by the faculty, with a personal touch. Feedbacks, after counselling students and parents, to arrive at solutions play a very important role in seeing students achieve their zenith. To take the big leap in the corporate milieu, in-house training and projects, soft skills and R&D are subjects that essential to the student curriculum. Workshops and Personality Development, Industry-Institution Interactions are routine on campus.

The Governing Body of BITM has shown its mettle, as its members are pooled in from various professions such as academicians from IIM, IITs, Industrialists, Medical & Software professionals and Chartered Accountants.

A dedicated internet connectivity along with high-speed wireless networking together with latest computers and software complemented with well-equipped laboratories and a spacious library, rich in collection of books and journals speaks volumes about BITM's State-of-the-art infrastructure. The campus, spread over 11 acres of greenery, with eco-friendly surroundings, has facilities that are a class apart, combining aesthetics with modernity. With a separate hostel facility for boys & girls and a recreational area, BITM has come a long way, in terms of providing the very best facilities and imparting technical and management education with highly acclaimed academic delivery complemented with superlative infrastructure.

An ISO certification being one of its many credentials and adopting the stipulations laid down by Intertek and being conferred with an ISO 9001:2008, BITM is an Accredited Institution, comprising of many feathers in its effervescent cap!! Armed with the ISO certification, BITM conforms to the demanding international standards by creating and implementing a Quality Management System.

A plethora of prominent companies have welcomed the outgoing students of BITM with open arms, which is a shining testimony of the priority the institution gives to placement of its students.

BITM is the brain-child of its Founder-Director and present Chairman, Dr. Yashvanth Bhupal, B.E. M.S, Ph.D. Besides being highly qualified, he is also a dynamic visionary who has largely, if not singularly, been responsible for the phenomenal growth of the institute. He is a social entrepreneur in the true sense. Since 1974, he has been instrumental in establishing several organisations in various fields like Engineering Industry, Cement & Steel plants and Educational institutes. All of which have immensely benefitted the society in general and the local population in particular. He is the Managing Trustee of the TE.H.R.D. Trust which imparts education to over 8000+ students, from Kindergarten to Post-Graduation levels and provides employment to over 780 motivated personnel.

Governing Body Members

SN	Nominated Position in Governing Council	Name of the Member	Date of App.
1	Chairman	Dr. Yashvanth Bhupal , MS, Ph.D., MIE, Chairman & Director, BITM, Ballari	31.05.2008/ 15.02.2010
2	Member	DR. S.J.V.MAHIPAL , MBBS, MD, No.35, 3 rd Cross, Gandhinagar, Ballari – 583 103.	01.01.1998 Reappointed on 31.05.2008
3	Member	Sri. S.B. Ashok Bhupal , BA Dhadesugur – Post, Sindhanur - Tq., Raichur-Dist.	01.01.1998 Reappointed on 31.05.2008
4	Member	Prof. Prithviraj.YJ , B.E., M.Tech. Dy. Director, BITM, Ballari	31.05.2008
5	Member	Sri. N. Srinivasan , CA Chartered Accountant, 132, 2 nd Floor, Kantha Court, Lalbagh Road, Bangalore.	02.04.2005
6	Nominee of AICTE – Regional Office (Ex-Officio)	The Regional Officer/ Dy. Director & Member Secretary, All India Council for Technical Education, (SWRO), Bangalore.	05.02.2004
7	An industrialist/ Technologist/ Educationalist from the Region to be nominated by the concerned Regional Committee as nominee of the Council, out of the panel approved by the Chairman of the Council.	Prof. E.S. Rao , BE, DIT, M.Tech. 302, Sai Mansion, 191/B, B.K. Guda Park, S.R. Nagar, Hyderabad – 500 038 Ph: 040-3705680	25.06.2002
8	Nominee of the Affiliating Body/ University/ State Board of Technical Education.	Dr. Mohan Kumar , B.E., M.Tech. Ph.D., Prof. Dept. of Mechanical Engg. Malnad College of Engineering Salagame Road, Hassan, 573202	01.03.2014
9	Nominee of State Government – Director of Technical Education/ Director of Medical Education/ Drugs Controller (Ex-Officio)	The Director of Technical Education Board, Govt. of Karnataka, Palace Road, Bangalore.	04.12.2003/ 31.01.2007
10	An Industrialist Technologist/ Educationalist from the Region nominated by the State Government.	Prof. A. Jayakara Hegde , B.E., M.Tech. D.No.2-112, Bantwady Post, Via Trasi – 576235 Senapur Village, Kundapur-Tq., Udupi Dist.,	23.01.2003
11	Faculty members nominated from the regular staff.	Dr. G.P. Dinesh , BE, MBA, Ph.D., Professor, BITM, Ballari	20.12.2014
12	Faculty members nominated from the regular staff.	Dr. R.N.Kulkarni , BE, M.Tech., Ph.D., Prof. & HOD, Dept. of CSE, BITM, Ballari	20.12.2014
13	Principal/ Director of the Concerned Technical Institution (as nominee of the Society/Trust). Member Secretary.	Dr. V.C. Patil , BE, M.Tech., Ph.D., Principal – Member Secretary, BITM, Ballari	20.12.2014
14	Additional Member	Dr. V.J. Bharath , MBBS, MD No.35, 3 rd Cross, Gandhinagar, Ballari.	23.12.2017
15	Additional Member	Mr. Amarraj Bhupal , LLM Bengaluru.	23.12.2017

Industry Advisory Board

SN	NAME	DESIGNATION	POSITION
1	Dr. Yashwanth Bhupal	Chairman, BITM	Chairman
2	Mr. Y.J. Prithviraj Bhupal	Dy. Director	Member
3	Dr. V.C. Patil	Principal, BITM	Member
4	Mr. S. N. Rao	Director	Member
5	Mr. Nisar Ahmed	Vice President	Member
6	Mr. P K Sarkar	Vice President-Energy	Member
7	Mrs. Seema Sali	Vice President HR (Alumnus of IIM-C)	Member
8	Mr. Bapuji Chikkanagappa	Head HR	Member
9	Mr. Sriram Iyer	Principal Consultant	Member
10	Dr. G.P. Dinesh	Dean	Member Secretary

BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT, BALLARI

Vision

To contribute valuable graduates for industry and society through excellence in technical & management education and research.

Mission

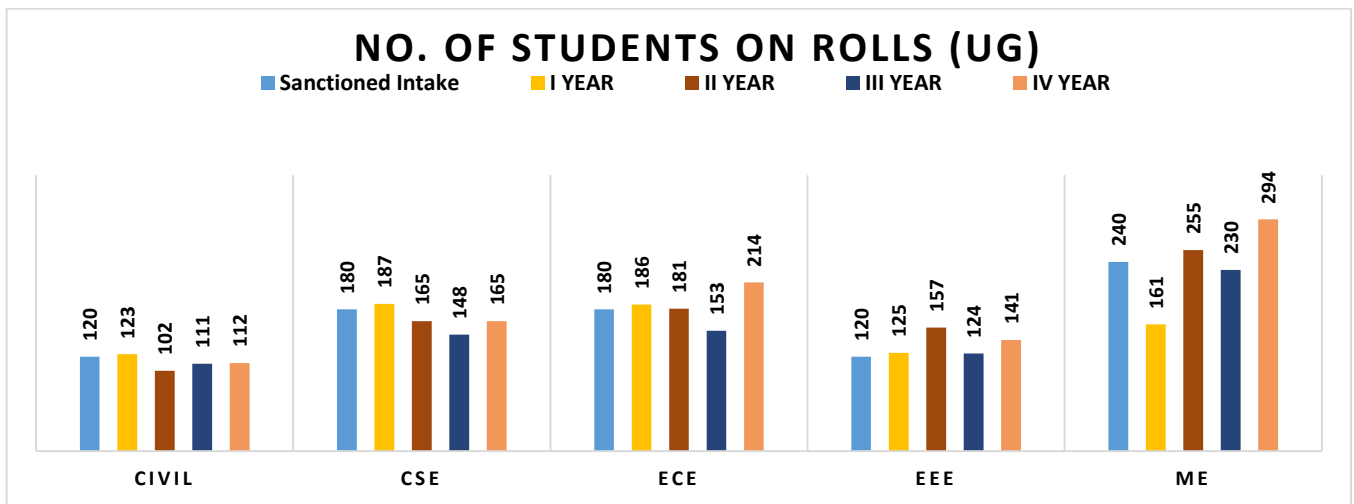
- > To offer state-of-the-art undergraduate, postgraduate and doctoral programmes.
- > To empower the students with Technical, Managerial Skills and professional ethics.
- > To collaborate with academia and industries for skill development.

Courses Offered:

Sl. No.	Programs / Courses	Year of Est.	Accreditation Status			
			NBA		NAAC	
			From	To	From	To
	Under Graduate Course					
1	Computer Science & Engg.	1997	2011	2014	2015	2020
2	Electronics & Comm. Engg.	1997	2011	2014	2015	2020
3	Mechanical Engg.	1997	2011	2014	2015	2020
4	Electrical & Electronics Engg.	2007	-	-	2015	2020
5	Civil Engg.	2014	-	-	2015	2020
	Post Graduate Courses					
1	Computer Network Engg.	2004	-	-	2015	2020
2	Digital Electronics	2007	-	-	2015	2020
3	VLSI	2011	-	-	2015	2020
4	Design Engineering	2012	-	-	2015	2020
5	Comp Sci & Engg	2012	-	-	2015	2020
6	MBA	2007	-	-	2015	2020
7	MCA	2008	-	-	2015	2020
	Research Centre					
1	Computer Science & Engg.	2013	--	--	--	--
2	Electronics & Comm. Engg.	2014	--	--	--	--
3	Mechanical Engineering	2012	--	--	--	--
4	MBA	2012	--	--	--	--
5	Chemistry	2010	--	--	--	--
6	Physics	2012	--	--	--	--
7	Mathematics	2012	--	--	--	--

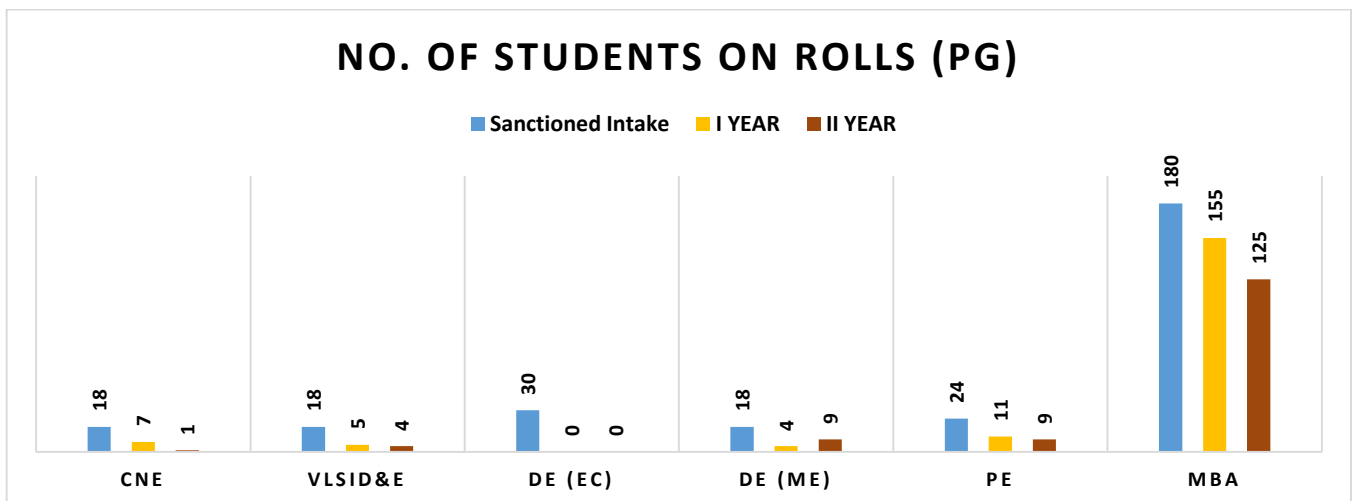
NO. OF STUDENTS ON ROLLS (UG)

S N	Course	Sanctioned Intake	Total No. of students Admitted											
			I YEAR			II YEAR			III YEAR			IV YEAR		
			M	F	T	M	F	T	M	F	T	M	F	T
1	Civil	120	83	35	118	68	34	102	73	38	111	80	32	112
2	CSE	180	63	115	178	41	124	165	41	107	148	42	123	165
3	ECE	180	74	104	178	65	116	181	48	105	153	70	144	214
4	EEE	120	57	62	119	84	74	157	59	65	124	68	73	141
5	ME	240	145	4	149	247	8	255	217	13	230	283	11	294



NO. OF STUDENTS ON ROLLS (PG)

Sl. No.	Course	Sanctioned Intake	Total No. of students Admitted					
			I Year			II Year		
			M	F	T	M	F	T
1.	CNE	18	3	4	7	1	0	1
3.	VLSI	18	1	4	5	0	4	4
4.	DESIGN	18	3	1	4	9	-	9
5.	PE	24	4	7	11	3	6	9
6.	MBA	180	70	85	155	60	65	125



RESEARCH CENTRE DETAILS

Candidates Registered for Ph.D.,

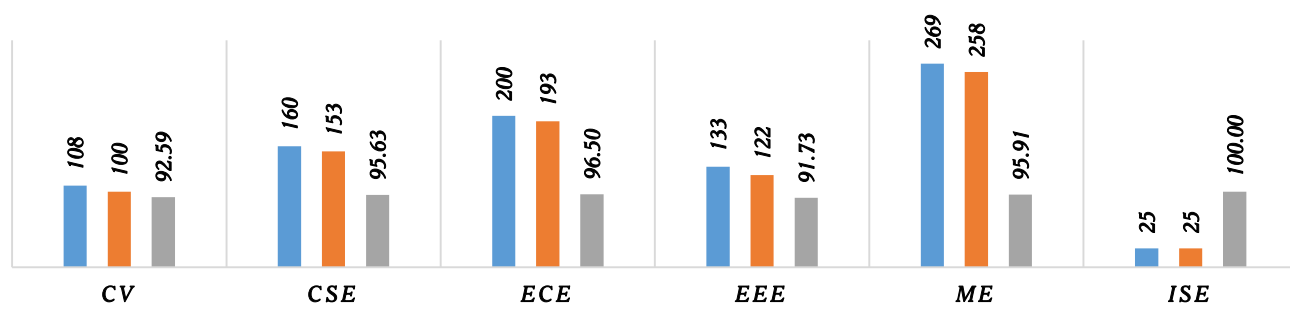
Sl. No.	Name	Department / Research Centre	VTU	Other University	Total no. of Candidates	Awarded
1	Dr. R.N. Kulᳵarni	CSE	04	-	04	-
2	Dr. B.M. Vidyavathi	CSE	06	-	06	-
3	Dr. R.V. Biradar	CSE	06	02	08	-
4	Dr. Aradhana D	CSE	01	-	01	-
5	Dr. Y. Suresh	CSE	-	-	-	-
6	Dr. U. Eranna	ECE	08	02	10	02
7	Dr. V.C. Patil	ECE	08	-	08	-
8	Dr. K.M. Sadyojatha	ECE	03	-	03	-
9	Dr. Yadavalli Basavaraj	ME	05	-	05	-
10	Dr. V. Venᳵata Ramana	ME	06	-	06	-
11	Dr. Umesh Daivagna	ME	08	-	08	-
12	Dr. Raghavendra Joshi	ME	04	-	04	-
13	Dr. V. Ravi	ME	01	-	01	-
14	Dr. G.P. Dinesh	MBA	04	01	05	-
15	Dr. Janet Jyothi D'Souza	MBA	03	-	03	-
16	Dr. Machappa T	Physics	02	-	02	-
17	Dr. B. Vijaya Kumar	Physics	01	-	01	-
18	Dr. Suresh	Chemistry	03	-	03	-
19	Dr. K.S.R. Sridhar	Mathematics	01	-	01	-
20	Dr. Pralahad M	Mathematics	01	-	01	-

