



*Basavarajeswari Group of Institutions*

# BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT

*(A Unit of T.E.H.R.D. Trust ®) (Certified by ISO 9001:2008)*

*(Recognised by Govt. of Karnataka, Approved by AICTE, New Delhi and Affiliated to VTU, Belagavi)*

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



# ANNUAL REPORT FOR THE YEAR 2016-17

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# A Tribute to 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®<sup>®</sup>, 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, LLM, 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,  
MBBS, MD,  
Chairman,  
T.E.H.R.D. Trust @/BPSC*



*Dr. Yashvanth 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. 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- 10<sup>th</sup> 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 like; Tech Mahindra, Mind Tree, IGate, SLK Software, Torry Harris, Infosys, Cognizant, Mphasis, TCS, JSW Steel, Shriram Transport, Mind Tree IMS, Accenture, Robert Bosch, Synapten Labs, Wimra, UNI, Colour Stone, CSGI, Dana growth Pvt ltd, Hewlett Packard, Test Yantra, Reflexions, Emids Technologies, Aris Global, Trinity Mobility, First American, Wipro, Infra rays, 24/7, TEK SYSTEMS, Jaro Education, Karvy, Capital IQ, ITC Limited, Target-*

*HR solutions, Sigma Byte, Oracle, Kirloskar, Halleys Blue, Kotak Mahindra Bank, 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.*

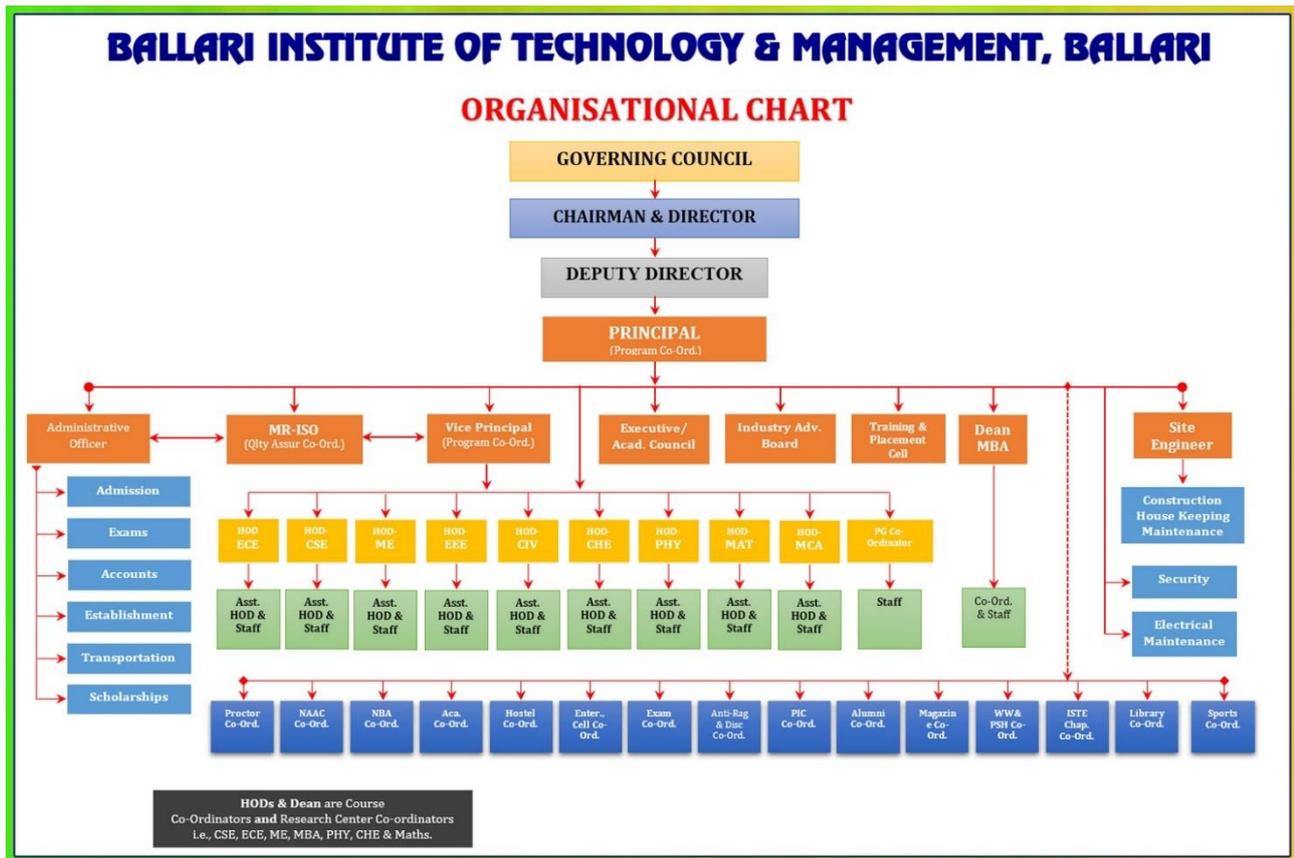
*BITM is the brain-child of its Founder-Director and present Chairman, Dr. Yashvanth Bhupal, B.E. M.S, Ph.D. Besides being highly qualified, he is also a dynamic visionary who has largely, if not singularly, been responsible for the phenomenal growth of the institute. He is a social entrepreneur in the 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 **6,500+** students, from Kindergarten to Post-Graduation levels and provides employment to over **750** motivated personnel.*

## Governing Body Members

<b>S N</b>	<b>Nominated Position in Governing Council</b>	<b>Name of the Member</b>	<b>Date of App.</b>
1	Chairman	<b>Dr. Yashvanth Bhupal</b> , MS, Ph.D., MIE, Chairman & Director, BITM, Ballari	31.05.2008/ 15.02.2010
2	Member	<b>DR. S.J.V.MAHIPAL</b> , MBBS,MD, No.35, 3 <sup>rd</sup> Cross, Gandhinagar, Ballari – 583 103.	01.01.1998 Reappointed on 31.05.2008
3	Member	<b>Sri. S.B. Ashok Bhupal</b> , BA Dhadesugur – Post, Sindhannur - Tq., Raichur-Dist.	01.01.1998 Reappointed on 31.05.2008
4	Member	<b>Prof. Prithviraj.Y.J</b> , B.E., M.Tech. Dy. Director, BITM, Ballari	31.05.2008
5	Member	<b>Sri. N. Srinivasan</b> , CA Chartered Accountant, 132, 2 <sup>nd</sup> 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 <b>industrialist/ Technologist/ Educationalist</b> 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.	<b>Prof. E.S. Rao</b> , BE, DIIT, 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.	<b>Dr. Mohan Kumar</b> , 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/ <b>Educationalist</b> from the Region nominated by the State Government.	<b>Prof. A. Jayakara Hegde</b> , 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.	<b>Dr. G.P. Dinesh</b> , Professor, BITM, Ballari	20.12.2014
12	Faculty members nominated from the regular staff.	<b>Dr. R.N.Kulkarni</b> , 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.	<b>Dr. V.C. Patil</b> , BE, M.Tech., Ph.D., Principal – Member Secretary, BITM, Ballari	20.12.2014

*Industry Advisory Board*

SN	NAME	DESIGNATION	POSITION
1	Dr. Yashvanth 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:** We will be a top notch educational institution that provides best of breed educational services by leveraging technology and delivered by the best in class people in line with the globalized.

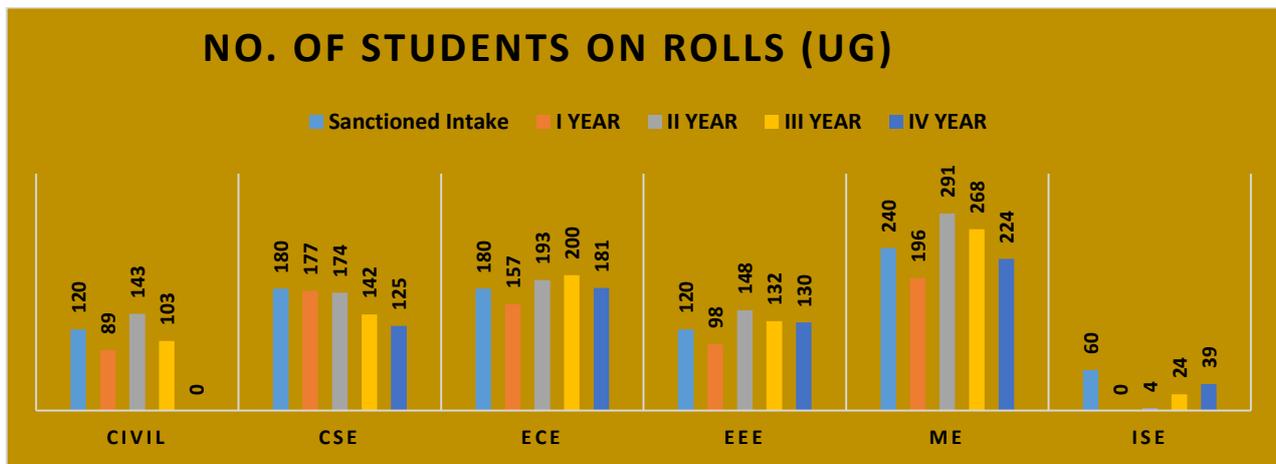
**Mission:** To empower the students with technical, managerial skills, professional ethics, values and appreciation of human creativity and innovation for an inquisitive mind.

**Courses Offered:**

S N	Programs & Courses	Year of Est.	Accreditation Status			
			NBA		NAAC	
			From	To	From	To
	<b>Under Graduate Course</b>					
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
	<b>Post Graduate Courses</b>					
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
	<b>Research Centre</b>					
1	Computer Science & Engineering	2013	--	--	--	--
2	Electronics & Comm. Engg.	2014	--	--	--	--
3	Mechanical Engineering	2012	--	--	--	--
4	MBA	2012	--	--	--	--
5	Chemistry	2010	--	--	--	--
6	Physics	2012	--	--	--	--
7	Mathematics	2012	--	--	--	--

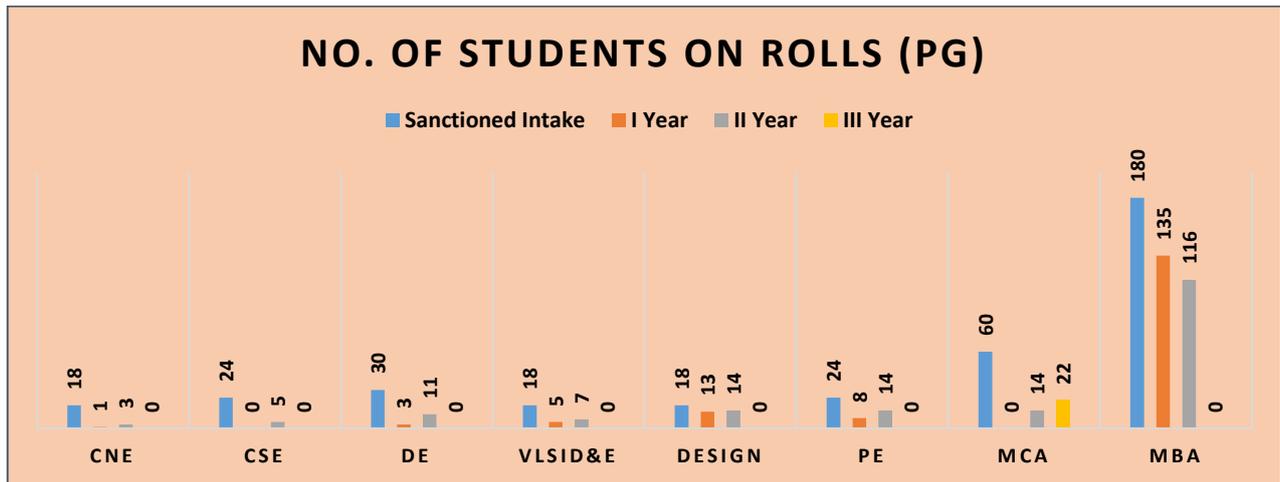
**NO. OF STUDENTS ON ROLLS (UG)**

S N	Course	Sancti oned 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	48	41	89	100	43	143	74	29	103	-	-	-
2.	CSE	180	51	126	177	49	125	174	33	109	142	37	88	125
3.	ECE	180	56	101	157	78	115	193	64	136	200	71	110	181
4.	EEE	120	43	55	98	75	73	148	64	68	132	74	56	130
5.	ME	240	184	12	196	281	10	291	257	11	268	226	8	224
6.	ISE	60	-	-	-	-	4	4	7	17	24	6	33	39



**NO. OF STUDENTS ON ROLLS (PG)**

S N	Course	Sancti oned Intake	Total No. of students Admitted								
			I Year			II Year			III Year		
			M	F	T	M	F	T	M	F	T
1.	CNE	18	01	-	01	01	02	03	-	-	-
2.	CSE	24	-	-	-	02	03	05	-	-	-
3.	DE	30	01	02	03	02	09	11	-	-	-
4.	VLSI	18	-	05	05	05	02	7	-	-	-
5.	DESIGN	18	13	-	13	14	-	14	-	-	-
6.	PE	24	02	06	08	05	09	14	-	-	-
7.	MCA	60	-	-	-	01	13	14	05	17	22
8.	MBA	180	69	66	135	57	59	116	-	-	-



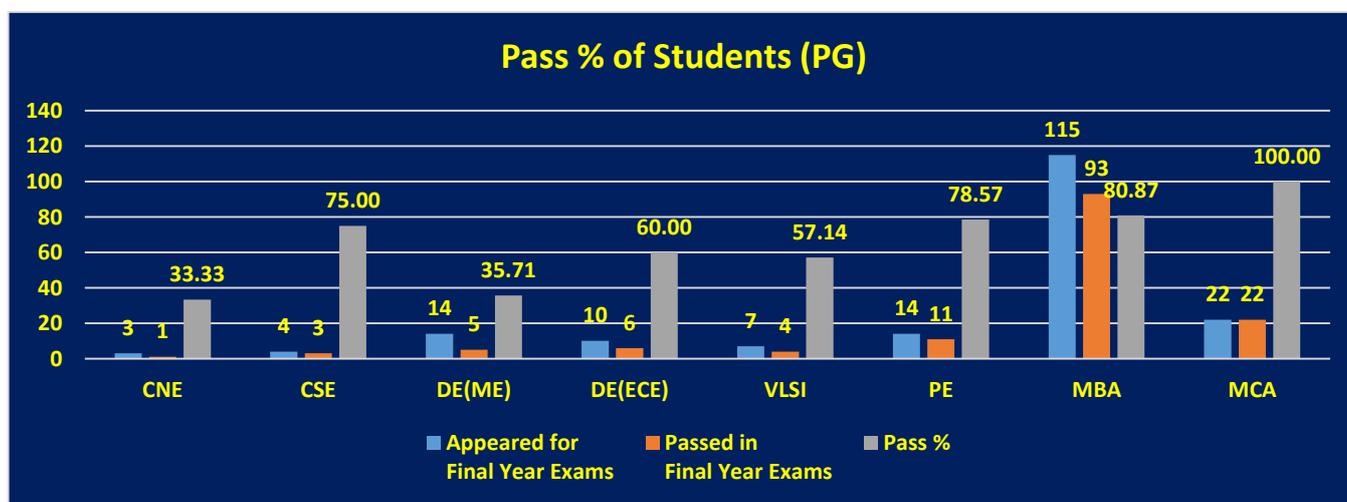
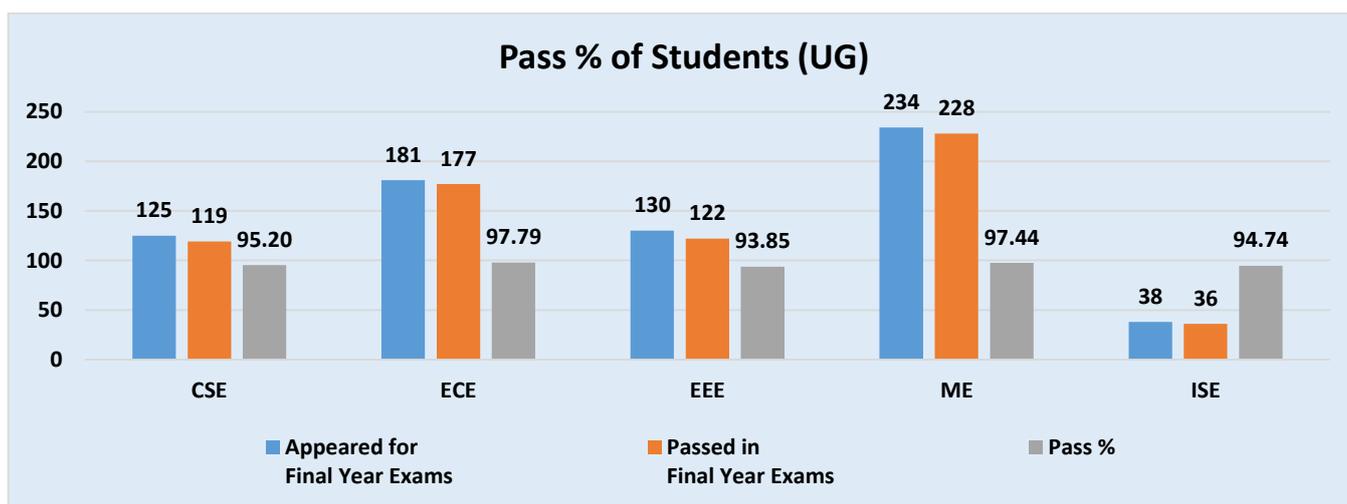
### *Research Centre Details*