Pass percentage of Students

Program me Code	Progra mme name	Programme Specialization	No. of students appeared in the final year examination	No. of students passed in final year examination	Pass %
BE	Engg.	BE - CV	108	100	95.00
BE	Engg.	BE - CS	160	153	94.50
BE	Engg.	BE - EC	200	193	95.54
BE	Engg.	BE - EE	133	122	83.46
BE	Engg.	BE - ME	269	258	87.04
BE	Engg.	BE - ISE	25	25	100

PASS PERCENTAGE OF STUDENTS(UG)

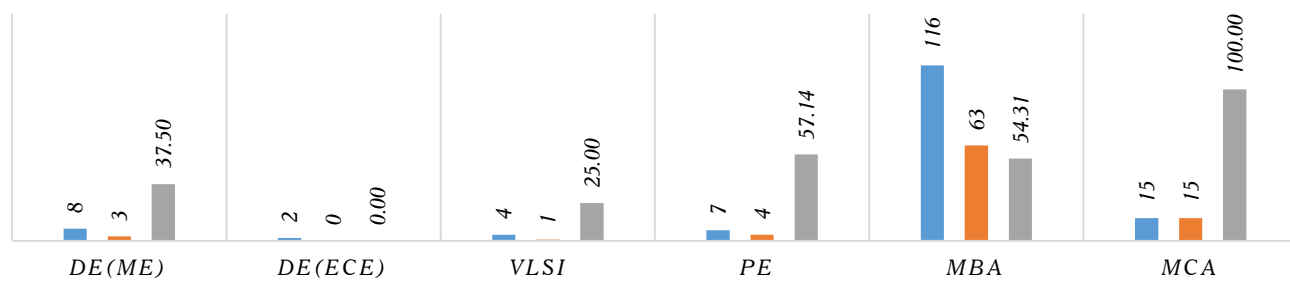
■ No. of students Appeared in the Final year Examination ■ No. of Students Passed in Final Year Examination ■ Pass %



Program me Code	Progra mme name	Programme Specialization	No. of students appeared in the final year examination	No. of students passed in final year examination	Pass %
M.Tech.	Engg.	M. Tech - CNE	0	0	100.00
M.Tech.	Engg.	M. Tech – Design	8	3	100.00
M.Tech.	Engg.	M. Tech – DE	2	0	25.00
M.Tech.	Engg.	M. Tech – VLSI	4	1	77.78
M.Tech.	Engg.	M. Tech – PE	7	4	66.67
MBA	Mgmt.	MBA	116	63	54.31
MCA	MCA	MCA	15	15	52.80

PASS PERCENTAGE OF STUDENTS(PG)

■ No. of students Appeared in the Final year Examination ■ No. of Students Passed in Final Year Examination ■ Pass %



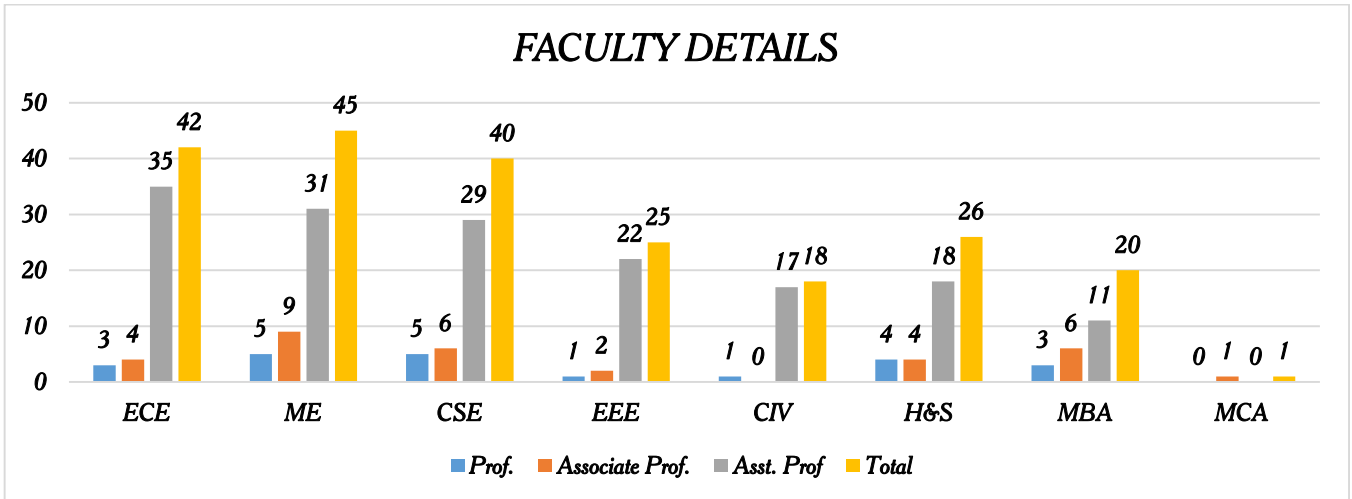
1ST YEAR INAUGURAL & INDUCTION PROGRAM - AUG 10 2017



FACULTY DETAILS

<i>Dept.</i>	<i>Prof.</i>	<i>Associate Prof.</i>	<i>Asst. Prof</i>	<i>Total</i>
<i>ECE</i>	3	4	35	42
<i>ME</i>	5	9	31	45
<i>CSE</i>	5	6	29	40
<i>EEE</i>	1	2	22	25
<i>CIV</i>	1	0	17	18
<i>H&S</i>	4	4	18	26
<i>MBA</i>	3	6	11	20
<i>MCA</i>	0	1	0	1
<i>Total</i>	<i>22</i>	<i>32</i>	<i>163</i>	<i>217</i>

FACULTY DETAILS



Dept. of Computer Science & Engineering

The Department of CSE offers B.E. in Computer Science & Engineering and M. Tech. in Computer Network Engineering. The department has well qualified, experienced and committed faculty to provide quality education to the students. The Department Infrastructure fulfils the requirements of academics, supports research and learning skills on the latest technology. The research culture among the students is harnessed at the UG and PG level augmented by the approved research centre of VTU, Belgaum.

To bridge the gap between the Industry and Academia, BITM has signed MoU with IBM Bangalore, J/Q Spider Bangalore, Infosys Ltd. Bangalore for training, Certification and Placements. BITM has centre of Excellence with IBM in the area of Cloud Computing, Mobility and Data Analytics. The students are certified by IBM after the completion of the course.

The department encourages the students to work on Interdisciplinary and Collaborative projects using both hardware and software to improve the Team work, Communication skills and deeper learning. The department is also in the process of setting up of Centre of Excellence in the area of Robotic Process Automation for which the training programs for both students and faculty is completed.

The department has student Forum viz., TechVruksha and Computer Society of India (CSI) Chapter and IEEE Student branch that provides platform for student centric activities.

Vision:

To be a state-of-the-art learning center that responds to the future challenges.

Mission:

M1: To impart knowledge with relevant theoretical and practical aspects.

M2: To inculcate design and development process relevant to the industry.

M3: To enhance leadership abilities through team work and research.

The vision and mission of the department are in line with that of the institute. Given the dynamic environment of CSE, we need to create technical manpower that is well versed with current requirements of the industry, engaged in research work on real world problems. It envisages building leaders.

Programme Educational Objectives (PEOs)

PEO-1	Accomplish a progressive career by applying fundamental principles and design methodologies of computer science and engineering.
PEO-2	Provide practical solutions to solve problems of industry and society at large.
PEO-3	Exhibit professionalism through managerial skills and develop innovative products.

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 Demonstrate the principles, architecture and organization of computers, embedded systems and computer networks.

PSO2 To develop software applications using advanced technologies to cater the growing needs of industry

INFOSYS CAMPUS CONNECT - SEPT 6 2017



TRAIN THE TRAINER - 06 & 08 .09.2017 CSE



Department of Electronics & Communication Engg.

The Department was established in the year 1997 having vast academic and research experience, it provides undergraduate & post-graduation education to create, innovative graduates who can, design, analyse, develop and produce electronic and communication systems to meet the present day demands.

Today's world is an electronic world and has paved its way in almost every area, such as healthcare, medical diagnosis, automobiles, industries, etc. The emerging trends throughout the world today are IoT, Artificial Intelligence, and Robotics. This will create further demand for electronics and communication engineers in days to come.

The graduates in ECE have many career opportunities in defence services, telecommunications services, embedded systems development, electronic hardware design and manufacturing, VLSI design, software development, power sector, TV industry, music industry, automobiles, space communications, IT, home appliances development, electronic security systems, mobile phones testing and development, communication protocols development, optical communications development, etc.

The department has received funds from agencies like AICTE and VGST. The faculty members and students have published their research articles in various national and international journals/conferences. The department is very keen about the overall development of the students. In this regard various curricular, extracurricular and co-curricular activities are conducted under student chapters of professional bodies like IEEE Student Chapter, IETE and in-house forum called "Vaiseshika". This helps in developing additional skills (value addition) and good attitude among students. The students are given opportunity to gain hands on experience in the emerging areas of Electronics and Communication Engineering through MOUs with IIT Bombay, IBM, Texas Instruments, NI Labs etc. This has helped the department to achieve higher placement records.

VISION

To be a Centre of Excellence for Learning and Development of Skills.

MISSION

- ◆ To equip the graduates with strong foundation to meet the growing challenges.
- ◆ To inculcate design and development skills relevant to the industry and research.
- ◆ To impart innovative technologies and professional values through teamwork.

Programme Educational Objectives (PEO's):

PEO1 To acquire strong knowledge in Basic Science, Mathematics and ability to apply this knowledge in the relevant fields of E&CE.

PEO2 To develop technical competence and uplift research ability to solve real time problems.

PEO3 To obtain professional Excellency through lifelong learning and produce graduates with professional values.

Program Specific Outcomes (PSO's)

PSO1: To understand the principles, processes, techniques and design aspects of electronic devices, circuits and communication systems.

PSO2: To apply, analyse and design electronic circuits, communication systems, embedded systems by using higher engineering mathematical foundations, computational principles and network modeling skills.

PSO3: To develop electronic hardware and software systems for universal requirements using sensors, embedded controllers, signal processors, Analog and digital integrated chips.

Dept. of Mechanical Engineering

The Department, continuously recording excellent results in all semesters and students constantly being exposed to the latest techniques in Mechanical Engg, has earned a lot of accolades due to the well-equipped laboratories and good infrastructure along with a host of qualified and dedicated faculty. Added to this, the conducive atmosphere for research and learning, speaks volumes of the Dept. of Mechanical Engineering, led by Dr. Yadavalli Basavaraj, B.E, M.Tech, Ph.D.

A well-equipped Measurement and Material Testing Lab, along with the other labs such as, Heat Transfer, Internal Combustion Engine, Fluid Mechanics & Machinery, Robotics and CAD/CAM, Dynamics of Machines, Machine Shop and Basic Workshop and a dedicated Project Lab, wherein previous projects are displayed, so that students and faculty can undertake research activities. Regular industrial visit to JSW Steels, KPCL Thermal and Hydro Plant, Kirloskar Ferrous Ltd, LANCO Infratech, etc., are arranged every year.

The department has set up a centre of excellence in the area of Flexible Manufacturing System with Robotic Arm and Conditioning Monitoring with cost of Rs.1.08 Crores and has an MoU with Harita Tech Serve Ltd., (A unit of TVS Group), in the field of NX Siemens Design Academic Modules and Advanced ANSYS are taught to students in addition to university curriculum.

The Department is having a Students Forum viz., "Mechanical Engineers Forum" wherein the students participate in extra-curricular & co-curricular activities, seminars, workshops, etc., Students take initiative in getting innovative technical ideas, which are published in the department Magazine "YANTRIKA". Competitive examination training for PSU, GATE, etc., are also provided.

VISION

To be a center of excellence that provides best of teaching, learning and research.

MISSION

- ♦To impart knowledge with strong theoretical and practical aspects.*
- ♦To prepare effective and responsible graduates to meet the industry requirement.*
- ♦To develop leadership qualities through team work and professional ethics.*

Programme Educational Objectives (PEOs):

- PEO 1 To make graduates self-sustained by exploring to engineering problems with innovative ideas to tackle real-time issues.*
- PEO 2 To make graduates aware of the significance of competence in core engineering concepts to adopt good ethical and leadership qualities.*
- PEO 3 To inculcate the graduates to pursue lifelong learning processes.*

Program Specific Outcomes (PSO's)

- PSO1: Ability to utilize their knowledge in Mechanical Engineering Sciences on an applied basis.*
- PSO2: Ability to apply learned principles to the analysis, design, development and implementation to more advanced mechanical systems or processes.*

Dept. of Electrical & Electronics Engineering

Electrical Engineering is one of the core branches of engineering which has driven the world of technology to excellence. With rapid industrial growth in the country, the requirement of electrical engineers has tremendously increased in power sector, industries, private and government organizations. This has resulted in opening of enormous opportunities for graduate electrical engineers.

The department's excellent infrastructure along with well qualified and professionally experienced faculty of Electrical Engineering Department ensures quality education and bright future to its students. The department has R&D centre for conducting research programs. The department provides modern facilities for practicing modern techniques of pedagogy. Different laboratories are equipped with modern hardware/software design tools for facilitating practical training for students. The facilities are also extended to students for development and demonstration of projects.

The department conducts regular seminars and workshops under the department forum. Experts from the industry and reputed organizations are periodically invited to give lectures and demonstrations to the students on latest developments in the field. Students are given exposure to industries by industrial visits and industrial training session. The department offers post-graduation program in Power electronics. The Department takes pride in its ability to nurture students and produce University Ranks both in UG and PG

The department has student Forum viz., "Electrical Engineer Forum", "Power Electronic Society" and IEEE Student branch that provides platform for student centric activities.

VISION

To create a center for innovation and excellence in teaching, research and service in a learning environment in the high academic ambiance for imparting technical education of high standards to meet the current and future challenges of the technological developments.

MISSION

- To provide highest quality teaching and learning environment with emphasis to produce competent and compassionate graduates in electrical engineering.*
- To discover, disseminate and apply knowledge related to the broad aspects of electrical engineering through education and research in close interaction with industry thus produce graduates who are fully equipped to achieve highest personal and professional standards for overall development.*

Program Educational Objectives (PEO)

- To prepare graduates to excel in professional career by acquiring the broad knowledge of electrical engineering.*
- To prepare graduates capable of pursuing higher education and research.*
- To prepare graduates to engage in lifelong learning, professional development activities, and/or other career enhancing activities.*
- To prepare graduates to develop leadership qualities, professional ethics and soft skills to be successful in their professional careers in industry or academia.*

Department of Civil Engineering

The department is committed towards achieving excellence in technical education so as to produce competent and confident engineers. It houses excellent and modern laboratories, classrooms with projectors, and computing facilities for teaching and research.