### *Candidates Registered for Ph.D.,*

Sl. No.	Name	Department / Research Centre	VTU	Other University	Total no. of Candidates
1	Dr. G.P. Dinesh	MBA	01	01	02
2	Dr. Machappa T	Physics	02	-	02
3	Dr. R N Kulkarni	CSE, Dept. Research Centre	03	00	03
4	Dr. B M Vidyavathi	CSE, Dept. Research Centre	03	00	03
5	Dr. R V Biradar	CSE, Dept. Research Centre	03	02	05
6	Dr. H. Mahabaleswara	Civil Engg.	-	-	-
7	Dr. G.P Dinesh	MBA	01	01	02
8	Dr. Yadavalli Basavaraj	ME	04	-	04
9	Dr. V.V. Ramana	ME	04	-	04
10	Dr. V. Ravi	ME	02	-	02
11	Dr. V.C. Patil	ECE	07	01	08
12	Dr. U. Eranna	ECE	06	02	08
13	Dr. K.M. Sadyojatha	ECE	02	-	02

*Pass percentage of students*

Program me Code	Progr amme name	Programme Specialization	No. of students appeared in the final year examination	No. of students passed in final year examination	Pass %
BE	Engg.	CSE	125	119	95.20
BE	Engg.	ECE	181	177	97.79
BE	Engg.	EEE	130	122	93.85
BE	Engg.	ME	234	228	97.44
BE	Engg.	ISE	38	36	94.74
M.Tech.	Engg.	CNE	3	1	33.33
M.Tech.	Engg.	CSE	4	3	75.00
M.Tech.	Engg.	DE(ME)	14	5	35.71
M.Tech.	Engg.	DE(ECE)	10	6	60.00
M.Tech.	Engg.	VLSI	7	4	57.14
M.Tech.	Engg.	PE	14	11	78.57
MBA	Mgmt	MBA	115	93	80.87
MCA	MCA	MCA	22	22	100

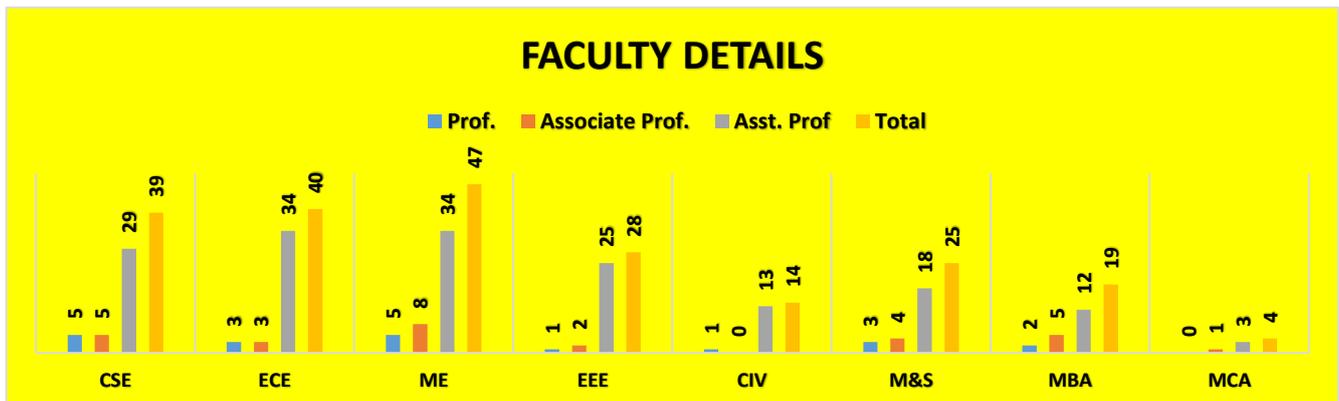


**BE 1<sup>ST</sup> YEAR INAUGURATION & INDUCTION PROGRAM (28.07.2016)**



**FACULTY DETAILS**

Dept.	Prof.	Associate Prof.	Asst. Prof.	Total
Computer Science & Engg.	5	5	29	39
Electronics & Communication Engg.	3	3	34	40
Mechanical Engg.	5	8	34	47
Electrical & Electronics Engg.	1	2	25	28
Civil Engg.	1	-	13	14
Humanities & Sciences	3	4	18	25
MBA	2	5	12	19
MCA	-	1	3	4
<b>Total</b>	<b>20</b>	<b>28</b>	<b>168</b>	<b>216</b>



## *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.*

***Mission:*** *To impart top quality professional education by mentoring the students to become multi skilled professionals with rewarding career through team work, innovative thinking, commitment and ethical responsibility*

***Vision:*** *To train the graduates with in depth knowledge of cutting edge technologies by incorporating the necessary programs to enhance creativity social awareness, leadership skills for the overall development.*

### ***Programme Educational Objectives (PEOs)***

***PEO 1:*** *To prepare graduates with a solid foundation in Mathematics, Science, Engineering & Technology for a successful career in Computer Science & Engineering.*

***PEO 2:*** *To equip graduates with integrity and ethical values so that they become responsible multidisciplinary engineers by exhibiting leadership and team-building skills.*

***PEO 3:*** *To prepare graduates to excel in competitive examinations / postgraduate programs in advanced education.*

PEO 4: To prepare graduates to succeed in industry / technical profession by applying current and innovative engineering technologies by lifelong learning.

### INAUGURATION OF CAREER GUIDANCE & IBM SPECIALITY LABS – CSE (20.02.2017)



**MoU with IBM - CSE DEPT (22.05.2017)**



## ***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.*

### ***Mission of the Department:***

- \* To impart quality technical education to produce competent engineers.*
- \* To equip the students with strong foundation to enable them for continuing education.*
- \* To support the students to acquire the state of the art technologies to meet the growing challenges of the industry with strong knowledge and professional ethics.*

### ***Vision of the Department:***

*To create technical manpower par excellence in the area of Electronics & Communication Engineering to take an anchoring position as one of the prime departments and to mould engineers to cater to the local and global demands with a social commitment.*

### ***Programme Educational Objectives (PEO's):***

***PEO 1:*** *To acquire strong knowledge in basic Science, Mathematics and ability to apply this knowledge in the relevant fields of E&CE.*

*PEO2: To develop the ability to demonstrate technical competence and develop solution to the real time problems.*

*PEO 3: To obtain professional Excellency through lifelong learning and produce graduates with strong ethics.*

**2 DAYS WORKSHOP ON IOT (24.10.2016)**



**VAISHESHIKA – ECE Student Forum (05.10.2016)**



**ECE EXHIBITION (11.03.2017)**



## *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 have the ability to anticipate and effectively respond to changes in the field of Mechanical Engineering, to be perceived as being one of the best department known for its dedicated services for students satisfaction and to provide world class training to students for better society.*

### **MISSION:**

*To become a centre of excellence of International standards, to educate Mechanical Engineering graduate to stay competitive at the cutting edge of technology with strong ethics and instil learning for achievements to benefit mankind.*

**Programme Educational Objectives (PEOs):**

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

**ENTREPRENEUR WORKSHOP – MECH. DEPT.**

(22.11.2016)



**SKILL INDIA – MECH. DEPARTMENT (04.03.2017)**



**TECHNICAL TALK & PERSONALITY DEVELOPMENT – MECH. DEP. (17.03.2017)**



## *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 centre 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**

- 1. To provide highest quality teaching and learning environment with emphasis to produce competent and compassionate graduates in electrical engineering.*
- 2. 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.*

**Programme Educational Objectives (PEOs):**

- PEO 1:** To prepare graduates to excel in professional career by acquiring the broad knowledge of electrical engineering.
- PEO 2:** To prepare graduates capable of pursuing higher education and research.
- PEO 3:** To prepare graduates to engage in lifelong learning, professional development activities, and/or other career enhancing activities.
- PEO 4:** To prepare graduates to develop leadership qualities, professional ethics and soft skills to be successful in their professional careers in industry or academia.

**Inauguration of SURYAMITRA (15.09.2016)**



## *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 8<sup>th</sup> 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's):***

*PEO1 Graduates would be able to work collaborate on multi-disciplinary projects and make them self-engage in lifelong learning process through their professional life.*

*PEO2 Graduates would able to engage themselves in higher education, research oriented program.*

*PEO3 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.*

**ENGINEERS DAY (21.09.2016)**



## ***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 Mechanical Department	Research and Development Scheme	Karnataka Council for Technical Upgradation	2016	1 Year	497500
BITM EEE Department	Surya Mitra	NICE Govt. of India	2016	1 Year	642000
BITM ECE Department	PMKVY	AICTE	2016	1 Year	58000

## 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)
- > One Page Monthly Report
- > IQAC Monthly Presentation
- > Management Review Meetings
- > Budget Meetings
- > IQAC Quarterly Meetings
- > Semester Progress Report
- > Annual Report
- > Governing Council.

**Key Certificate Courses:**

<i>Name of the Certificate Course</i>	<i>Duration</i>
Certificate of Completion on “ WIPRO Mission 10x”	3 Months
Training Programme on “ Flexible Manufacturing System”	6 months
Infosys Campus Connect Training	3 Months
Cloud Computing Blue Mix	06 Days
Suryamitra Skill Development Programme	3 Months
eYantra Robotics (IIT, Bombay)	6 Months

**Value-added courses imparting transferable and life skills offered**

<i>Value Added Courses</i>	<i>Date of Introduction</i>
In-House Technical Training	25 <sup>th</sup> July to 4 <sup>th</sup> Aug 2016
Wipro (MTLC)	18 <sup>th</sup> to 22 <sup>nd</sup> July 2016
Apti & Softskills Training by ANTS Consultancy	9 <sup>th</sup> to 12 <sup>th</sup> Aug 2016
J/QSpiders training	17 <sup>th</sup> Jan to 23 <sup>rd</sup> Feb 2017
Capgemini Company Specific Trainings	20 <sup>th</sup> Aug 2016
Mindtree Company Specific Trainings	31 <sup>st</sup> Aug 2016
CGI Company Specific Training	16 <sup>th</sup> & 17 <sup>th</sup> Sept 2016
SLK Software Company Specific Trainings	10 <sup>th</sup> Oct 2016
Company Specific Mock Test	20 <sup>th</sup> July 2016
Technical Mock Interviews & Group Discussion.	16 <sup>th</sup> & 23 <sup>rd</sup> July 2016
Aptitude training by IU Solutions.	6 <sup>th</sup> to 9 <sup>th</sup> Mar 2017.

**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>
216	216	<i>YouTube Videos, Course era Simply learn, Google Class Room, Projectors, Simulation Software’s – Multisim, Xilinx, NI LabVIEW, MATLAB, Computer Systems, internet, Wi-Fi, laptop, Ms office, whiteboard, printer, photocopier, pen drive, scanners, e-books, e-journals.</i>	54	2	<i>E Journals (IEEE, T&amp;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 counsellors are available to all the students who are counselled 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/ counsellors 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: **3719**

Number of fulltime teachers: **198**

Mentor : Mentee Ratio: **1 : 19**

## 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>
Dr. Raghavendra Joshi	Professor	Innovative technological research and dedicated professor award
Prof. Manjula R	Professor	Best Paper Presentation in IEEE student branch, IIT, Kharagpur.
Mr. Naseeruddin	Asst. Professor	Proficiency Award, IIT, Mumbai
Mr. Manjunath G	Asst. Professor	Proficiency Award, IIT, Mumbai
Mr. Pramod Mutalik	Asst. Professor	Proficiency Award, IIT, Mumbai
Mr. William Thomas	Asst. Professor	Proficiency Award, IIT, Mumbai

**Workshops / Seminars:**

<i>Title of Workshop / Seminar</i>	<i>Name of the Dept.</i>	<i>Date(s)</i>
eYantra Robotics Workshop	ECE	01/03/2017
Wipro Technology Learning Centre	CSE	01/02/2017
Cloud Computing IBM Workshop	CSE	17/04/2017
Mobile Application Development IBM	CSE	11/05/2017
Workshop on Advancements in MAT Lab and its application.	ECE	26/09/2016
Workshop on IoT	ECE	24/10/2016

**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>
Sustainable Development	Mr. Sharana Basava	World Merit 360	15/07/2016	Represented India at UN for Sustainable Development Goals 1 among 5 students selected to represent India
Excellence performance in Teaching students Industry Oriented Courses	Mr. Kiran Mudaraddi	Infosys Campus Connect	14/07/2016	Bronze Partner Faculty Awarded by Infosys Ltd.,
Excellence performance in Teaching students Industry Oriented Courses	Mr. Sridhar S. K.	Infosys Campus Connect	14/07/2016	Bronze Partner Faculty Awarded by Infosys Ltd.,
Setting up of Robotics Lab in a cost effective manner & using open source tools	Mr. Naseeruddin	IIT, Bombay	18/07/2016	Proficiency Award from IIT, Bombay
Setting up of Robotics Lab in a cost effective manner & using open source tools	Mr. Prabhakar K,	IIT, Bombay	18/07/2016	Proficiency Award from IIT, Bombay
Setting up of Robotics Lab in a cost effective manner & using open source tools	Mr. William Thomas H.M,	IIT, Bombay	18/07/2016	Proficiency Award from IIT, Bombay
Setting up of Robotics Lab in a cost effective manner & using open source tools	Mr. Manjunath G	IIT, Bombay	18/07/2016	Proficiency Award from IIT, Bombay

**Incubation centre:**

Incubation Centre	Name	Sponsored by	Name of the Start-up	Nature of Start-up	Date of commencement
BITM INCUBATION CENTER	BIRED	BITM	Woggle soft IT solutions Pvt. Ltd.	Mobile Apps & Application Development for ordering food in the canteen	01/08/2016

**Research Publications:**

	Departments	No. of Publication
National / International	CSE, ECE, ME, EEE, CIVIL, MBA, Mathematics, Physics	61

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

Department	No. of publication
CSE, ECE, ME, EEE, CIVIL, MBA, Mathematics, Physics, Chemistry	60

**Bibliometric of the Publications:****Research Papers per Teachers In The Journals**

	Name of the author/s	Title of paper	Name of journal
			2016-17
1	Dr. R.V.Biradar	Eagilla: an Enhanced Mobile Agent Middleware for WSN	AEJ
2	Mr. Sridhar S K	Energy efficient image data offload mobile cloud computing	IJIRCE
3	Dr. R.V.Biradar	A review on energy efficient location based routing protocols for WSN	IJRSET
4	Mr. Sridhar S K	Enhancing energy proficiency in resource constrained devices through selective cloud offload computation	IJRCE
5	Mr. Hayath. T M	A novel review on google Driverless autonomous vehicle	IJASRE
6	Mr. Sudhakar A	Essence of cloud for data transmission using virtual cloud servers	IJRSET
7	Mrs. Nirmala G	Online loan application and verification for personal loan	IJRSET
8	Mr. Hayath. T M	Extraction and analysis of social network data using text mining techniques.	IJRASET
9	Mrs. Swathi	A brief review of approaches for fault tolerance in distributed system	IRJET
10	Mr. Hari Krishna	Pesticides Information System	IJESC
11	Mrs. Tejashwini S G	Fraud Detection in examination using LBP method	IJLEMR