The faculty is well motivated and takes personal care of the students and counsels them at regular intervals. The students are encouraged to participate in external competitions and organize industrial visits, survey camps and research projects.

Technical Activities Every semester, technical seminars, Guest lectures and workshops are conducted by inviting experienced academicians and Industrial experts for the benefit of students giving exposure of the recent trends in civil engineering and also arranging technical trips for the students.

***Finishing School:** A concept based program will be conducted for 8th semester Civil Engg Students every year to bridge the gap between industry and institution so as to increase the employability of the students.*

***Consultancy:** The Department has actively involved in consulting services to clients in the following area; Material Testing - Concrete, Bricks, Blocks, Aggregates and Cement, etc.*

Vision:

To be an outstanding center for imparting quality higher education in Civil Engineering for a constantly changing societal needs with credibility, integrity and ethical standards.

Mission:

- *Integrate high quality Civil Engineering Education and research by recruiting high quality faculty.*
- *Continue updating students with the state of the art practice & industrial interaction.*
- *Create a supportive environment to meet professional challenges in various Civil Engg domains.*
- *Facilitate effective interactions among faculty and students, and foster networking with alumni, industries, institutions and other stake-holders.*

Program Educational Objectives (PEO)

- *Graduates would be able to work collaborate on multi-disciplinary projects and make them self-engage in lifelong learning process through their professional life.*
- *Graduates would able to engage themselves in higher education, research oriented program.*
- *Will be able to excel in their Professional career by acquiring functional, analytical, procedural software application and creative knowledge in civil engineering field to have sustainable development as an entrepreneur.*

Master of Business Administration (MBA)

*Set up in 2007, Department of MBA a premier Management Institute ranked amongst the top B Schools in India. DMS-BITM is an ISO 9001:2008 & CRISIL KA B*** Rated quality certified management institute. DMS-BITM has an enviable placement record and it offers an excellent return on investment in terms of the placement packages.*

Top Companies such as Artech Infosystems, Shriram Transport, JSW Cement, Jaro Education, SLV Developers, Juspay, Oracle, IndusInd Bank, ViVo, Mann Hummel, Karvy, Geojit, Living Design, Vodafone, Muthoot Group, College Dehko, TradeBulls, ShareKhan, Axis Bank, AssanJobs, IndiaMart, Thyrocare., etc. are some of the loyal recruiters of our student managers.

DMS-BITM is the B-School which creates corporate leaders who “Make a Difference”. Come and be a part of DMS-BITM, become a successful corporate leader.

DMS-BITM conducts one week pre-induction and orientation programme. Case Study methodology is adopted for every subject. Faculty members are available to guide and clarify and explain in case of any doubts. Internal examination (minimum two) in each subject is held to assess the level of assimilation. they also gives access to the students for the library book bank scheme and reference section, also online and Harvard business Review journals are available for gaining knowledge, add on to it, online learning module (Swayam) is facilitated, this covers the subjects ranging from financial accounting to business communication. These online modules will help students to gain knowledge into the various subjects of management,

VISION:

To provide Value based Management Education to Graduates by enhancing their knowledge and skills through effective linkages with the corporate world.

MISSION:

The mission statement of the B-school describes the purpose of the B-school, its objectives and goals in the given context.

Funds 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	Duration	Amount
BITM ECE	PMKVY	AICTE	2017	1 Year	1,27,500
BITM EEE	SURYA MITRA	NICE GOI	2016	1 Year	6,42,000

Management Information System

The College has a full-fledged Management information system for the Academic and administrative functioning of the college. The administrative system in the college is fully automated with appropriate software and all information on student admission, examinations, marks, fee payments, etc., is available for timely decision making and actions. The College library is also automated and the information regarding availability of books, issue details, etc., is available to the students and staff at finger tips. An online public access catalogue OPAC is implemented to enable the students for speedy and convenient access to the library catalogue. All the academic and administrative issues are deliberated and discussed in the appropriate Committees.

The deliberations are properly debated and action items recorded and the decisions implemented at all levels in the form of proceedings, rules and regulations and policies. All relevant information about the college is published on the college website for reference.

Some forms of MIS are;

- > Daily Absent Report (Staff and Students)
- > IQAC Monthly Presentation
- > Budget Meetings
- > Semester Progress Report
- > Governing Council.
- > One Page Monthly Report
- > Management Review Meetings
- > IQAC Quarterly Meetings
- > Annual Report

Key Certificate Courses:

Name of the Certificate Course	Duration
Training Programme on “ Flexible Manufacturing System ”	6 months
Training Programme on “ NX Unigraphics ”	6 months
Workshop on “ IBM Mobility ”	1 week
Cloud Computing Blue Mix	06 Days
Infosys Campus Connect Training	3 Months

Value-added courses imparting transferable and life skills offered

Value Added Courses	Date of Introduction
Training on Cloud Computing by IBM	17.04.2017
C Programming Technical Training by Bizotic	04.08.2017
Mock interviews	10.08.2017
CGI & Mindtree Company specific training	10.09.2017
Aptitude training by Chanakya	18.09.2017
Training Recap Sessions by Chanakya.	28.09.2017
Softskills & Excel Training by Bizotic	10.10.2017
Technical Training by Rookies World	10.11.2017
Uvimac Company specific training	22.02.2018
Harita Techserv	01.03.2018

<i>Infosys Company specific training</i>	<i>15.03.2018</i>
<i>E Construct Software skills</i>	<i>20.03.2018</i>
<i>J/Qspiders training, Bangalore.</i>	<i>25.04.2018</i>

ICT initiatives:

<i>Number of teachers on roll</i>	<i>Number of teachers using ICT (LMS, e-Resources)</i>	<i>ICT tools and resources available</i>	<i>Number of ICT enabled classrooms</i>	<i>Number of smart classrooms</i>	<i>E-resources and techniques used</i>
<i>217</i>	<i>217</i>	<i>YouTube Videos, Course era Simply learn, Google Class Room, Projectors, Simulation Softwares –Multisim, Xilinx, NI LabVIEW, MATLAB, Computer Systems, internet, wifi, laptop, Ms office, whiteboard, printer, photocopier, pen drive, scanners, e-books, e-journals.</i>	<i>54</i>	<i>2</i>	<i>E Journals (IEEE, T&F Online, Springer, Science Direct), NPTEL Lectures, Video Presentation in recent topics, MOOC,EDUSAT, KNIMBUS (E-library)</i>

Students mentoring system:

The student mentoring system in the institution takes care of the overall development of students in terms of academic performance, building up the career, move towards the right path and be focused in relevant fields. The objectives of the support system are Monitor the academic performance, Mentor and guide them to achieve and do better in academics, Understand the problems including personal and advice appropriately to monitor the overall development of the student. Each student is allotted with a faculty mentor, and each mentor maintains a Proctor form with details like parent OR guardian name, addresses, contact numbers and academic details, academic scores. Psychological counselors are available to all the students who are counseled individually, aided therapeutically and are supported in their aspirations related to academics, career plans to air their grievances and cope with issues which may impede their progress in the above areas. All student mentors encourage the students participation, apart from curricular guidance, also in co-curricular, extra-curricular and other profession activities, which will motivate them stimulate their growth into well rounded young professionals. Regular orientation programs and Parent meetings are conducted bringing parents into the monitoring / mentoring system as key stake-holders. Follow up sessions with the parents/faculty/counselors and mentors are regularly arranged with the students who have poor performance and attendance to enable them to improve their attendance and performance.

Number of students enrolled in the institution: **3570**, Number of fulltime teachers: **212**, Mentor : Mentee Ratio:**1:17**

Honours and recognitions received by teachers:

<i>Name of full time teachers receiving awards from state level, national level, international level</i>	<i>Designation</i>	<i>Name of the award, fellowship, received from Government or recognized bodies</i>
<i>Mr. Sridhar S K</i>	<i>Asst. Prof.</i>	<i>Inspire faculty excellence Award 2017.</i>
<i>Mr. Naseeruddin</i>	<i>Asst. Prof.</i>	<i>Mentor Award – Smart India Hackthon – Ministry of Earth Science, Govt. of India.</i>
<i>Dr. K.M Sadyojatha</i>	<i>Professor</i>	<i>Active SPOC Swayam NPTEL</i>

Workshops / Seminars:

<i>Title of Workshop/Seminar</i>	<i>Name of the Dept.</i>	<i>Date(s)</i>
<i>Orientation Program on How to write Scholarly Articles – Publish or Perish.</i>	<i>ECE</i>	<i>17.11.2017</i>
<i>Two days workshop on Avenues for Research and Publications.</i>	<i>CSE</i>	<i>18.01.2018</i>

Awards for Innovation won by Institution:

<i>Title of the innovation</i>	<i>Name of Awardee</i>	<i>Awarding Agency</i>	<i>Date of award</i>	<i>Category</i>
<i>Bore well Rescue Operation – UTLP Kit</i>	<i>Mr. Paniram Prasad</i>	<i>Institute for Exploring Advances in Engineering</i>	<i>23.04.2018</i>	<i>Open</i>

Research Publications:

<i>Departments</i>		<i>No. of Publication</i>
<i>National / International</i>	<i>CSE, ECE, ME, EEE, CIVIL, MBA, Mathematics, Physics</i>	<i>45</i>

Books and papers in National / International Conference Proceedings per Teacher:

<i>Department</i>	<i>No. of publication</i>
<i>CSE, ECE, ME, EEE, CIVIL, MBA, Mathematics, Physics, Chemistry</i>	<i>80</i>

Bibliometric of the Publications:

Research Papers per Teachers In The Journals

	<i>Name of the author/s</i>	<i>Title of paper</i>	<i>Name of journal</i>
<i>1</i>	<i>Dr. R N Kulkarni</i>	<i>Abstraction of Information Flow Table from a Restructured Legacy 'C' Program to be amenable for Multicore Architecture.</i>	<i>IEEE</i>
<i>2</i>	<i>Dr. R.V.Biradar</i>	<i>Reinforce PSO based Supporting Cluster Head Energy Optimization (RPSO-CHEO) in WSN.</i>	<i>Journal of Adv. Research in dynamical & control systems</i>
<i>3</i>	<i>Dr. R.V.Biradar</i>	<i>A Review on Secure storage using Bidirectional Verification Techniques in Cloud Computing.</i>	<i>IJET</i>
<i>4</i>	<i>Dr. R.V.Biradar</i>	<i>A Novel Technique for Data Integrity using Block Verification in Cloud Computing.</i>	<i>JCTN</i>
<i>5</i>	<i>Dr. R.V.Biradar</i>	<i>Optimization of MQ-7 Gas Sensors in Determining the Concentration of Carbon Monoxide Air Pollutant in different Environmental Conditions of Bengaluru City using Wireless Sensor Networks in Real-Time.</i>	<i>Journal of Adv. Research in dynamical & control systems</i>
<i>6</i>	<i>Mr.Girish Kumar</i>	<i>A Novel Technique for Data Integrity using Block Verification in Cloud Computing.</i>	<i>Journal of Computational and Theoretical Nanoscience</i>
<i>7</i>	<i>Mr. Muhibur Rehman T R</i>	<i>Virtual Solution for Network Data Crowding in Mobile AD HOC Networks</i>	<i>IJARCS</i>

8	Mr. Muhibur Rehman T R	Development of Heterogenous Zone Routing Topology for Mobile Ad Hoc Network	IOSRJEN
9	Mrs. Sheetal J	Automated Skin Less Segmentation and Classification of Granular Parakeratosis using Support Vector Machine	IJESC
10	Anantha N Sbarao	Enhancement in photoelectro catalytic activity of SnO ₂ -Sb ₂ O ₄ mixed metal oxide anode by nano-WO ₃ modification :Application to trypan blue dye - degradation	European Journal of Mechanics - B/Fluids
11	Machappa. T	Tungsten disulphide an efficient material in enhancement of AC conductivity and dielectric properties of polyaniline	Journal of materials science: materials in electronics- Springer
12	Sunil Kumar. A	Tungsten disulphide an efficient material in enhancement of AC conductivity and dielectric properties of polyaniline	Journal of materials science: materials in electronics- Springer
13	Dr.V.C.Patil	OMMIP: An optimized multiple mobile agents itinerary planning for wireless sensor networks	Journal of Information and Optimization Sciences
14	Dr U Eranna	Multi Design Exploration and Register Minimization of Retimed Circuits Using GA in DSP Applications	IJRASET
15	Dr U Eranna	Multi design exploration for high clock speed retime circuits in recursive DSP using evolutionary programming	IJESR
16	Dr U Eranna	A Review on Analysis of Speckle reduction in Ultra Sound Images	IJRASET
17	Mallikarjuna A	Verilog Implementation of 64 bit redundant binary product generator using MBE	International Journal of Advance Research and Innovative Ideas in Education
18	Mallikarjuna A	Smart Garbage collection routing application using IOT & Aurdino board	International Journal of Advance Research and Innovative Ideas in Education
19	Ms. Sowbhagya	An Enhanced Video Stabilization Based on EMD Filtering and Spectral Analysis	IOSR-JCE
20	Mrs. Simontini Roy Chowdhary	Role of IoT in Agriculture	IJARSE
21	Abdul Khadar A	Control topology for emulating the behavior of synchronous machines in voltage source converters	International Journal of Engineering Development and Research (IJEDR)
22	Abdul Khadar A	Design and Implementation of ZigBee Based Smart Grid System for Power Management	IEEE
23	Shantala H,Arathi P.B.	Mitigation of voltage sag using DVR with PI controller	IRJET
24	Raghavendra P and D N Gaonkar	Coordinated Volt/Var Control with Online Voltage-Profile Estimation in Smart Distribution Networks	IEEE Industry Applications Magazine

25	Dr.Raghavendra Joshi, Md. Fayaz K,	"Design and analysis of hybrid composites for industrial helmets"	International journal of advance research in Engineering science and Technology, Vol. 4, issue 7, july 2017
26	H M Anil kumar,	"Effect of tool pin profile on dissimilar friction stir welding of aluminium alloy AA 7075 T651 and AA 6061 T6"	International journal of latest trends in engineering and technology vol 8 ,issue ,may 2017
27	Dr. Raghavendra Joshi,	Evaluation of Al7075 reinforced with 14SiC for its Mechanical Properties & Surface Roughness by Drilling	Materials today Science Direct
28	Dr. Raghavendra Joshi, Shivukumar S Y	" Energy Based Jiles- Artherton and Analytical Magnetostrictive Model to Study Response of Terfenol-D Actuator to a Step Input"	International Journal of Engineering Research in Electronics and Communications Engineering Vol. 4, Issue 11, November 2017
29	Dr.Raju Jadar	" F-MWCNT Nanomaterial Integrated Automobile Radiator "	Materials today Science Direct
30	Lakshmi Kumari	" Studies on TQM Practice in Small and Medium scale Enterprises "	International Journal of Science, Engineering and Management Vol. 2, Issue 11, November 2017
31	Raghavendra Joshi, Vijay Kumar B P, Dr Yadavalli Basavaraj	" Drilling Parameters Optimization and Characterization of Al 7075 reinforced with Al ₂ O ₃ "	Materials today Science Direct
32	Dr. Yadavalli Basavaraj, Santhosh Naik	"Prediction of Blade Resonance of cooling tower fans using Vibration Analysis",	International Journal of Innovative Research in Science, Engineering and Technology(IJIRSET) Volume 6, Issue 4 April 2017. ISSN (Online): 2319-8753; ISSN (Print):2347-6710. DOI:10.15680
33	Dr. Yadavalli Basavaraj	"Analysis of Six Sigma Methodology in Exporting Manufacturing Organizations and Benefits Derived: A Review"	IEEE Xplore Digital Library. DOI:10.1109/CIACT.2017. 7977276. The paper can be reached to the Link http://ieeexplore.ieee.org/document/7977276/
34	H M Anil Kumar,	Evaluation of Mechanical Properties of friction stir welded dissimilar AA2024T351 and AA7075-T6 Alloy	Middle East journal of Scientific Research 25(5):1009-1014,2017
35	Dr V V Ramana	Evaluation of Mechanical Properties of friction stir welded dissimilar AA2024T351 and AA7075-T6 Alloy	Middle East journal of Scientific Research 25(5):1009-1014,2017