12	Dr. Aradhana et al	Text classification for student data set using Navies Bayes Classifier and KNN classifier	IJCTT
13	Dr. Aradhana	A review: shadow detection and removal in digital images	IJETCSE
14	Dr. B M Vidyavathi	Snappy feedback System	IJCTT
15	Dr. R N Kulkarni	Design and Implementation of IoT based home automation	IJCTT
16	Mrs. Jagadevi P	A review on resource allocation techniques for IoT	IJESC
17	Mr. Sri sailnath	Smart Car parking in busy city environment	IJTRE
18	Mr. Naveen G	Extraction and analysis of social network data using text mining techniques.	IJRASET
19	Mr. Bimanna A	Smart card health security system	
20	Mr. Prithviraj Y . J	Intelligence & Interactive Driver Assistance System using Cardiovascular & Facial Expression	IJAECSE
21	Dr. Aradhana	A review: shadow detection and removal in digital images	IJETCSE
22	Mrs. Swethashree	A brief review of approaches for fault tolerance in distributed system	IRJET
23	Mr. Azhar Baig	Pecking order attribute based Encryption	IJRACSE
24	Machappa. T	Dispersion of TiS2 nanosheets in organic materials	AIP Conference proceedings- AIP Publication
25	Machappa. T	Room temperature humidity sensor based on polyaniline tungsten disulphide composites	AIP Conference proceedings- AIP Publication
26	Sunil Kumar. A	Dispersion of TiS2 nanosheets in organic materials	AIP Conference proceedings- AIP Publication
27	Md Khalid S	Strength Characteristics of Multi-Fiber Reinforced Concrete With Mineral admixtures.	Published in IJAERD journal, Volume 4, Issue 6, June 2017.
28	Sagar N S	Comparison of Pond Ash Characteristics With Different Soils.	Published in IJAERD journal, Volume 4, Issue 6, June 2017.
29	B. Basavaraj	Replacement of Sand with Stone Crushed Powder in Conventional Concrete.	Published in IOSR Journal of dental and medical sciences, Volume 16, Issue 7, Version 2, July 2017
30	Dr.V.C.Patil	Graph-Based Energy Supportive Routing Protocol to Resist Wormhole Attack in Mobile Adhoc Network	Wireless Personal Communications volume
31	Mrs.Nilam C	A Design of A Novel ALU Architecture using Reversible Logic Technique	IJIREICE
32	Mrs.Nilam C	Noise Optimization using FIR Filter	International Journal of VLSI & Signal Processing
33	Mrs.Nilam C	Image Encryption Using Scrambling and Diffusion Operation Using Chaotic Map	International Journal of Computer Science and Mobile Computing
34	Mr.VishnuKanth Karwa	A Novel Image Localization Methods for Image Forgery	IJIRCCE
35	Mrs.Swetha N	A new Encryption methodology of aes algorithm using high speed s-box	IJERECE
36	BS Khened,	High Sensitivity and Selectivity of LPG Gas by Three Dimensional Molecular Ordered Polyaniline/CeO2 Nanocomposites	<u>Sensor Letters</u>

37	BS Khened,	Synthesis, characterization and liquid petroleum gas sensing of ZnFe <sub>2</sub> O <sub>4</sub> nanoribbons doped polyaniline nanocomposites	<a href="#">Sensor Letters</a>
38	Vijaya Krishna M	Photo Voltaic Systems Power Optimization under Cascaded Inverter Environment	International Journal of Scientific Engineering and Technology Research
39	Sunitha P M, Banakara Basavaraja and Sharana Reddy	Modeling, Simulation and Analysis of Bearing Voltage and Bearing Current in PWM Multilevel Inverter Fed Induction Motor with Different HP Ratings	IJIREECE
40	Harish Kumar G	Two Way Three Phase AC-AC UPC with LC Pair Approach Using Zero Voltage Soft Switching Technique	International Journal of Scientific Engineering and Technology Research
41	Harish Kumar G	High Voltage Gain for Grid-Tied Applications using Interfaced Buck-Boost-Derived Flyback Converter Approach with Single Switch	International Journal of Scientific Engineering and Technology Research
42	Abdul Khadar A	Research Advancement Towards in Existing Smart Metering over Smart Grid	<i>IJACSA, Web of Science, Scopus, Inspec, Semantic Scholar,</i>
43	Abdul Khadar A	Novel Decision-based Modeling of Minimizing Usage Cost of Electricity in Smart Grid	Springer Cham, CSOC 2017: Artificial Intelligence Trends in Intelligent Systems
44	Abdul Khadar A	Enhanced StatCom and Adaptive Neuro Fuzzy Logic Control at Grid Integrated FSIG Type Wind Farms under Asymmetrical Fault Condition	International Journal And Magazine Of Engineering , Technnolgy, Management and Research (IJMETMR)
45	Shridhar.S.M, Santhosha.B.M , Mahammad Anwar	A system bus extension and FPGA implentation of RS232 to USB converter Integrate on SOC	IJAREEIE
46	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
47	Poovi Arasan,	"Validation of Centralised Data Processing Unit for a Manufacturing setup through Simulation"	International journal of Innovative research in Science , Engineering and Technology Vol 5, Issue 7 July 2016
48	Dr.Raghavendra Joshi, Rajashekar B	" Design and Numerical Studies on Clamping Fixture for Machining an Automotive Pump Body"	International journal for Research in Applied Science Engineering Technology Vol 4 issue 7 July 2016
49	Shekar K,	"Experimental Analysis of solar Air Heater with Broken Ribs absorber Plate for Fruits Drying applications"	International journal of Innovative research in Science , Engineering and

			Technology Vol 5, Issue 8 Aug 2016
50	Dr.V Ravi	"Aerodynamic Characteristic Analysis of UAV By Using CFD"	International Journal for Research in Applied Science & Engineering Technology. Vol.4, Issue 8. Aug 2016
51	Dr.Yadavalli Basavaraj,	Importance of Condition Based Maintenance An Overview	International Journal of Innovative Research in Science, Engineering And Technology. Vol. %, Issue 9, Sep 2016
52	ShivaramaKrishna,	Finite Element Analysis of Two Wheeler Disc Brake Rotor	Imperial Journal of Interdisciplinary Research Vol. 2 ,Issue 7 ,2016
53	Raghavendra Joshi,	Evaluation of Al7075 reinforced with SiC for its Mechanical Properties & Surface Roughness by Drilling	Materials today Science Direct
54	Raghavendra Joshi,	"Drilling Parameters Optimization and Characterization of Al 7075 reinforced with Al2O3"	Materials today Science Direct
55	Manjunath T H	"Study of Mechanical Properties and Drilling Behaviour of Al7075 reinforced with B4C"	Materials today Science Direct
56	Mohammed Javed Kalburgi	A Study on Perception of students towards Motorbikes	International Journal of Business and Administration Research Review
57	Mohammed Javed Kalburgi	A Study on Perception of students towards Digital Marketing	International Journal of Management and Social Science Research Review
58	Janet Jyothi Dsouza	Testing the Stability of Beta in Indian Stock Market	International Journal of Management and Social Science Research Review
59	A.Mahesh & Dr.G.P.Dinesh	Magnifying the Minute – A KAM Operationalization Perspective	Asian Journal of Research in Business Economics and Management
60	Mr.Christopher Raj/ Dr. Poornima.Y	The Impact of the Perception of Films on the Behavioural Aspects of Audiences in Ballari City - An Empirical Study	International Journal of Business and administration Research Review
61	Janet Jyothi Dsouza	Financial Performance Of Public Sectors Banks In India- An Evaluation	International Journal of Business and Administration Research Review

### 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	Santhosha B M, Shridhar S M, Y Kamal Kishore	Flashover voltage modeling of an outdoor porcelain insulators	INTERNATIONAL	AJBAS

2	Raghavendra P	Online Volt/Var Control in Smart Grids with Multiple DG Systems	INTERNATIONAL	IEEE
3	Sharana Reddy and Banakara Basavaraja	Experimental Analysis of Effects of Mechanical Parameters on Bearing Voltage in a PWM Voltage Source Inverter Fed Induction Motor Drive	INTERNATIONAL	IJERT
4	Sharana Reddy and Basavaraja Banakara	An Evaluation of Bearing Current Mitigation Techniques in PWM Adjustable Speed Drives Applications	INTERNATIONAL	IEEE
5	Sharana Reddy and Basavaraja Banakara	Modeling, Simulation and Analysis of Common Mode Voltage and Bearing Voltage in a PWM Multilevel Inverter Fed Induction Motor with Long Cable	INTERNATIONAL	IEEE
6	Dr. R.V.Biradar	Energy utilization and security enhancement using particle swarm optimization(PSO)	International	IEEE
7	R.M.Jagadish	Offline Data Synchronization with Occasionally Connected Database using Smart - IPMS	International	LNEE, Springer
8	Dr. R N Kulkarni	Abstraction of Information Flow and Functional Dependency from a Restructured Legacy 'C' Program for Parallelization.()	International	IEEE
9	Dr. Vidyavathi B. M.	Prediction of Crime Trends Using MK-MC Technique.		SPRINGER
10	Mr. Dadapeer	Design of Auto Wakeup Alarming System for Commuters in Railway Sleeper Coaches	International	IEEE
11	Dr. V.C.Patil	Performance Evaluation Of MANET Protocols: A Propagation Model Perspective	International	IEEE Digital Library
12	Dr. V.C.Patil	A Comparative study on AODV,DSR & DSDV routing protocols for ITS in metro cities for road traffic safety using VRTA	International	IEEE Digital Library
13	Dr .U Eranna	Systematic computational analysis of data based on video-object tracking for surveillance	International	IEEE Digital Library
14	Dr. U Eranna	Eye blink controlled robot using EEG technology	International	IRAJ forum
15	Mr. Naseeruddin	Performance Evaluation Of MANET Protocols:A Propagation Model Perspective	International	IEEE Digital Library
16	Dr. V.C.Patil	Issues faced in the Experimental valuation of ZigBee based battery status monitoring and wireless charge sharing system	International	IEEE Digital Library
17	Dr. K.M.Sadyojatha	Design and analysis of circular MPA using multi-layer Substrate sandwich for bandwidth enhancement	International	IEEE Digital Library

18	Dr. K.M.Sadyojatha	Bandwidth Enhancement Techniques for MPA for Wideband and Multiband Applications	International	IEEE Digital Library
19	Mr. .Rohitha U.M	Energy Detection with different Digital Modulation Techniques over Rayleigh Fading Channels in Cognitive Radio Networks	International	IEEE Digital Library
20	Mr. Rohitha U.M	Fast Optimal and eXplorative(FOX) Sensing and Power Allocation Scheme for Non-Cooperative Cognitive Radio Networks	International	IEEE Digital Library
21	Mrs. Renuka Sagar .R	Spectrum Distribution Technique for Heterogeneous 5G by Network Opting and Channel Allocation Methods	International	Dayanand Sagar University, Benagaluru
22	Mr. Naseeruddin	Design and analysis of circular MPA using multi-layer Substrate sandwich for and width enhancement	International	IEEE Digital Library
23	Mr. Naseeruddin	Issues faced in the Experimental valuation of ZigBee based battery status monitoring and wireless charge sharing system	International	IEEE Digital Library
24	Mr. Naseeruddin	Bandwidth Enhancement Techniques for MPA for Wideband and Multiband Applications	International	IEEE Digital Library
25	Mr. Fareduddin J.S	Energy Detection with different Digital Modulation Techniques over Rayleigh Fading Channels in Cognitive Radio Networks	International	IEEE Digital Library
26	Mr. Fareduddin J.S	Fast Optimal and eXplorative(FOX) Sensing and Power Allocation Scheme for Non-Cooperative Cognitive Radio Networks	International	IEEE Digital Library
27	Mr. Hemantha Kumar R	Matlab Simulation of BLDC motor driven SPV Array Fed Water Pumping System Emploung Data Converter with Grid Connected	National	RAJARAJESWARI COLLEGE OF ENGINEERING, Bengaluru
28	Mr. Manjunath. G.	Design and analysis of circular MPA using multi-layer Substrate sandwich for and width enhancement	International	IEEE Digital Library
29	Mr. Manjunath. G.	Bandwidth Enhancement Techniques for MPA for Wideband and Multiband Applications	International	IEEE Digital Library
30	Mr. Ulaganathan J	Eye blink controlled robot using EEG technology	International	IRAJ forum
31	Mr. Ulaganathan J	Biofeedback Acquisition using EMG	International	IRAJ forum
32	Mr. Ulaganathan J	Design & Implementation of shortest path & Fault Tolerant Algorithm in NOC	International	IRAJ forum

33	Mr. Ulaganathan J	Design & Verification of Improved Hamming code using Verilog	International	IRAJ forum
34	Mr. Abdul Lateef Haroon	Eye blink controlled robot using EEG technology	International	IRAJ forum
35	Mr. Abdul Lateef Haroon	Biofeedback Acquisition using EMG	International	IRAJ forum
36	Mr. Abdul Lateef Haroon	Design & Implementation of shortest path & Fault Tolerant Algorithm in NOC	International	IRAJ forum
37	Mr. Abdul Lateef Haroon	Design & Verification of Improved Hamming code using Verilog	International	IRAJ forum
38	Mr. Abdul Lateef Haroon	ViPS Visual Processing System For Medical Imaging	National	IRAJ forum
39	Mr. Raymond I	Eye blink controlled robot using EEG technology	International	IRAJ forum
40	Mr. Raymond I	Biofeedback Acquisition using EMG	International	IRAJ forum
41	Mr. Raymond I	Design & Verification of Improved Hamming code using Verilog	International	IRAJ forum
42	Mr. Raymond I	Design & Implementation of shortest path & Fault Tolerant Algorithm in NOC	International	IRAJ forum
43	Mr.Pramod Mutalik	Comparison of AODV,DSR,DSDV routing protocols in urban/rural areas using VANET Route Traffic Analysis	International	PDACE, Kalaburagi
44	VIJAYA KRISHNA M	Comparison of Various Switching Techniques for 7-Level Cascaded Multilevel Inverter: A Review	National	IJERT
45	Dr. Yadavalli Basavaraj	Prediction of blade resonance of cooling tower fans using vibration analysis	International	International journal of Innovative Research in Science, Engineering & Technology
46	Pavan Kumar B K	Vibration based Condition Monitoring for generator	National	International Journal of Research in Engineering & Technology
47	Dr. Yadavalli Basavaraj	Analysis of six sigma methodology in exporting manufacturing organizations and benefits derived: A Review	International	IEEE
48	Maharaja Gowda B	Fabrication & analysis for some mechanical properties of LM13 based MMC's reinforced with bottom ash	National	IJRCMEAS
49	G Raghavendra Setty	Dynamic vibration analysis of gear box casing using ANSYS software	International	International journal of Innovative Research in Science, Engineering & Technology
50	Dr. Yadavalli Basavaraj	Vibration based Condition Monitoring for generator	National	International Journal of Research in Engineering & Technology

51	G Raghavendra Setty	Prediction of blade resonance of cooling tower fans using vibration analysis	International	International journal of Innovative Research in Science, Engineering & Technology
52	Mayur Pawar	Experimental study on dissimilar friction stir welding of Aluminium alloys (5083-H111 and 6082-T6) to investigate the mechanical properties	International	Material Science & Engineering
53	Dr Ganesha B	Dynamic vibration analysis of gear box casing using ANSYS software	International	International journal of Innovative Research in Science, Engineering & Technology
54	Dr V V Ramana	Effects of Tool pin profile on dissimilar friction stir welding of aluminium alloy AA 7075 T651 & AA 6061T6	International	International Journal of Latest Trends in Engineering & Technology
55	H M Anil Kumar	Experimental study on dissimilar friction stir welding of Aluminium alloys (5083-H111 and 6082-T6) to investigate the mechanical properties	International	Material Science & Engineering
56	H M Anil Kumar	Effects of Tool pin profile on dissimilar friction stir welding of aluminium alloy AA 7075 T651 & AA 6061T6	International	International Journal of Latest Trends in Engineering & Technology
57	Shivarama Krishna	Study of Microstructure and Wear behaviour of Al-Si-Cu-Fe Alloy	National	International Journal of Research in Engineering & Technology
58	Dr V V Ramana	Experimental study on dissimilar friction stir welding of Aluminium alloys (5083-H111 and 6082-T6) to investigate the mechanical properties	International	Material Science & Engineering
59	Dr. Yadavalli Basavaraj	Study of Microstructure and Wear behaviour of Al-Si-Cu-Fe Alloy	National	International Journal of Research in Engineering & Technology

*Faculty provided with financial support to attend conferences/workshops and towards membership fee of professional bodies: 49*

*Professional development / administrative training programs organized by the institution for teaching and non-teaching staff: 03*

No. of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP) (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.): 25

## 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:

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

#### Maintenance of Buildings

- Ensure that the Buildings, Guest House and Hostels premises are maintained clean, neat and hygienic.
- Ensure that they are periodically painted and washed, in case of any problems with buildings, are attended to promptly.
- 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.,**

Name of the capability enhancement program	Date of Implementation	Name of Agencies or Consultants involved with Contact Details(If any)
Yoga Classes	21 June 2017	BITM
Student development program on Cloud Computing Blue Mix	11 May 2017	IBM Certified BITM Faculties
Student development program on Cloud Computing Blue Mix	17 April 2017	IBM Certified BITM Faculties
Infosys Campus Connect	23 March 2017	BITM Faculty

Communication Skills Workshop on Word Press	06 March 2017 12 November 2016	Innovation Unlimited Solutions Dept of CSE, BITM
English Communication training via ELL Scholar Software in the Language Lab for the First year B.E students	14 September 2016	BITM Faculty
Wipro Mission 10X	18 July 2016	BITM Faculty

**Awareness Program By Superintendent Of Police (22.03.2017)**



*Awards and recognition received for extension activities from Government and other recognized bodies*

Name of the Activity	Award/recognition	Awarding bodies
Blood Donation Camp	Blood Donation Camp	Red Cross Society

**BLOOD DONATION CAMP (18.02.2017)**



## 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>
Publications	CSE-103, ECE-24, ME-12	BITM-R & D Fund	180 Days
Wipro Technology learning centre inter disciplinary projects	30	BITM	360 Days
Student Exchange	1	BITM	90 Days
Faculty Exchange	5	BITM	02 Days
E-Yantra Lab	15	BITM	120 Days

Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc.