36	Mohammed Javed Kalburgi	"Human Resources Development policies and practices for high potentiality and competencies of the employee's performance: A case study of Karnataka Energy Sector"	International Inventive Multidisciplinary Journal
37	Janet Jyothi Dsouza and Mallikarjunappa T	Stock Price Reactions to Earnings Announcements in Indian Stock Market	AIMS Journal of Management
38	Ravi Kumar J S	A Study on Effectiveness of Google Virtual Tour on Business Promotions	Asian Journal of Management
39	Pavan Kumar S S	An Empirical Study on Effect of Demonetization on NSE Bank Nifty Stocks Using Event Study Methodology	Asian Journal of Management
40	Divya Bharathi & Dr.G.P.Dinesh	Womens perspective towards health and fitness-a case study on indian fitness industry and women	Sumedha journal of management
41	Divya Bharathi & G.P.Dinesh	A review on factors influencing the womens perception in the purchase of lifestyle accessories	JETIR International journal
42	Divya Bharathi & G.P.Dinesh	Women consumers are change-o-nomics of indian market space and what marketers should do!!	JETIR International journal
43	Prof. Divyashree N., Mr. Md. Zaheeruddin	Employee Engagement at Ali Alghanim, Kuwait- A Study	International Multidisciplinary e - Journal Vol-6, Issue-10, Oct-2017
44	Devika Rani P./ Ms. Aruna	Technical Analysis of select FMCG companies- An Empirical study	UGC approved International Multidisciplinary e-journal (An International Peer Reviewed, Refereed Journal)
45	Devika Rani P./ Ms. Lakshmi Narayan Malekar	Analysis of Indian Primary Market- A study of IPOs listed at NSE during the period 2012-2016	UGC approved International Multidisciplinary e-journal (An International Peer Reviewed, Refereed Journal)

Papers published in national/ international conference proceedings per teacher

Sl. No	Name of the teacher	Title of the paper	National / International	Name of the publisher
1	Mr.Phani Rama Prasad	Performance Appraisal For Start-Up Company	National	IEAE
2	Mr. C K Srinivas	An Android Application for Current updates in the fields of sports and medical	National	IEAE
3	Mr.Venkateshwar A	Automated Medical Laboratory Report System	National	IEAE
4	Mrs.Pratibha Mishra	An Android Application For College Event Diary	National	IEAE
5	Mr. Azhar Baig	Assured Facet Attestation Using Novel Lightening	National	IEAE
6	Mr. Jagadish R.M.	Smart Department	National	IEAE

7	Mr. Sudhakar Avareddy	Energy Efficient Ring Based Clone Detection Protocol In Wireless Sensor Networks	National	IEAE
8	Mr. Muhibur Rahman	Android Based College Placement Application For An Institution-An Android Application	National	IEAE
9	Mrs. Anitha Patil	Web Portal For Doctor And Patient Communication - A Web Application	National	IEAE
10	Mr. Usman K	Frodo: Fraud Resilient Device For Off-Line MicroPayments	National	IEAE
11	Mrs. Tejeshwini G	Privacy Preserving Access Control Scheme In Cloud	National	IEAE
12	Mr. Hayath T M	Forgery Detection In Textual Graphical Images,	National	IEAE
13	Mr. Virupakshi Gouda	FARMVISOR - Agricultural Based Android Application	National	IEAE
14	Mr. Dadapeer	City Scale Taxi Ridesharing System	National	IEAE
15	Mr. Naveen Kumar	Fraud Detection In Health Insurance Using Data Mining Techniques -A Web Application	National	IEAE
16	Dr. R V Biradar	Easy Blood Management System -A Web Application& Android Application	National	IEAE
17	Mrs. Anitha Patil	Augmenting Dweller Search-Through Web Application	National	IEAE
18	Mr. Phani Rama Prasad	Bidding Application For Agricultural Products Using Amazon Web Services	National	IEAE
19	Mr. Venkateshwar A	Unified Campus	National	IEAE
20	Mrs. Pratibha Mishra	An Android Based Car Parking Management System	National	IEAE
21	Ms. Pooja Kulkarni	Two – Factor Data Security Mechanism For Cloud Storage System	National	IEAE
22	Mr. Kiran M	Android Based Application For Disaster Recovery System,	National	IEAE
23	Mrs. Swathi D V	Web Revisitation By Context And Content Keywords With Relevant Views-A Web Application,	National	IEAE
24	Mrs. Swetashree	A Secured Data Sharing Scheme For Mobile Cloud Computing	National	IEAE
25	Mr. Hari Krishna	Women Protection Android Application	National	IEAE
26	Mr. Phani Rama Prasad	Audit Free Cloud Storage Via Deniable Attribute Based Encryption	National	IEAE
27	Mr. C K Srinivas	Automation Of Student's Performance	National	IEAE
28	Mr. Sridhar S K	Energy Proficient Small Range Mobile Cloud Service	National	IEAE
29	Mr. Venkateshwar A	Design And Development Of Skill And Activity Tracking System	National	IEAE
30	Dr. Suresh	A Review On A Web Application For Smart City	National	IEAE
31	Mr. Sudhakar Avareddy	Reducing The Size Of Updates In Android Applications Using Delta + +	National	IEAE
32	Mr. Md. Shafiulla	Protected And Well-Organized Distribution Of Information In Cloud Using Revocable Storage And Identity Based Encryption	National	IEAE

33	Mr. C K Srinivas	Testee –An Online Application Software Of Social Network For Queries And Answers	National	IEAE
34	Mrs. Anitha Patil	Student Project Allocation And Management Through Online Testing System	National	IEAE
35	Mr. Muhibur Rahman	Unified Locality Management System-An Android Application	National	IEAE
36	G.P.Dinesh, Divya Bharati	A research paper on advertising and marketing to female consumers	National conference	-
37	Dr. V.C.Patil	BMWA: A Novel Model for Behavior Mapping for Wormhole Adversary Node in MANET	International	Springer
38	Dr. V.C.Patil	A survey on VANET'S protocol for improving safety in urban area	International	IEEE Digital Library
39	Dr V C Patil	A Decentralized Multi Competitive Clustering in Wireless Sensor Networks for the Precision Agriculture	International	IEEE Digital Library
40	Dr. V.C.Patil	Assortment of MANET routing protocols and its parameters for different environments	International	IEEE Digital Library
41	Dr. U Eranna	Design and Simulation of Low Drop out Voltage using 180nm CMOS Technology	International	IEEE Digital Library
42	Dr. U Eranna	Paradoxical Monitoring of Urban Areas and Mailbags Tracking system using RFID & GPS	International	IEEE Digital Library
43	Dr. U Eranna	Signal Processing based diagnosis of cardiovascular Anomalies	International	IEEE Digital Library
44	Dr. K.M.Sadyojatha	Smart Home Based user Data Prediction Algorithm model	International	IEEE Digital Library
45	Dr. K.M.Sadyojatha	Design and Implementation of Front End Biological Signal Conditioning	International	IEEE Digital Library
46	Mr. Premachand D.R	Design and Simulation of Low Drop out Voltage using 180nm CMOS Technology	International	IEEE Digital Library
47	Mr. Fareduddin J.S	Location based hybrid spectrum sensing and power allocation in cognitive radio networks	International	IEEE Digital Library
48	Mr. Mallikarjuna. A	Assortment of MANET routing protocols and its parameters for different environments	International	IEEE Digital Library
49	Mr. Naseeruddin	A Comparative Analysis on the Power Consumption Due to Carry Input in Adder Architectures	International	IEEE Digital Library
50	Mr. Naseeruddin	Bandwidth Enhancement Techniques for MPA for Wideband and Multiband Applications	International	IEEE Digital Library
51	Mr. Pramod Mutalik	A survey on VANET'S protocol for improving safety in urban area	International	IEEE Digital Library
52	Mr. Ulaganathan J	Paradoxical Monitoring of Urban Areas and Mailbags Tracking system using RFID & GPS	International	IEEE Digital Library
53	Mr. Ulaganathan J	Design and Implementation of Front End Biological Signal Conditioning	International	IEEE Digital Library
54	Mr. Ulaganathan J	Smart Home Based user Data Prediction Algorithm model	International	IEEE Digital Library
55	Mrs.Swetha.N	Outline of Capacitive Micromachined Ultrasonic Transducers on an Adaptable Substrate for Intravascular Ultrasonography Applications	International	IEEE Digital Library

56	Mr. Abdul Lateef Haroon	Paradoxical Monitoring of Urban Areas and Mailbags Tracking system using RFID & GPS	International	IEEE Digital Library
57	Mr. Abdul Lateef Haroon	Signal Processing based diagnosis of cardiovascular Anomalies	International	IEEE Digital Library
58	Mr. Abdul Lateef Haroon	Design and Implementation of Front End Biological Signal Conditioning	International	IEEE Digital Library
59	Mr. Abdul Lateef Haroon	Smart Home Based user Data Prediction Algorithm model	International	IEEE Digital Library
60	Mr. Raymond I	Paradoxical Monitoring of Urban Areas and Mailbags Tracking system using RFID & GPS	International	IEEE Digital Library
61	Mr. Raymond I	Design and Implementation of Front End Biological Signal Conditioning	International	IEEE Digital Library
62	Mr. Raymond I	Smart Home Based user Data Prediction Algorithm model	International	IEEE Digital Library
63	Mrs, Sarala S	Outline of Capacitive Micromachined Ultrasonic Transducers on an Adaptable Substrate for Intravascular Ultrasonography Applications	International	IEEE Digital Library
64	Dr. U Eranna	Robust Global Gradient Thresholds Estimation in Anisotropic Diffusion for Image Restoration Using DE	International	Springer
65	Dr. V V Ramana,	Comparative Investigation on Al7075 MMC Reinforced with 6 % Al ₂ O ₃ and B ₄ C	International	Material Science & Engineering
66	Dr. Yadavalli Basavaraj,	Comparative Investigation on Al7075 MMC Reinforced with 6 % Al ₂ O ₃ and B ₄ C	International	Material Science & Engineering
67	Manjunath T H,	Comparative Investigation on Al7075 MMC Reinforced with 6 % Al ₂ O ₃ and B ₄ C	International	Material Science & Engineering
68	K C Venkatesh	Comparative Investigation on Al7075 MMC Reinforced with 6 % Al ₂ O ₃ and B ₄ C	International	Material Science & Engineering
69	Dr. V V Ramana,	Investigations on Mechanical Behavior of Al7075 - Nano B ₄ C Composites	International	Material Science & Engineering
70	Dr. Yadavalli Basavaraj,	Investigations on Mechanical Behavior of Al7075 - Nano B ₄ C Composites	International	Material Science & Engineering
71	Manjunath T H	Investigations on Mechanical Behavior of Al7075 - Nano B ₄ C Composites	International	Material Science & Engineering
72	Dr V V Ramana	Experimental study on dissimilar friction stir welding of Al Alloy(5085-H111 & ^082-T6) to investigate the mechanical properties	International	Material Science & Engineering
73	H M Anil Kumar,	Experimental study on dissimilar friction stir welding of Al Alloy(5085-H111 & ^082-T6) to investigate the mechanical properties	International	Material Science & Engineering
74	Dr Raghavendra Joshi	Energy based Jiles-Atherton & analytical Magnetostrictive model to study response of Terfenol-D actuator to a step input	International	IJER in Electronics & Comm. Engg,

75	Mayur Pawar	Experimental study on dissimilar friction stir welding of Al Alloy(5085-H111 & ^ 082-T6) to investigate the mechanical properties	International	Material Science & Engineering
76	Dr V V Ramana	Optimization of dissimilar friction stir welding process parameters of AA5083-H111 & AA6082-T6 by CCD-RSM	International	Springer
77	Shiva Kumar S Y	Energy based Jiles-Atherton & analytical Magnetostrictive model to study response of Terfenol-D actuator to a step input	International	IJER in Electronics & Comm. Engg,
78	H M Anil Kumar	Optimization of dissimilar friction stir welding process parameters of AA5083-H111 & AA6082-T6 by CCD-RSM	International	Springer
79	G Raghavendra Setty	Design & Fabrication of Semi automatic wall plastering machine	International	NIT, Tiruchirapalli

Faculty provided with financial support to attend conferences/workshops and towards membership fee of professional bodies: 129

Professional development /administrative training programs organized by the institution for teaching and non-teaching staff: 08

No. of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP) (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.): 42

Procedure for Infrastructure Management and Administration Process:

The infrastructure management process can be divided into two sub-processes consisting to have processes for each activity.

- I. Infrastructure Maintenance
- II. General Administration

INFRASTRUCTURE MAINTENANCE

PURPOSE

- > To ensure availability of Electricity and Water in BITM campus.
- > To have a procedure for maintenance activities. Maintain Water and Electric equipment.
- > Ensure timely availability of Medical Facilities and First Aid Kit.
- > To maintain Hostel and Guest house facilities.
- > Fire Extinguishers, Theft, Insurance, etc.

PROCESS FLOW

Input > Plan for Electrical, Water, STP & House keeping

Resources / enablers > Preventive maintenance activities and actions

Output > Availability of facilities

PROCESS**Planning**

Head of Maintenance maintains List of Equipments - Water sources, Electrical distribution systems, Hospital tie ups and plans for the maintenance through internal or external agencies.

Maintenance of Electricity

- a) Uninterrupted electric supply is ensured through power house with feeders for institution and total BITM campus.
 - b) DG sets are of "Auto start" in nature, which run and shut down based
 - c) On the non-availability/resumption of KEB supply and it is connected to essential loads identified.
 - d) Computer labs are supported by UPS.
 - e) The power house is manned, round the clock on a shift basis. Procurement of diesel is on need based, based on an average consumption in the past.
 - f) Generator Maintenance Log book is maintained for the running and servicing of the generators.
 - g) Consumption of diesel per running hour is maintained in the logbook and same is monitored monthly.
 - h) Generators are operated as per manufacturers manual.
 - i) Stand-by powerhouse comes into operation under two conditions
- 1) Routine power shut downs: When shut down of power is known / intimated w.r.t time and duration, the generator is starts as soon as power fails to ensure uninterrupted or minimum break of power.
 - 2) Power breakdowns: When sudden break down of power occurs from KPTCL supply, the generator starts as soon as power fails to ensure uninterrupted or minimum break of power.