<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>	
<b>On-Job Training</b>	Infosys Campus Connect	Infosys Ltd.,	01.02.2017	20.05.2017	148
	IBM Speciality Labs	IBM India Pvt. Ltd.,	17.04.2017	22.04.2017	38
	IBM Speciality Labs	IBM India Pvt. Ltd.,	11.05.2017	20.05.2017	41
	E-Yantra Robotics Lab	IIT-Mumbai	01.03.2017	30.05.2017	16
<b>Internship</b>	Steel Industry	JSW Steels Ltd.,	25.01.2017	24.02.2017	10
	VTU Internships	Banking / Finance / Marketing and HR Industries	28.12.2016	10.06.2017	124
	VTU Internships	JSW / BTPS	25.01.2017	24.02.2017	2
<b>Sharing of Research Facility</b>	Physics and Chemistry Research Lab,	VSK University and Veerashaiva College Ballari	15.07.2016	30.06.2017	14
	FMS Lab.	Local Small Scale Industries-SGP	15.07.2016	30.06.2017	117
<b>Skill Development</b>	Surya Mitra	Govt. of India, Ministry of Renewal Energy	15.07.2016	30.06.2017	30

Project Work	VTU Projects	Banking / Finance / Marketing and HR Industries	01.03.2017	30.06.2017	124
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### MoUs/ CoE / and Associations:

Organisation	Date of MoU's signed	Purpose and Activities	Number of students / teachers participated under MoU's
IBM Specialty LAB	27.12.2016	Certification for Cloud Computing, Big Data Analytics and Mobile Computing	22
Renewal of Infosys Campus Connect	16.12.2016	Certification for Infosys Foundation Program and Soft skills	148
J /Q Spiders	26.12.2016	Skill Development in the area of Manual and automated testing and JAVA programming	143
Harita Techserv A Unit of TVS Group of Companies	30.05.2017	To train students on Siemens PLM Software in 3D Modelling	30

### 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

Slr	Name / Title of the scheme	Number of students	Amount in Rupees
Financial support from institution	Fee Concession and Economical Scholarship	184	17,82,000
<b>Financial support from other sources</b>			
a) National	Govt. of Karnataka / OBC, SC, ST Scholarships	2747	5,57,02,285
b) International	NIL	0	0

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

<i>Details of Career Counselling</i>	<i>Number of students attended / participated</i>	<i>Number of students placed through campus placement</i>
Preparation for Placements	180	384
Creating Value Through Entrepreneurship	340	
Placement Preparation, technology Trends & Industry Expectations	450	

### *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 1<sup>st</sup> 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.*

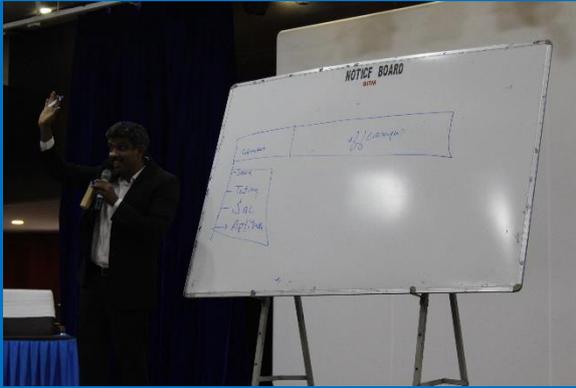
### *Campus Placements, Higher Education & Competitive Examinations:*

*Institution has successfully placed **384** 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 **16** 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. **16** students have successfully cleared the competitive exams.*

**J-SPIDER PRESENTATION (16.11.2016)**



**PLACEMENT ACTIVITIES (04.02.2017)**



**CREATING VALUE THROUGH ENTREPRENEURSHIP  
(09.03.2017)**



**TRAINING & PLACEMENT (24.03.2017)**



## 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
07.09.2016	1. BASKET-BALL (Men) BITM BALLARI 1st-Place	10
26.09.2016	2. BADMINTON(Men), RYMEC –BALLARI	6
	3. BADMINTON(Women ), RYMEC –BALLARI	4
29.09.2016	4. TABLE-TENNIS (M/W), GNDCE –BIDAR, 2nd-place – Men & 2nd-place –Womens	4
	5. TABLE-TENNIS (M/W), GNDCE –BIDAR, 2nd-place – Men, 2nd-place –Womens	3
18.11.2016	6. 19th VTU Athletic Meet-Shot-Put Men- Dr.TTiT KGF- 1st Place	1
01.03.2017	7. VOLLEY BALL(Men), RYMEC BALLARI	14
05.03.2017	8. CRICKET (Men)	53
21.03.2017	9. HAND –BALL, RYMEC BLY, 2nd- Place	12
25.03.2017	10. VOLLEY BALL Men Intra Mural sports Meet	48
26.03.2017	11. BADMINTON Men Intra Mural	6
	12. BADMINTON Women Intra Mural	4
28.03.2017	13. BASKSET BALL Men Intra Mural sports Meet	38
31.03.2017	14. TABLE TENNIS Men Intra Mural	3
	15. TABLE TENNIS Women Intra Mural Sports meet	5
05.04.2017	16. FOOT BALL Men, BITM BALLARI	17
07.04.2017	17. KHO-KHO (M), BLDEAS-Vijayapur, 2nd Place	12
16.04.2017	18. HOCKEY (Men) BLDEAS VIJAYAPUR	17
25.04.2017	19. HOCKEY (Women), RYMEC BALLARI	13
	2016-17 – Cultural	
	17th VTU-YOUTH FEST-YuvaKalanjali	
16-03-2017	1. Dance	12
	2. One act play	9
	3. Quiz	3
	4. Singing	6
	5. Debate	2
	6. Poster making	1
	7. Elocution	1
	8. Clay Modelling	1

	9. Rangoli	1
17-03-2017	10. Skit	6
	11. Mime	6
	12. Spot Photography	1
	13. On spot Painting	1
	ii. Food Fest	
18-03-2017	15. Cook without fire	116
	III. Explorika 2K17	
07-04-2017	16. Paper presentation	86
	17. Skit & Drama	14
	18. Dance	84
	19. Mime	11
	20. Pot Painting	5
	21. Photography	6
	22. Painting	28
	23. Short movie making	5
	24. Singing	32
	25. General Quiz	80
	26. Treasure Hunt	135
08-04-2017	27. Mehendi	50
	28. Model making	53
	29. Rangoli	222
	30. Best out of scrap	56
	31. Coding & debugging	83
	32. Collage	60
	33. Debate	23
	34. Dubsmash	14
	35. Elocution	24
	36. Face painting	23

**BASKET BALL TOURNAMENT (07.09.2016)**



**FOOTBALL - VTU GULBARGA ZONAL (04 & 05.04.2017)**



## *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 612** alumni students were enrolled.

**05 Meetings / Activities** organized by Alumni Association.

**ALUMNI for final year - 15.09.2016**



**ALUMNI - ANNUAL GENERAL BODY MEETING - 2016  
(15.09.2016)**



**ALUMNI MEET – 2017 PUNARMILANA – 11.02.2017**



GRADUATION DAY (13.05.2017)



## **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 88740 **volumes** of Books with 9333 **Titles** on Engineering, Management and Humanities. Library subscribed to 91 **Print Journals** and 08 **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 automized 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, Sententia 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 13235 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**