Planned Maintenance:

- a) An annual preventive maintenance record is drawn by the head of maintenance taking into the consideration the sub stations, various feeder units, electrical appliances and UPS in the Institute.
- b) These are maintained through service providers / appointed staff for maintenance and records of the same are maintained through the service reports provided.
- c) Waste management is to be organized, ensuring bins for various types of wastes and disposing them off periodically with the help of the city corporation.

Breakdown Maintenance:

- a) Breakdown maintenance is maintained for registering breakdown and complaints.
- b) Records/Documents/Files related to Electricity breakdown shall be maintained separately by Electrical Maintenance Department using the same form.
- c) Priorities are given based on the area of activity and importance.
- d) After attending to breakdowns the entries are closed with corrections and solutions provided and confirmations are recorded.
- e) Incident Reports giving details of occurred incidents and action taken for future use is maintained.

Maintenance of Water Supply:

- a) Water supply to the Campus is from Bore wells and open wells.

- b) *List of Motors, are maintained by head of Maintenance with the Rating and SL No of the motors.*
- c) *The quality of Water is checked once in six months and records maintained in files.*
- d) *Water supply timings to the overhead tanks / buildings are pre-determined and followed.*
- e) *Spare pumps are maintained for critical lines in starve.*
- f) *Based on the plan maintenance is carried out on Pumps and bore wells and records are maintained.*
- g) *Cleaning of tanks and chlorination is done on need basis and the details are maintained.*
- h) *Maintenance of water supply to various points (Plumbing) is carried out by appointed staff and maintain the maintenance record, including the stock, used and remaining to maintain minimum stock level.*

Maintenance of Medical Facilities:

- a) *Maintain First aid kit made available in all floors/areas/departments in centralized and identified area.*
- b) *List of Medicines available in First aid kit with expiry date and other necessary details are maintained.*
- c) *Always display emergency numbers in every notice boards and update regularly if there are changes.*
- d) *Make avail of Ambulance/any vehicle in a campus for emergency and other situations.*
- e) *In house dispensary is maintained along with necessary equipment, a full time doctor along with a nurse for assistance.*

Maintenance of Buildings

- a) *Ensure that the Buildings, Guest House and Hostels premises are maintained clean, neat and hygienic.*
- b) *Ensure that they are periodically painted and washed, in case of any problems with buildings, are attended to promptly.*
- c) *Ensure that furniture & other accessories like Black Boards, White Boards etc., are periodically maintained, by polishing and repairing.*

Housekeeping

Housekeeping is managed through adequate controls and records as required for ensuring cleanliness. Records of housekeeping personnel are maintained by HR process.

Reviewing the Plans

Monitor the policies and programmes for compliances and bring about corrective actions.

Main Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

<i>Name of the capability enhancement program</i>	<i>Date of Implementation</i>	<i>Name of Agencies or Consultants involved with Contact Details(If any)</i>
<i>International Yoga Day</i>	<i>21 June 2018</i>	<i>BITM-NSS</i>
<i>Infosys Campus Connect</i>	<i>09 April 2018</i>	<i>BITM Faculty</i>
<i>Cyber Security & Ethical Hacking</i>	<i>09 March 2018</i>	<i>Geekslab Technologies Pvt. Ltd</i>
<i>Soft Skills Training & Development Program</i>	<i>22 February 2018</i>	<i>Innovation Unlimited Solutions</i>
<i>Communication Skills</i>	<i>22 February 2018</i>	<i>Innovation Unlimited Solutions</i>

<i>Advanced Excel for Finance</i>	<i>09 November 2017</i>	<i>Mr. Vimallesh, Sr. Manager, Standard Chartered GBS Pvt., Ltd.</i>
<i>Student development program on Cloud Computing Blue Mix</i>	<i>26 October 2017</i>	<i>IBM Certified BITM Faculties</i>
<i>Student development Program on Mobility(Worklight)</i>	<i>23 September 2017</i>	<i>IBM Certified BITM Faculties</i>
<i>English Communication training via ELL Scholar Software in the Language Lab for the First year B.E students</i>	<i>14 August 2017</i>	<i>BITM Faculty</i>
<i>Wipro Mission 10X</i>	<i>06 August 2017</i>	<i>BITM Faculty</i>

Collaborative activities for research, faculty exchange, student exchange

<i>Nature of Activity</i>	<i>Participant</i>	<i>Source of financial support</i>	<i>Duration</i>
<i>Publications</i>	<i>BE-139</i>	<i>BITM</i>	<i>180</i>
<i>Wipro Technology learning centre inter disciplinary projects</i>	<i>BE-30</i>	<i>BITM</i>	<i>365</i>
<i>Student Exchange</i>	<i>BE-01</i>	<i>BITM</i>	<i>90</i>
<i>Faculty Exchange</i>	<i>FAC-05</i>	<i>BITM</i>	<i>2</i>
<i>E-Yantra Lab</i>	<i>BE-15</i>	<i>BITM</i>	<i>120</i>

Linkages with institutions/industries for internship:

<i>Nature of linkage</i>	<i>Title of the linkage</i>	<i>Name of the partnering institution/ industry /research lab with contact details</i>	<i>Duration</i>		<i>Participant</i>
			<i>From-</i>	<i>To</i>	
<i>On-Job Training</i>	<i>IBM Speciality Labs</i>	<i>IBM India Pvt. Ltd.,</i>	<i>26.10.2017</i>	<i>30.10.2017</i>	<i>75</i>
<i>On-Job Training</i>	<i>IBM Speciality Labs</i>	<i>IBM India Pvt. Ltd.,</i>	<i>23.09.2017</i>	<i>28.09.2017</i>	<i>75</i>
<i>On-Job Training</i>	<i>E-Yantra Robotics Lab.</i>	<i>IIT-Mumbai</i>	<i>01.09.2017</i>	<i>30.11.2017</i>	<i>16</i>
<i>Internship</i>	<i>VTU Internships</i>	<i>Banking / Finance / Marketing AND HR Industries</i>	<i>15.01.2018</i>	<i>24.03.2018</i>	<i>124</i>
<i>Internship</i>	<i>VTU Internships</i>	<i>JSW / BTPS</i>	<i>01.10.2017</i>	<i>30.11.2017</i>	<i>08</i>
<i>Sharing of Research Facility</i>	<i>Physics AND Chemistry Research Lab,</i>	<i>VSK University and Veerashaiva College Ballari</i>	<i>01.06.2017</i>	<i>31.07.2018</i>	<i>10</i>

MoUs:

<i>Organisation</i>	<i>Date of MoU's signed</i>	<i>Purpose and Activities</i>	<i>Number of students / teachers participated under MoU's</i>
<i>J Spiders</i>	<i>31.10.2017</i>	<i>Skill Development in the Area of Manual and Automated Tested and JAVA Programming</i>	<i>180</i>

Scholarships and Awards

Deserving students of BITM get the benefit of scholarships and awards, based on their performance. They can even apply for fee concession on a prescribed form.

Scholarships and Financial Support

	Name / Title of the scheme	Number of students	Amount in Rs.
Financial support from institution	Fee Concession and Economical Scholarship	190	17,42,800
Financial support from other sources			
a) National	Govt. of Karnataka / OBC, SC, ST Scholarships	2220	5,94,25,525
b) International	NIL	0	0

Students benefited by guidance for competitive examinations and career counselling offered by the institution.

Details of career counselling	Number of students attended / participated	Number of students placed through campus placement
Opportunities in Wind Renewable Energy by Mr. Anil Deshpande, Head HR, Suzlon	336	361
Building a successful career by Mr. Girish, Founder & CEO, Test Yantra Solution	432	
Importance of Soft skills by Mr. Sundar KS, Infosys Campus Connect Head	146	
IBM Artificial Intelligence and Machine Learning by Mr. Anantha Padmanabhan, Business Solution Manager and Analytics, IBM India.	334	
Software Industry Awareness Program by Mr. Paul Singh (Alumni), Chief Security Analyst, IBM India Ltd.,	186	
Awareness Session IT Industry expectation from a fresher perspective by Mr. Madhu, ABC for Java, Bengaluru	278	
Skills Sets required for Industry by Mr. Srinidhi, Sr. Engineer	160	

TRAINING, PLACEMENT, HIGHER EDUCATION & COMPETITIVE EXAMINATIONS

Activity of Student CRs:

The College creates a platform for the active participation of the students in the various academic and administrative bodies including other activities. This empowers the students in gaining leadership qualities, rules, regulations and execution skills.

Selection, Constitution, Activities and Funding

- .. Class representatives will be selected from each section from 1st year to Final year.
 - .. The student representative brings forward the views and suggestions of the entire class with respect to the faculty, subjects, syllabus and other things related to the class.
 - .. The student representatives share ideas and interact with lecturers and principals.
 - .. The student representatives also help to raise funds for activities including Social events, Community projects, helping people in need and college reforms
 - .. Various programs like paper presentations, workshops and Seminars are organized by these bodies every year.
- The funding for various activities of the internal college bodies is provided by the College Management.

Students part of IQAC, Cultural Committee and Hostel Committee.

Campus Placements, Higher Education & Competitive Examinations:

Institution has successfully placed 361 students for the current academic year in top rated companies. This placement is the highest in the Hyderabad Karnataka Region.

The institution promotes and encourage the students to pursue higher education in India and abroad for the current academic year 14 students opted for higher education through PG-CET, GATE, GRE and IELTS.

Competitive exams: The institution provides competitive exams training for the students aspiring for central and state government jobs. 15 students have successfully cleared the competitive exams.

Sports and cultural activities / competitions

Sports Activities

* A modern Sports Complex at the college to enable students participate in Sports & Games of their choice and to encourage the students to participate in different Youth Festivals, University Level, State Level tournaments, etc.

BITM not only holds itself as a centre for learning. But also encourages recreation as a part of the overall wellbeing of its students. A playing field adorns the BITM campus where sports such as Football, Cricket, Volleyball, Tennis and Basketball are given prime importance, for the students to take part in inter-collegiate and VTU tournaments, which are also organized. BITM also has a well-equipped gym, which opens at 6.00 am for the health conscious early birds.

Sports activities / competitions:

Date of Event	Name of the event/activity	No. of Participants
01.09.2017	1. TABLE TENNIS (M)	5
	2. TABLE TENNIS (W)	5
05.09.2017	3. BADMINTON (M)	6
	4. BADMINTON (W)	3
30.08.2017	5. Swimming Competitions	1
05.10.2017	6. BASKET BALL (M)	12
06.11.2017	7. 20th VTU INTER COLLEGIATE ATHLETIC MEET (M/W) VTU Campus , Belgavi	16
11.02.2018	8. CRICKET	68
21.02.2018	9. FOOT BALL MEN	21
08.03.2018	10. FOOT BALL Men Intra Mural Sports Meet	60
10.03.2019	11. VOLLEY BALL Men, SECAB IT, VIJAYA PURA	10
13.03.2018	12. HAND BALL, BEC -BAGAL KOT	10
15.03.2018	13. CRICKET (Men), RYMEC BALLARI	18
15.03.2018	14. VOLLEY BALL Men Intra Mural sports Meet	67
16.03.2018	15. BASKET BALL Men Intra Mural Sports Meet	35
18.03.2018	16. BADMINTON MEN Intra Mural sports Meet	35
	17. BADMINTON Women's Intra Mural Sports Meet	3
21.03.2018	18. TT Women's Intra Mural Sports Meet	4
	19. TT Men Intra Mural Sports Meet	6
22.03.2018	20. THROW BALL Women's Intra Mural Sports Meet	22

10.04.2018	21. KHO-KHO, RYMECBALLARI	11
<i>Date of Event</i>	<i>Name of the event/activity</i>	<i>No. of Participants</i>
	I. Fine Arts Day	
19-08-2017	1. Rangoli	71
	2. Best out of scrap	26
	3. Collage	28
	4. Face Painting	9
	5. Mehendi	28
	II. Literary Day	
30-09-2017	6. Debate	22
	7. Elocution	25
	8. Coding & Debugging	104
	9. General Quiz	35
	III. Theatrical Day	
24-03-2018	10. Dance	25
	11. Mime	4
	12. Skit & Drama	4
	IV. Audio-Visual Day	
31-03-2018	13. Short movie making	4
	V. Explorika 2K18	
07-04-2018	14. Paper presentation	101
	15. Skit & Drama	17
	16. Dance	84
	17. Cook without fire	199
	18. Mime	27
	19. Pot Painting	5
	20. Photography	7
	21. Painting	28
	22. Short movie making	5
	23. Singing	39
	24. General Quiz	80
	25. Treasure Hunt	80
08-04-2018	26. Mehendi	90
	27. Model making	53
	28. Rangoli	222
	18th VTU-YOUTH FEST-KALASURABHI	
11-04-2018	29. Dance	12
	30. One act play	9
	31. Skit	6
	32. Mime	6
	33. Quiz	3
	34. Singing	6
	35. Debate	2
	36. Poster making	1
	37. Elocution	1
	38. Spot Photography	1
12-04-2018	39. Best out of scrap	62

	40. Coding & debugging	105
	41. Collage	60
	42. Debate	22
	43. Dubsmash	14
	44. Elocution	24
	45. Face painting	26
12-04-2018	46. Rangoli	1
13-04-2018	47. Clay Modelling	1
	48. On spot Painting	1

BITM Alumni Association

BITM Alumni Association Registered

BITM Alumni Association is a **Registered under the Karnataka Societies Registration Act 21 of 1960, under Registration No. BLY S287/2015-16, Dated 14.12.2015** and its office is located at BITM Campus.

The Aims and Objectives

- A. To provide a forum for the old students of the College to meet and discuss the matters of common interest.
- B. To promote the interests of the College and its past and present students.
- C. To promote goodwill and mutual assistance among the members.
- D. To contribute to the cause of technical education by sharing the experience of those in the field.
- E. To help the authorities to improve the academic and cultural activities of the college.
- F. To co-operate with the students in literary, cultural and sports activities of the college.
- G. To help the members in employment and service matters without interfering in the policies of their employers.
- H. To arrange and conduct programmes of general and technical nature.
- I. To co-operate with other such bodies for the same ends.
- J. To promote other matters beneficial to prospects of the association.
- K. To extend financial help to economically backward and deserving students in form of scholarship for UG and PG of the institution.
- L. Any other activities that the general body may decide from time to time.

In this academic year 820 alumni students were enrolled.

Meetings / Activities organized by Alumni Association: 05

PG GRADUATION DAY - JULY 01 2017



UG GRADUATION DAY - 19.05.2018



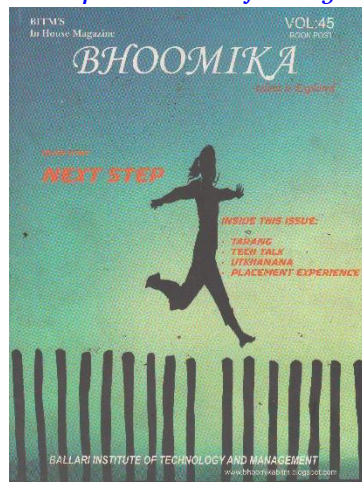
CENTRAL LIBRARY (KNOWLEDGE CENTRE)

The Central Library is one of the central pillars of the institute it is also known as Knowledge Centre. The library is housed in the cellar of the admin block, it is the life line of academic activities of the Institute. The library stretches over an area of 1100.96 Sq. mts. with a seating space of about 500 members. Library is kept Open from 09 A.M to 10 PM on all working days, in Vacations from 09 am to 5:30 pm.

- The library has a collection of 92,135 volumes of Books with 9,435 Titles on Engineering, Management and Humanities. Library subscribed to **Print Journals** and **packages of e-journals** through VTU Consortium are subscribed. Library collection as per AICTE norms.
- Availability of special Collection of Books like Dictionaries, Hand Books, Encyclopaedia, and for competitive exams GATE, GRE, TOFEL etc.
- Old Question papers are maintained for reference for Staff and Students.
- Library is fully atomized with Easylib software and collections are Barcoded. All library transaction are through software.
- The library follows OPEN access systems where students can choose their Book. It facilitates the users to browse and pick up the documents of their choice without any hindrance.
- E-Journals: IEEE-IEL, Taylor & Francis, ASCE, ASME, ProQuest, Knimbus-Digital Library, Knimbus-Remote access, Kopykitab, Sentientia and Springer. Library facilitates Training / Awareness about and access to e-journals by experts. All the e-resources are multiuser based on IP addresses of the Institute.
- E-books: Springer and Taylor & Francis total collection of books e-books would be downloaded from internet through dedicated Central Computing Centre.
- Digital library upgraded with data of VTU & NPTEL Video lectures, and PDF from VTU E-learning, Mysuru.
- Library has 24x7 Security systems with closed Circuit Television System (CCTV).

Facilities at BITM

- * 903 Nos. Computers have been provided in all the Depts./ Labs with LAN System. 180 MBPS Leased line Internet with WI-Fi facilities to all the staff & students.
- * Parent Interaction Cell, which provides the information about the performance of their ward on regular basis. Regular meeting with Parents are conducted by all the departments.
- * Transport facility, which provides with fleet 15 College Buses.
- * ISTE Chapter for Staff & Students, Seminar Hall with audio visual aids and VTU EDUSAT Program.
- * Staff Development Programs and Personal Development & Career Guidance Programs for the students by inviting the experts as Resource Persons in the relevant field.
- * The Training & Placement Cell endeavors to arrange Industry – Institution Interaction. Various industries have conducted campus interviews and selected many students. like; Infosys Ltd., HCL, L&T, JSW, etc.,
- * NSS Unit & Cultural activities organized by the College & University.
- * Separate hostels for Boys & Girls.



- * Medical Centre with Ambulance facility.
- * Canteen: The Canteen in the campus serves hygienic food and is open on all working days.
- * Transportation: With a fleet of 17 buses, BITM offers convenient transport facilities for students to avail.

"Bhoomika" Quarterly Magazine is published by the students depicting their creativity and achievements.

Faculty Empowerment Strategies

<i>Name of teacher</i>	<i>Name of conference/ workshop attended for which financial support provided</i>	<i>Name of the professional body for which membership fee is provided</i>
M Swetha.K.C	One day workshop ON Soil and water conservation	VTU Belagavi
Chaitra M	One day workshop ON Soil and water conservation	VTU Belagavi
Mr. Basavaraj.B	One day workshop ON Civil Engg & Mechanics	VTU belagavi
Mr.Shivu kumar.K	One day workshop ON Civil Engg & Mechanics	VTU belagavi
Dadapeer	Two Days Workshop on Avenues for Research and Publications	BITM, Ballari
Dr. R N Kulkarni	Industry-Institute interaction event,ICT Academy BRIDGE-17	Hotel Le Meridien Bangalore
Anita Patil	Two Days National level Workshop on Internet of Things IOT 2018	BITM, Ballari
Azhar Baig	Two Days National level Workshop on Internet of Things IOT 2018	BITM, Ballari
Dadapeer	Two Days National level Workshop on Internet of Things IOT 2018	BITM, Ballari
H Hari Krishna	Two Days National level Workshop on Internet of Things IOT 2018	BITM, Ballari
Md. Shaftulla	Two Days National level Workshop on Internet of Things IOT 2018	BITM, Ballari
Naveen Kumar G	Two Days National level Workshop on Internet of Things IOT 2018	BITM, Ballari
Pooja Kulkarni	Two Days National level Workshop on Internet of Things IOT 2018	BITM, Ballari
Sheetal J	Two Days National level Workshop on Internet of Things IOT 2018	BITM, Ballari
Shwethashree A	Two Days National level Workshop on Internet of Things IOT 2018	BITM, Ballari
Sridhar S K	Two Days National level Workshop on Internet of Things IOT 2018	BITM, Ballari
Sudhakar Avareddy	Two Days National level Workshop on Internet of Things IOT 2018	BITM, Ballari
Tejashwini S G	Two Days National level Workshop on Internet of Things IOT 2018	BITM, Ballari
Usman K	Two Days National level Workshop on Internet of Things IOT 2018	BITM, Ballari
Venkateshwar	Two Days National level Workshop on Internet of Things IOT 2018	BITM, Ballari
Swathi D V	Two Days FDP on “ Hands on Python for Data Science: Insight into Machine Intelligence with Tensorflow”	REVA University, Bangalore
Swetha Sri	Two Days FDP on “ Hands on Python for Data Science: Insight into Machine Intelligence with Tensorflow”	REVA University, Bangalore
Prof. Venkateshwar	Three Days Workshop on “ Computer Network Programming in JAVA & Network Simulator-2”	SJBIT, Bangalore

<i>Sudhakar Avareddy</i>	<i>Three Days Workshop on Computer Network Programming in JAVA and Network Simulator 2</i>	<i>Bangalore</i>
<i>Pooja Kulkarni</i>	<i>Faculty Enablement Prog,"Foundation Prog 4.1" in colabration with Infosys Campus Connect</i>	<i>Paavai Engg Col, TamilNadu</i>
<i>Sheetal J</i>	<i>Faculty Enablement Prog,"Foundation Prog 4.1" in colabration with Infosys Campus Connect</i>	<i>Paavai Engg Col, TamilNadu</i>
<i>Tejashwini S G</i>	<i>Faculty Enablement Prog,"Foundation Prog 4.1" in colabration with Infosys Campus Connect</i>	<i>Paavai Engg Col, TamilNadu</i>
<i>Sirisha</i>	<i>3 DAYS Workshop on Applications of MATLAB / SIMULINK in Control Systems, Power Systems, and Signal Processing</i>	<i>MVJCE, Bangalore</i>
<i>Mallikarjuna. A</i>	<i>ICEECCOT-17 IEEE conference</i>	<i>GSSS IETW Mysore</i>
<i>Swetha N.</i>	<i>ICIOTSC 17, Nellore</i>	<i>ICEECCOT 17, Nellore</i>
<i>Sumalatha</i>	<i>IOT Workshop at NITK, Surathkal</i>	<i>NITK, Surathkal</i>
<i>Sumalatha</i>	<i>5 DAYS Workshop on Recent Advances in XILINX and ASIC Design.</i>	<i>JNTU, Anantapur</i>
<i>Bharathi</i>	<i>IOT, NITK, Surathkal</i>	<i>NITK, Surathkal</i>
<i>Abdul Lateef,</i>	<i>ICEECCOT 17, Mysore</i>	<i>ICEECCOT 17, Mysore</i>
<i>Raymond Irudayaraj .I</i>	<i>ICEECCOT 17, Mysore</i>	<i>ICEECCOT 17, Mysore</i>
<i>Swetha N.</i>	<i>ICEECCOT 17, Mysore</i>	<i>ICEECCOT 17, Mysore</i>
<i>Ulaganathan J</i>	<i>ICEECCOT 17, Mysore</i>	<i>ICEECCOT 17, Mysore</i>
<i>Bharathi</i>	<i>5 DAYS Workshop on Algorithm Foundations of Wireless Sensor Network with applications.</i>	<i>NITK, Surathkal</i>
<i>Pramod Mutalik</i>	<i>5 DAYS Workshop on Algorithm Foundations of Wireless Sensor Network with applications.</i>	<i>NITK, Surathkal</i>
<i>Shilpa K R</i>	<i>5 DAYS Workshop on Algorithm Foundations of Wireless Sensor Network with applications.</i>	<i>NITK, Surathkal</i>
<i>Geetha H Y</i>	<i>5 days Short Term Course – Algorithmic foundations of WSN with applications.</i>	<i>NITK, Surathkal</i>
<i>Nayana .M</i>	<i>Workshop on Matlab/simulink in control system,power system & signal processing</i>	<i>MVJ, Bangalore</i>
<i>Manjula R.</i>	<i>MiniPoco, IEEE workshop.</i>	<i>Palm Beach Hotel, Vishakapatnam</i>
<i>Nilam Chheda,</i>	<i>MiniPoco, IEEE workshop.</i>	<i>Palm Beach Hotel, Vishakapatnam</i>
<i>Pramod Mutalik</i>	<i>IEEE conference ON SAMRT TECHNOLOGY FOR SMART NATION</i>	<i>Reva University Bangalore</i>
<i>Abdul Lateef Haroon</i>	<i>Workshop on ARM cortex</i>	<i>GSSS IETW Mysore</i>
<i>Srikantha K.M</i>	<i>Workshop on ARM cortex</i>	<i>GSSS IETW Mysore</i>
<i>Abdul Lateef Haroon</i>	<i>Instructional Design and Delivery system (NIITTR Chennai)</i>	<i>BITM, BALLARI</i>
<i>Aswathanarayana</i>	<i>Instructional Design and Delivery system (NIITTR Chennai)</i>	<i>BITM, BALLARI</i>
<i>Geetha H Y</i>	<i>Instructional Design and Delivery system (NIITTR Chennai)</i>	<i>BITM, BALLARI</i>
<i>Hemantha Kumar R</i>	<i>Instructional Design and Delivery system (NIITTR Chennai)</i>	<i>BITM, BALLARI</i>
<i>Ranjit Pyati</i>	<i>Instructional Design and Delivery system (NIITTR Chennai)</i>	<i>BITM, BALLARI</i>

<i>Sagara T.V</i>	<i>Instructional Design and Delivery system (NIITTR Chennai)</i>	<i>BITM, BALLARI</i>
<i>Shilpa K.R</i>	<i>Instructional Design and Delivery system (NIITTR Chennai)</i>	<i>BITM, BALLARI</i>
<i>Ulaganathan. J</i>	<i>Instructional Design and Delivery system (NIITTR Chennai)</i>	<i>BITM, BALLARI</i>
<i>Prathibha Shanbog .P.S</i>	<i>short term course on C++ & data structure</i>	<i>IIT Karagpur</i>
<i>Dr. Sadyojatha K M</i>	<i>IEEE Young Professionals in Space</i>	<i>Sterling MAC Hotel Bangalore</i>
<i>Hemantha Kumar R</i>	<i>IEEE Young Professionals in Space</i>	<i>Sterling MAC Hotel Bangalore</i>
<i>Manjunath. G.</i>	<i>IEEE Young Professionals in Space</i>	<i>Sterling MAC Hotel Bangalore</i>
<i>Naseeruddin</i>	<i>IEEE Young Professionals in Space</i>	<i>Sterling MAC Hotel Bangalore</i>
<i>B S Khened</i>	<i>Industry-Institute interaction event, ICT Academy BRIDGE-17</i>	<i>Hotel Le Meridien Bangalore</i>
<i>Abdul Khadar</i>	<i>Power System Analysis I</i>	<i>VTU, Belagavi</i>
<i>Arati P B</i>	<i>Intelligent algorithm and applications</i>	<i>Dr. Ambedkar Institute of Technology, Bengaluru</i>
<i>Md Anwar</i>	<i>Power System Analysis I</i>	<i>VTU, Belagavi</i>
<i>Rajya Laxmi</i>	<i>Power System Analysis I</i>	<i>VTU, Belagavi</i>
<i>Santosh B M</i>	<i>Power System Analysis I</i>	<i>VTU, Belagavi</i>
<i>Shantala H</i>	<i>New model curriculum for first year B.E/B.Tech. CBCS detailed syllabus 2018 19 as per outcome based education format including course outcomes and Blootaxonomy</i>	<i>VTU, Belagavi</i>
<i>Sujata D</i>	<i>Power System Analysis I</i>	<i>VTU, Belagavi</i>
<i>Sarala P</i>	<i>Effective teaching and learning of smart grid and micro grid technologies</i>	<i>NIT, Warangal</i>
<i>Shantala H</i>	<i>Effective teaching and learning of smart grid and micro grid technologies</i>	<i>NIT, Warangal</i>
<i>Sandeep Y M,</i>	<i>Workshop on DSP lab</i>	<i>Acharya Institute of Technology, Bengaluru</i>
<i>Vijaya Krishna</i>	<i>Workshop on DSP lab</i>	<i>Acharya Institute of Technology, Bengaluru</i>
<i>Dr. KSR Sridhar</i>	<i>Workshop: Blowup syllabus for Engineering Mathematics-I and II(17MAT11 and 17MAT21)</i>	<i>VTU, BELAGAVI</i>
<i>Dinesh K</i>	<i>Workshop on Research Methodology,</i>	<i>Karnataka Science and Technology Academy (KSTA), Bangalore</i>
<i>Dr.Shaheeda Banu.S</i>	<i>Two-day MDP on Digital Marketing (XIME)</i>	<i>Xavier Institute of Management & entrepreneurship, Kochi</i>
<i>Shivakumar S.Y.</i>	<i>4th International Conference on Chip, Circuitry, current, coding, Combustion & Composites (i7C-2017)</i>	<i>Sri Sai Ram College of Engg., Bengaluru</i>
<i>Dr. Raghavendra Joshi</i>	<i>Research Methodologies and Latex</i>	<i>VKIT Puttur</i>
<i>Lakshmi Kumari</i>	<i>Research Methodologies and Latex</i>	<i>VKIT Puttur</i>

Lakshmi Kumari T.	4th International Conference on Chip, Circuitry, current, coding, Combustion & Composites (i7C-2017)	Sri Sai Ram College of Engg., Bengaluru
Dhananjaya Kumar	Research Methodology	KSTA, DST, GOK Bangalore
Dr. U. M. Daivagna	Elements of vibration analysis	NITTT and REACHERCH KOLKATA
Manjunath E	Instructional Design And Delivery System	NITTT and R CHENNAI
RAGHAVENDRA KARNOOL	Instructional Design And Delivery System	NITTT and R CHENNAI
Raghavendra Setty	Instructional Design And Delivery System	NITTT and R CHENNAI
Raghavendra Setty	International Conference on Applied Sciences Engineering and Technology ICASET 2017	MIT, Manipal
Raghavendra Setty	Vibro –acoustics	IIT BOMBAY
B. Ganesh	International confernece on Appied Sciences, Engineering and Technoogy ICASET 2017	MIT, Manipal
SUNIL KUMAR A	2nd INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS	Govt. Engineering College, Bikaner
TEJASHWINI A I	WORKSHOP ON RESEARCH METHODOLOGY	Dept. of Science & Technology, Govt. of Kanrataka, Bangalore
Dr.T. MACHAPPA	2nd INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS	Govt. Engineering College, Bikaner
Sharan Kumar T M	KSTA National Conference on “role of science and technology in rural development”	Sri Gavisiddeshwara art, science & commerce college , koppal.
Sushma B	"Emerging Trends in Chemistry and Material Science”	Gogte Institite of Technology ,Belagavi
Vindhya R	"Emerging Trends in Chemistry and Material Science”	Gogte Institite of Technology ,Belagavi
Nirmala	Development of sustainable smart cities prespectives on engineerng challenges International workshp	Moodbidri
Tanu.H.M	Development of sustainable smart cities prespectives on engineerng challenges International workshp	Moodbidri
Anil kumar.H.M	A study on use of rubber as partial replacement of fine aggregate	International conference at Chikabalapur
Anil kumar.H.M	Software application lab	DSATM, Bangalore
Sagar N S	Software application lab	DSATM, Bangalore
Basvaraj.B	Remote sensing & GPS GIS in Civil Engg	NITTR Chandighar
Girish Kumar D	One day workshp on "New model Curriculum for 1st year on C Programming"	VTU Belagavi
Md. Shafiulla	One day workshp on "New model Curriculum for 1st year on C Programming"	VTU Belagavi
Dr. Yeresime Suresh	Workshop on Moodle	HKBK, Bangalore
Mallikarjuna. A	NPTEL on Effective engineering teaching in practice	BITM, BALLARI

<i>Premchand D.R</i>	<i>NPTEL on Effective engineering teaching in practice</i>	<i>BITM, BALLARI</i>
<i>Dr. Sadyojatha K M</i>	<i>NPTEL on Effective engineering teaching in practice</i>	<i>BITM, BALLARI</i>
<i>Manjunath. G.</i>	<i>NPTEL on Effective engineering teaching in practice</i>	<i>BITM, BALLARI</i>
<i>Prabhakar. K</i>	<i>NPTEL on Effective engineering teaching in practice</i>	<i>BITM, BALLARI</i>
<i>Shiva Kumar K.S</i>	<i>NPTEL on Effective engineering teaching in practice</i>	<i>BITM, BALLARI</i>
<i>Vishnukanth .K</i>	<i>NPTEL on Effective engineering teaching in practice</i>	<i>BITM, BALLARI</i>
<i>Raymond Irudayaraj .I</i>	<i>Workshop on ARM cortex M3 Microcontroller</i>	<i>SKSVM Agadi college of engineering Lakshmeshwar</i>
<i>William Thomas H M</i>	<i>Workshop on New model curriculum for 1st year as per OBE and Bloom Taxonomy</i>	<i>VTU Belagavi</i>
<i>Dr. Sadyojatha K M</i>	<i>NPTEL- SPOC Workshop</i>	<i>IIT MADRAS</i>
<i>Mallikarjuna. A</i>	<i>Workshop on Advancements in NS-2/3 using TCL scripts and C++ programming</i>	<i>SVCE Bangalore</i>
<i>Dr. Raghavendra P</i>	<i>Workshop on Recent trends in power system operation and control</i>	<i>NITK suratkal.</i>
<i>Vijaya Kumar M K</i>	<i>Workshop on "Power system analysis using power world simulator at</i>	<i>Shanthi Rama Engg College Nandyal, Karnool</i>
<i>Dr. KSR Sridhar</i>	<i>Workshop: New model Curriculum for first year BE detailed syllabus (2018-19) as per outcome based Education format including Course Outcomes and Bloom's Taxonomy</i>	<i>VTU, BELAGAVI</i>
<i>Swamy J S T</i>	<i>One Week TEQIP-1.3 Sponsored Faculty Enrichment Program</i>	<i>VTU, BELAGAVI</i>
<i>Dr. D. Shaik Meera</i>	<i>Workshop: New model Curriculum for first year BE detailed syllabus (2018-19) as per outcome based Education format including Course Outcomes and Bloom's Taxonomy</i>	<i>VTU, BELAGAVI</i>
<i>RAVIKUMAR J S</i>	<i>National Workshop on "Research Tools & Techniques for Research Scholars and Faculty"</i>	<i>Sri Vidyaniketan Institute of Management- Tirupati.</i>
<i>Manjunatha.T.H</i>	<i>International Conference Advances in Manufacturing, Materials and Energy Engineering</i>	<i>MITE, Mangalore</i>
<i>Anil Kumar HM</i>	<i>Workshop on New model curriculum for first year B.E/B.Tech CBCS detailed syllabus as per OBE</i>	<i>VTU , Belagavi</i>
<i>Dr. Raju Jadar</i>	<i>International Conference on Design, Materials & Manufacturing -2018</i>	<i>NITK,suratkal</i>
<i>Raghavendra Setty</i>	<i>2nd International Conference on Frontiers in Engineering, Applied Sciences & Technology</i>	<i>NIT, PRICHY, Tamilnadu</i>
<i>Mr. Raghavendra Setty</i>	<i>Dynamic vibration analysis of gear box using ANSYS software</i>	<i>MIT Manipal</i>
<i>Naseeruddin</i>	<i>Workshop on open sources</i>	<i>VTU Kalaburgi</i>
<i>Mallikarjuna. A</i>	<i>ICT Academy Bridge 2017</i>	<i>Hotel Le Meridien Bangalore</i>
<i>Sagar T.V.</i>	<i>IOT Workshop at NITK, Surathkal</i>	<i>NITK, Surathkal</i>

Mr. Venkatesh K.C	International Conference on Advances in Manufacturing, Materials & Energy Engineering (Icon MMEE 2018)	MITE MANGALORE
Dinesh K	FDP on Using Blended MOOCs In Management Education	Indian Institute of Management IIM-B, Bangalore

No. of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)
MR RAVICHANDRA HONNALI	Short term course Analysis and Design of Pavement and Highway Geometry	02-06-2018 to 08-06-2018
MR PRAVEEN ASHOK MADALAGERI	Short term course Analysis and Design of Pavement and Highway Geometry	02-06-2018 to 08-06-2018
MR B VINAYAKA	Short term course Analysis and Design of Pavement and Highway Geometry	02-06-2018 to 08-06-2019
RAJU JADAR	FDP on Nx11 Academia Modules	21-08-2017 to 31-08-2017
K RAGHAVENDRA	FDP on Nx11 Academia Modules	21-08-2017 to 31-08-2017
MOHAMMED FAYAZ	FDP on Nx11 Academia Modules	21-08-2017 to 31-08-2017
PAVAN KUMAR B K	FDP on Nx11 Academia Modules	21-08-2017 to 31-08-2017
SUMALATHA	FDP on Nit-Recent Advancements In Xilinx and Asic Designs	16-12-2017 to 21-12-2017
RAGHAVENDRA KARNOOL	FDP on Instructional Design and Delivery Systems	18-12-2017 to 23-12-2017
ANANTHA NS	FDP on Instructional Design and Delivery Systems	18-12-2017 to 23-12-2017
GEETHA H Y	FDP on Instructional Design and Delivery Systems	18-12-2017 to 23-12-2017
ASWATHA NARAYANA	FDP on Instructional Design and Delivery Systems	18-12-2017 to 23-12-2017
RANJI PYATI	FDP on Instructional Design and Delivery Systems	18-12-2017 to 23-12-2017
SAGAR TV	FDP on Instructional Design and Delivery Systems	18-12-2017 to 23-12-2017
ULAGANATHAN	FDP on Instructional Design and Delivery Systems	18-12-2017 to 23-12-2017
RAJYALAXMI	FDP on Instructional Design and Delivery Systems	18-12-2017 to 23-12-2017
SANDEEP Y M	FDP on Instructional Design and Delivery Systems	18-12-2017 to 23-12-2017
SARALA P	FDP on Instructional Design and Delivery Systems	18-12-2017 to 23-12-2017

SHARAN KUMAR T M	FDP on Instructional Design and Delivery Systems	18-12-2017 to 23-12-2017
SHILPA KR	FDP on Instructional Design and Delivery Systems	18-12-2017 to 23-12-2017
MK VIJAYAKUMAR	FDP on Instructional Design and Delivery Systems	18-12-2017 to 23-12-2017
MANJUNATH T H	FDP on Recent Development and Challenges In Material and Manufacturing Process	01-01-2018 to 13-01-2018
H M ANIL KUMAR	FDP on Recent Development and Challenges In Material and Manufacturing Process	01-01-2018 to 13-01-2018
HEMANTH KUMAR R K	Short term course on NPTEL-Effective Engineering Teaching In Practice	15-02-2018 to 15-03-2018
MALIKARJUN A	Short term course on NPTEL-Effective Engineering Teaching In Practice	15-02-2018 to 15-03-2018
SADYOJATHA	Short term course on NPTEL-Effective Engineering Teaching In Practice	15-02-2018 to 15-03-2018
MANJUNATH G	Short term course on NPTEL-Effective Engineering Teaching In Practice	15-02-2018 to 15-03-2018
PRABHAKAR	Short term course on NPTEL-Effective Engineering Teaching In Practice	15-02-2018 to 15-03-2018
PREMACHAND	Short term course on NPTEL-Effective Engineering Teaching In Practice	15-02-2018 to 15-03-2018
SHIVAKUMAR K S	Short term course on NPTEL-Effective Engineering Teaching In Practice	15-02-2018 to 15-03-2018
ABDUL KHADER	FDP on "Power system analysis-I"	24-01-2018 to 28-01-2018
MD ANWAR	FDP on "Power system analysis-I"	24-01-2018 to 28-01-2018
P RAJYALAXMI	FDP on "Power system analysis-I"	24-01-2018 to 28-01-2018
SANTOSH B M	FDP on "Power system analysis-I"	24-01-2018 to 28-01-2018
SUJATHA D	FDP on "Power system analysis-I"	24-01-2018 to 28-01-2018
UMESH M D	FDP on recent advances in materials-properties	16-01-2018 to 20-01-2018
A TARANATH	FDP on Advances in composite and smart materials, ACSM - 2017	31-07-2017 to 04-08-2017
BHARATH D	FDP on Advances in composite and smart materials, ACSM - 2018	31-07-2017 to 04-08-2018
V. RAVI	FDP on Advances in composite and smart materials, ACSM - 2019	31-07-2017 to 04-08-2019
G RAGHAVENDRA SETTY	Short term course on Training Programme on Vibro-Acoustics	04-12-2017 to 08-12-2017
H MAHABALESHWAR A	Short term course "Computational Methods with Applications to Fluid Dynamics"	14-08-2017 to 18-08-2017
SAGAR NS	Short term course "Computational Methods with Applications to Fluid Dynamics"	14-08-2017 to 18-08-2017

Title of the professional development programme	Number Of Teachers Who Attended	Date and Duration (from . to)		Duration
		FDP NPTEL Outcome Based Pedagogic Principles For Effective Teaching	04	
Five Days Faculty Development Programme On IoT Application Development Using RASPBERRYPI and Arduino	01	01.08.2017	05.08.2017	5
Workshop On Introduction To Python	01	16.08.2017	19.08.2017	4
Nx11 Academia Modules	04	21.08.2017	31.08.2017	10
Two Day Faculty Development Programme On Internet Of ThingsIOT	02	23.08.2017	24.08.2017	2
Two Days Workshop On Usage Of Open Source Software's In Technical Institutes	01	06.10.2017	07.10.2017	2
Interactive Session On OBE and NBA Documentation	04	14.10.2017	15.10.2017	2
IEEE Collaboration Workshop On How To Publish SCHORLY Articles	18	17.11.2017	17.11.2017	1
Five Days Workshop On Algorithmic Foundations Of Wireless Sensor Networks With Application	02	10.12.2017	14.12.2017	5
Three Days Workshop On Application Of Matlab/Simulink In Control System, Power System and Signal Processing	02	11.12.2017	13.12.2017	3
FDP on Nit-Recent Advancements In Xilinx and Asic Designs	01	16.12.2017	21.12.2017	6
FDP on Instructional Design and Delivery Systems	15	18.12.2017	23.12.2017	6
Three Days Workshop On Arm Cortex M3	01	26.12.2017	28.12.2017	3
Recent Development and Challenges In Material and Manufacturing Process RDCMMP 2018	02	01.01.2018	13.01.2018	13
Two Days Workshop On Cortex M3 Microcontroller	01	05.01.2018	06.01.2018	2
Total Quality Management Program	02	29.01.2018	31.01.2018	3
Two Days Workshop On Advancement In Ns-2/3 Using Scripts and C++ Programming	02	29.01.2018	30.01.2018	2
Additive Manufacturing Theory and Practice	01	02.02.2018	08.02.2018	7
FDP on NPTEL-Effective Engineering Teaching In Practice	07	01.02.2018	01.03.2018	24
Heat Transfer and Its Application	02	02.03.2018	03.03.2018	2
Two Days National Level Workshop On Internet Of Thingsiot-2018	07	09.02.2018	10.02.2018	2
Five Days Workshop On Mess-Based Sensors Fabrication and Characterization Techniques at IISc, Bengaluru	02	12.02.2018	16.02.2018	5
One Day Workshop On Tableau An Advanced Analytics Tool For Data Analysis at BITM	05	10.03.2018	10.03.2018	1
One Day Workshop On Tableau An Advanced Analytics Tool For Data Analysis at BITM	03	10.03.2018	10.03.2018	1
NPTEL "Introduction To Internet OF Things"	01	01.07.2017	30.10.2017	84

<i>NPTEL "Introduction To Research"</i>	01	01.07.2017	31.08.2017	56
<i>NPTEL on" ANTENNAS"</i>	01	01.01.2018	30.04.2018	84
<i>NPTEL-An Introduction to coding Theory</i>	01	01.01.2018	28.03.2018	56
<i>NPTEL-Integrated Circuits, MOSFETs, Op-Amps and Their Applications</i>	01	01.01.2018	30.04.2018	84
<i>FDP on "Power system analysis-I" at VTU Belagavi</i>	05	24.01.2018	28.01.2018	5
<i>FDP on "Intelligent Algorithm and Applications" at Dr AIT Bengaluru</i>	01	17.01.2018	19.01.2018	3
<i>FDP on recent advances in materials-properties</i>	01	16.01.2018	20.01.2018	5
<i>FDP on Advances in composite and smart materials, ACSM - 2017</i>	03	31.07.2017	04.08.2018	5
<i>Short Term Training Programme on Vibro-Acoustics</i>	01	04.12.2017	08.12.2017	5
<i>Training program on Elements of vibration analysis</i>	01	11.06.2018	15.06.2018	5
<i>"Remote Sensing, GPS and GIS in Civil Engineering", AICTE recognized Short Term Course through ICT conducted by Civil Engineering Department, NITTTR, Chandigarh (ICT-2448/17).</i>	02	11.09.2017	13.09.2017	3
<i>National seminar on Soil & Water conservation measures @ VTU Belagavi</i>	01	23.05.2018	23.05.2018	1
<i>Using Blended MOOCs in Management Education, Indian Institute of Management, Bangalore</i>	01	22.07.2017	22.07.2017	1
<i>Workshop on Research Methodology, Karnataka Science and Technology Academy (KSTA), Bangalore.</i>	01	06.07.2017	07.07.2017	2
<i>FDP on Quality assurance in higher education organized by DMS, BITM, Ballari</i>	03	21.08.2017	21.08.2017	1
<i>Faculty Development Program on "Financial Modelling using Spreadsheet" organized by Dept. of Management Studies (DMS), BITM, Ballari</i>	01	22.09.2017	22.09.2017	1
<i>"Computational Methods with Applications to Fluid Dynamics", AICTE sponsored One week QIP Short Term Course conducted by IIT Bombay during (No: CE&QIP/CE/Q-9/2017-18/29).</i>	03	14.08.2017	18.08.2017	5

Quality Initiatives undertaken

Quality initiative	Name of the programs
Conferences, Seminars, Workshops on quality conducted	<ol style="list-style-type: none"> 1. How to publish scholarly articles publish or perish 2. One day faculty development program on Introduction to Computational Fluid Dynamics organized by Dept. of Mechanical Engineering. 3. Renewable energies and energy conservation for sustainable development. 4. One day Seminar on ASmart Materials for 4th Semester organized by Dept. of Mechanical Engineering. 5. One day Seminar on Smart Materials for 4th Semester organized by Dept. of Mechanical Engineering. 6. One day Project Exhibition for Final year students organized by Dept. of Mechanical Engineering.

	7. One day Seminar on Black Chain Technology for 7th Semester organized by Dept. of Mechanical Engineering
Academic Administrative Audit (AAA) and initiation of follow up action	One Academic Administrative Audit was carried out successful and all the NCs were closed.
Participation in NIRF along with Status.	Institution participated in the NIRF for Engineering, Management and Overall ranking. The shortcomings were noted.
ISO Certification. and nature and validity period	Two - ISO audits were successfully carried out.
NBA or any other certification received with program specifications.	CSE, ECE and Mechanical Engg., programs were accredited for 3 years w.e.f. 01.07.2019 to 30.06.2022.
Collaborative quality initiatives with other institution(s) (Provide name of the institution and activity)	MTC GLOBAL Certification course on Digital Marketing
Orientation programme on quality issues for teachers and students organised by the institution, Date (From-To) (DD-MM-YYYY)	<ol style="list-style-type: none"> 1. Title One day FDP on Quality Assurance in Higher Education 21/08/2017 to 21/08/2017 2. Title Investment Avenues in Financial Markets, Resource Person Nikhil Shinde, Sr. Manager, NISM, Mumbai 30/08/2017 30/08/2017 3. INSTRUCTIONAL DESIGN AND DELIVERY SYSTEMS 18/12/2017 to 23/12/2017 4. Train the trainer program on Data Visualization Tools 06/09/2017 to 08/09/2017 5. Training program on Instructional Design and Delivery Systems 18/12/20017 to 23/12/2017 6. Instructional design and delivery systems 18/12/20017 to 23/12/2017 7. Title Advance Excel for Finance, Resource Person Vimaleesha, Analyst Standard Chartered GBS Pvt Ltd 09/11/2017 to 10/11/2017 8. Title Generation Z and The Work Place, Resource Person Kodandera Machia Harish, Management Consultant , Idental, Mysore 14/10/2017 to 14/10/2017 9. Title Digital Marketing and Social Media, Resource Person Nagaraj Hundekar, Sr Manager, Asianet News Network Pvt Ltd 07/10/2017 to 07/10/2017 10. Title Workshop Soft Skill Training for MBA s Resource Person All the Faculty members, DMS-BITM, Ballari 28/09/2017 to 04/10/2017 11. Title Financial Modelling using Spreadsheets, Dr. P.Vara dharajan, PSGIM, Coimbatore 22/09/2017 to 22/09/2017

Name of quality initiative by IQAC	Date of conducting IQAC	Number of participants
How to publish scholarly articles publish or perish	17.11.2017	18
Renewable Energies and Energy Conservation for Sustainable Development.	05.02.2018	30
One day workshop TABLEAU an advanced analytics tool for data analysis organized by Dept. of Mechanical Engineering.	10.05.2018	70
One day Project Exhibition for Final year students organized by Dept. of Mechanical Engineering.	17.05.2018	50

<i>One day Seminar on Smart Materials for 4th Semester organized by Dept. of Mechanical Engineering.</i>	30.05.2018	100
<i>One day Seminar on Black Chain Technology for 7th Semester organized by Dept. of Mechanical Engineering.</i>	07.07.2018	100
<i>One day faculty development program on Introduction to Computational Fluid Dynamics organized by Dept. of Mechanical Engineering.</i>	14.02.2018	40

Best Practices

Real-time attendance system was introduced where the staff members mark the attendance on the real time basis and the students who were absent, a SMS was immediately sent to the parents. This enabled the institution to reduced the number of students having the low attendance by 5% and also increased over all results and in particular first year results by 9%.

Sustainable Renewable Energy system like Roof top Solar power plant has been installed with a capacity of 300 KW, which produces 1300 KWH energy per day and it meets 60 percent of energy requirement of our institution.

Each staff is allocated 18 to 20 students, who counsel and mentor them for their academic and co-curricular progress. Each student provided with proctoring book, where the proctor will discuss with the student and log all his previous academic details and his personal details. Students meet the proctors to discuss any problems faced by them both academically and personally faced by them. Proctors also log their examination details and look into the revaluation results aspects for the weaker students. Proctors regularly call the student parents as and when needed.

Remedial classes are conducted for students. Every subject or course as a remedial class which is utilized for training the academically weak students and also clarifying the doubts. The concepts are brushed up and practice problems are given to increase the confidence as well as the academic ability of the students.

OBE process is implemented across the institution and lesson plans are framed using Blooms Taxonomy, Learning Styles. The delivery of the lecture is done using combination of modern teaching and pedagogic methods.

Curricular gaps are identified through gap analysis and the same is addressed through contents beyond the syllabus, Design Based Experiments, Guest Lectures, Industry-Oriented Programs, etc.

FACILITIES IN CAMPUS - SEPT. 14. 2017





Decentralization in Working:

The Institute functions with decentralize administration that has complete transparency in the decision making process. The Governing council / body has clearly delegated the powers to the Principal with respect to institutional development, academics, curricular, co-curricular & extracurricular activities. The Principal in-line with the Vision and Mission has dedicated powers to the HOD's and concerned office staff. The head of the department along with the principal meet very frequently to discuss academic and administrative matters and take appropriate decisions. The principal, Vice-Principal and HOD's are delegated with adequate powers for the overall development of the institution. The same is evidenced in the organization chart.

The principal & HOD's have constituted 29 committees in consultation with Management for smooth functioning of the institute. Each committee consists of members from all the departments, who meet frequently to carryout the duties as per the functions and responsibilities of the committee. The coordinator of the committee briefs the Principal and HOD's on important decisions for the growth of the institution.

Participative Management:

The Institution has participative management at all levels. The management takes the important decision based on the input from the Principal, Vice Principal, HOD's and committees' coordinators. Principal discusses important issues with the HOD's and the same is appraised to the management. All the academic and administrative issues like, Budget, Recruitment, Purchases, Admissions, Promotions, Conferences, Training & Placement, variation in intake are discussed transparently and appropriate decisions are taken for implementation.

TOWN HALL MEETINGS: *Town hall meetings is one of the case study to illustrate the decentralization and participative management.*

Beginning of each academic year / semester Management conducts meeting with all the teaching and non-teaching staff in the institution auditorium. The objective of the town hall meeting is to reflect back the previous academic year achievements and scope of improvements. The present status stock is taken and deliberated on strategies,

requirements, scope and opportunities and create a road map to achieve the vision of the institute. All the members are given opportunity to express their views & suggestions concerning the institute.

As on today 6 town hall meetings are held in the last five years and most of the decisions taken during the meeting have been implemented successfully after consulting faculty, students, industry, alumni and parents. Some of the important accomplishments in last five year are:

- > NBA Re-Accreditation for CSE, ECE and ME.
- > Setting up of Incubation Centre.
- > State of the art New Electrical Block, Laboratories, Research Centres.
- > Collaboration / MoU with IBM, Harita TechServ., NI-Lab View & etc.
- > Improvement in Teaching Learning process.
- > Placement improvement through Career Guidance and effective training plan.
- > Implementation of proctoring system followed by Real-time Attendance intimation system (SMS based).
- > Implementation of Rooftop Solar Power.
- > Town Hall Meetings.

The Institution Has Effective Welfare Measures For Teaching And Non-Teaching Staff

- | | |
|-----------------------------|--------------------------|
| > Employee's Provident Fund | > ESIC |
| > Accident Insurance | > Gratuity |
| > Obituary Contingency | > Maternity Leave |
| > Fee Concession | > Promotions |
| > Uniform Facility | > Publication Incentives |
| > Medical Facility | > Ph.D. Contingency |
| > Salary Advance Amount | > Staff Association |
| > Career Growth | > Bank & ATM Facility |

Internal Quality Assurance Cell (IQAC)

The IQAC of the institution was constituted which consists of 25-member committee, principal as a chairman and representatives from staff and students. The Academic Audit of the Departments is conducted by Internal Quality Assurance Cell (IQAC) and its objective is to improve and sustain the academic and administrative performance of the Institution. Academic Audit is conducted by IQAC once in a semester. IQAC will be evaluating the Departments on the following Criteria.

1. IMPLEMENTATION OF OBE AND OBTAINING NBA
2. ESTABLISHMENT OF STARTUP & INCUBATION CENTRE (BRICS)

The institution has an IQAC cell which assess the teaching and learning process in the institute and recommend the steps to be taken for improvements.

1. Technology Learning Centre Labs (MTLC, E-Yantra Robotics lab,):
2. E-Yantra
3. Course Enrichment activities and student publication:

- > <https://www.bitm.edu.in/governing-council-members>
- > <https://www.bitm.edu.in/industry-advisory-board>
- > <https://www.bitm.edu.in/internal-quality-assurance-cell>
- > <https://www.bitm.edu.in/finance-committee>
- > <https://www.bitm.edu.in/budget-committee>
- > <https://www.bitm.edu.in/planning-monitoring-purchase-committee>
- > <https://www.bitm.edu.in/building-maintenance-electrical-maintenance-committee>
- > <https://www.bitm.edu.in/it-cell-committee>

- <https://www.bitm.edu.in/recruitment-committee-board-of-appointments>
- <https://www.bitm.edu.in/entrepreneurship-development-cell-committee>
- <https://www.bitm.edu.in/consultancy>
- <https://www.bitm.edu.in/counseling-proctoring-committee>
- <https://www.bitm.edu.in/examination-cell>
- <https://www.bitm.edu.in/nba-committee>
- <https://www.bitm.edu.in/parent-interaction-cell>
- <https://www.bitm.edu.in/research-development-committee>
- <https://www.bitm.edu.in/cultural-committee>
- <https://www.bitm.edu.in/anti-ragging-cell>
- <https://www.bitm.edu.in/map>
- <https://www.bitm.edu.in/sc-st-grievance-cell>

COLLEGE CELEBRATIONS**Independence Day (15-08-2017)**

The institution celebrated 71th Independence day. Prof. Prithviraj Y. J. - Management, Principal Dr. V. C. Patil, Staff & Students along with NSS Volunteers of the institution participated in flag hoisting. Pooja was performed to Mahatma Gandhi's Potrait. Mr. Rohith L., student from EEE-Department spoke about the sacrifices made by our freedom fighters especially about Lala Lajpat Rai. Mr. Shreyas gave a wonderful speech with respect to the freedom movement and highlighted patriotism shown by our freedom fighters also contribution made by Subhash Chandra Bose was highlighted.

Teacher's Day (05.09.2017)

Dr. R. N. Kulkarni, HOD-CSE spoke about Dr. Sarvepalli Radhakrishnan and the importance of being a good teacher by mentioning the qualities of a great teacher on the occasion of teacher's day. Students from all the departments took the lead in organizing the teacher's day on 05th September 2017 by organising fun filled games namely Housie-Housie and Pictionary.

Engineer's Day (15.09.2017)

Civil Engineering department organised Engineer's Day in behalf of all departments at the auditorium. Dr. Janaki Ram, Ph.D., from IISC was honoured by Director Dr. Yashvanth Bhupal. Mr. Basavaraj B. from Civil Department spoke about the contributions made by Sir. M. Visweswaraiiah. Ultra Tech Cement organised a quiz competition on Concrete Technology for the Civil Students.

Ozone Day (17.09.2017)

Students formed Ozone shaped human chain to emphasize the importance of Ozone Layer. NSS Volunteers namely Mr. Madhu Shekar from ECE-Department and his team organised awareness program on the importance of Ozone.

Gandhi Jayanthi (02.10.2017)

Students namely Mr. Pradeep Yadav of Civil Department along with staff and NSS Unit recollected the contributions made by Mahatma Gandhi and Lal Bahadur Shastri w.r.t. importance of peace, non-violence and hygiene. The students highlighted about the importance of Cleanliness. Mr. Yoganand Pattar sang a wonderful song "Raghupathi Raghava Rajaram" on this occasion.

Karnataka Rajyothsava Day (01.11.2017)

Nade Geethe was sung by all the participants. Student namely Ms. Sindhu S. & Ms. Sirisha from ECE – Department with Staff namely Smt. Rangamma, Hostel Incharge recollected the importance of celebration Karnataka Rajyothsava. Students and staff spoke about importance of kannada and the famous personalities such as Nisar Ahmed for his contributions in the area of Kannada Literature.

World Aids Day (01.12.2018)

Faculty members wore the Red Ribbon on occasion of World Aids Day. NSS Unit gave the awareness to the maintenance staff of the institution and at Rameswari Nagar area on prevention of AIDS.

National Youth Day (12.01.2018)

Student namely Mr. Sai Teja & Mr. Nitesh Reddy spoke on the Role of Youth for the Nation Development. Students recollected the message put forth by Swami Vivekananda and highlighted the responsibilities of youth.

Republic Day (26.01.2018)

Dr. V. C. Patil, Principal recollected importance of protecting the constitution and contribution made by Dr. B. R. Ambedkar in framing the constitution. NSS Students, Staff and Management Prof. Prithviraj Y. J. hoisted the National Flag along with the National Anthem. Sweets were distributed. Mr. Yoganand Pattar sang a patriotic song.

International Women's Day (08.03.2018)

Dr. Rajashri Biradar of CSE Department, gave a talk on "Women Engineers" to the girl students of BITM at the Auditorium. Sweets were given to all the female staff and the students. Management acknowledge the contribution made by women faculty members.

World No Tobacco Day (31.05.2018)

NSS volunteer namely Mr. Praveen Kumar & Mr. Sateesh from CSE-Department took the lead role to propagate the ill effects of Tobacco at the Alipur Village and Rally was organised at the Alipur Village along with the village authorities. Students handed over the Phamplets to the Households.

World Environment Day (05.06.2018)

Civil Department along with Students and staff carried out tree plantation program at the Hockey ground behind the campus. Principal distributed Tree saplings to the NSS Students and principal spoke about the augmentation of Rooftop Solar Energy Park at the Institution.

International Yoga Day (21.06.2018)

International Yoga Day was organised in BITM campus near the Open Air Theatre. Students from Boy's and Girls Hostel participated in the event. Mr. Raman Gouda & Mr. A. Bharath from ME-Department demonstrated to all the students about Basics of Yoga and Pranayama.

KANNADA RAJYOTSAVA 01.11.2017

Principal,
Battari Institute of Technology & Management,
BELLARY.