- \* *1030 Nos. Computers have been provided in all the Depts./ Labs with LAN System. 64 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.*
  - *"Bhoomika" Quarterly Magazine is published by the students depicting their creativity and achievements.*
  - *Canteen: The Canteen in the campus serves hygienic food and is open on all working days.*
  - *Transportation: With a fleet of 15 buses, BITM offers convenient transport facilities for students to avail.*

ISTE (23.05.2017)



## Faculty Empowerment Strategies

Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided
Anil Kumar. H. M	International Conference on Recent Advances in Materials, Mechanical and Civil Engg.	Marri Lakshman Reddy Institute of Technology and Management, Hyderabad.
Ravi Kumar J S	Emotional Intelligence for Teaching and Academic Leadership	Allum Karibasappa Inst of Management, Ballari
Dinesh K	FDP on Capital Market Analytics	National Institute of Securities Market NISM-Kristu Jayanti School of Management, Bangalore
Mr. T M Hayath	ARM XKEIL Workshop	GAT, Bangalore
Mr. Md. Shafiulla	Pervasive and Mobile	NIT - Suratkal
Mrs. Pratibha Mishra	Data Analytics	SDM, Dharwad
Mrs. Sheetal J	Data Analytics	SDM, Dharwad
Mr. Bimanna A	Design and Analysis of algorithms JAVA and Microprocessor Laboratory	SVIT, Bangalore
Mrs. Swetha N.	FDP on "Signals, Systems and Transform Techniques Theory with MATLAB"	NIT Warangal
Ms. Poornima	FDP on "Signals, Systems and Transform Techniques Theory with MATLAB"	NIT Warangal
Ms. Sarala	FDP on "Signals, Systems and Transform Techniques Theory with MATLAB"	NIT Warangal
Mr. Naveen Kumar G	FDP on ETL and Data Analytics using informatica and Python	B.M.S.I.T., Bangalore
Mr. Dadapeer	FDP on Pervasive and Mobile Computing	NITK, Surathkal
Mr. Virupaksha Gowda	Foundation Program 5.0	SIT, Tumkur
Mr. Naseeruddin	IEEE Conference "Applied and Theoretical Computing and Communication Technology"	SJBIT, Bengaluru
Mr. Fareduddin	IEEE Conference on "Innovations in Power and Advanced Computing Technologies" at VIT, Vellore	VIT, Vellore
Mr. Naseeruddin	IEEE International Conference on "Electrical, Computer and Communication Technologies" at Coimbatore	SVSCE, Coimbatore
Mr. Pramod Mutalik	IJETCSE on "Comparison of the AODV, DSR and DSDV routing protocols in Urban/ Rural Areas using VANET Route Traffic Analysis"	IJETCSE, Kalaburgi
Mr. Abdul Lateef	International Conference "Electrical, Electronics, Computer, Information, Communication and Mechanical Engineering" Bengaluru	ISETE, Bengaluru
Mr. Raymond I.	International Conference "Electrical, Electronics, Computer, Information, Communication and Mechanical Engineering" Bengaluru	ISETE, Bengaluru
Mr. Ulaganathan	International Conference "Electrical, Electronics, Computer, Information, Communication and Mechanical Engineering" Bengaluru	ISETE, Bengaluru
Dr. R V Biradar	National level Advanced Workshop on NS3 Simulator NS3-2017	BITM, Ballari

Mr. Azhar Baig	National level Advanced Workshop on NS3 Simulator NS3-2017	BITM, Ballari
Mr. H Hari Krishna	National level Advanced Workshop on NS3 Simulator NS3-2017	BITM, Ballari
Mr. Jagadish R M	National level Advanced Workshop on NS3 Simulator NS3-2017	BITM, Ballari
Mr. Kiran A M	National level Advanced Workshop on NS3 Simulator NS3-2017	BITM, Ballari
Mr. Sridhar S K	National level Advanced Workshop on NS3 Simulator NS3-2017	BITM, Ballari
Mr. Sudhakar Avareddy	National level Advanced Workshop on NS3 Simulator NS3-2017	BITM, Ballari
Mrs. Pratibha Mishra	National level Advanced Workshop on NS3 Simulator NS3-2017	BITM, Ballari
Mrs. Sheetal J	National level Advanced Workshop on NS3 Simulator NS3-2017	BITM, Ballari
Ms. Pooja Kulkarni	National level Advanced Workshop on NS3 Simulator NS3-2017	BITM, Ballari
Prof. Anita Patil	National level Advanced Workshop on NS3 Simulator NS3-2017	BITM, Ballari
Prof. Muhibur Rahman	National level Advanced Workshop on NS3 Simulator NS3-2017	BITM, Ballari
Prof. Venkateshwar	National level Advanced Workshop on NS3 Simulator NS3-2017	BITM, Ballari
Dr. R N Kulkarni	Partnership Reinforcement and Development Engagement PRIDE TCSion	TCS, Bangalore
Prof. C K Srinivas	Partnership Reinforcement and Development Engagement PRIDE TCSion	TCS, Bangalore
Prof. Paniram Prasad	Partnership Reinforcement and Development Engagement PRIDE TCSion	TCS, Bangalore
Mr. Pavan Kumar B K	Research methodology and Latex	Raja Rajeswari College of Engg., Bangalore
Mr. Abdul Lateef	Workshop On "Brain Wave Robot" at IIT Bombay.	IIT Bombay.
Mr. Premachand	Workshop On "Brain Wave Robot" at IIT Bombay.	IIT Bombay.
Mr. Ranjit Pyati	Workshop On "Brain Wave Robot" at IIT Bombay.	IIT Bombay.
Mr. Raymond I.	Workshop On "Brain Wave Robot" at IIT Bombay.	IIT Bombay.
Mr. Ulaganathan	Workshop On "Brain Wave Robot" at IIT Bombay.	IIT Bombay.
Mr. Abdul Lateef	Workshop on Research Methodology, Bangalore	Rajarajeswari Engineering Collge, Bangalore
Mr. Premachand D .R.	Workshop on Research Methodology, Bangalore	Rajarajeswari Engineering Collge, Bangalore
Mr. Naveen G	Workshop on Cloud Computing	BNMIT, Bengaluru
Ms. Pooja Kulkarni	Workshop on Cloud Computing	BNMIT, Bengaluru
Dr. Aradhana D	Workshop on Spoken Tutorials Program	VTU, Kalburgi
Mrs. Pratibha Mishra	Workshop on Spoken Tutorials Program	VTU, Kalburgi

**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)
MALLIKARJUNA	Short term course on Wireless Ad HOC and Sensor Networks	01/01/2017 to 01/03/2017
RANJITH PYATI	Short term course on Basic Electronics	01/01/2017 to 01/04/2017
HEMANTH KUMAR R K	Short term course on Embedded Systems Design	01/01/2017 to 01/04/2017
SOUBHAGYA B	Workshop on Advancements in MATLAB and its applications	26/09/2016 to 01/10/2016
BHARATHI	Workshop on Advancements in MATLAB and its applications	26/09/2016 to 01/10/2017
FAREEDUDDIN	Workshop on Advancements in MATLAB and its applications	26/09/2016 to 01/10/2018
GEETHANJALI	Workshop on Advancements in MATLAB and its applications	26/09/2016 to 01/10/2019
MANJUNATH G	Workshop on Advancements in MATLAB and its applications	26/09/2016 to 01/10/2020
RAYMOND	Workshop on Advancements in MATLAB and its applications	26/09/2016 to 01/10/2022
SIMANTINI CHOWDAHURY	Workshop on Advancements in MATLAB and its applications	26/09/2016 to 01/10/2023
DHANANJAU KUMAR	FDP on Processing of materials, material characterization and testing	16/01/2017 to 21/01/2017
U M DAIVAGNA	FDP on Processing of materials, material characterization and testing	16/01/2017 to 21/01/2018
V RAVI	FDP on Processing of materials, material characterization and testing	16/01/2017 to 21/01/2019
SUMALATHA	FDP on IOT FOR EMERGING ENGINEERING APPLICATION	23/01/2017 to 28/01/2020
SWETHA N	FDP on SIGNALS SYSTEMS AND TRANSFORM TECHNIQUES THEORY WITH MATLAB"	26/12/2016 to 31/12/2016
PRAMOD MUTHALIK	Workshop on "CMOS, MIXED SIGNAL and RADIO FREQUENCY VLSI DESIGN"	30/01/2017 to 04/02/2017
PAVAN KUMAR B K	FDP on ALTAIR - HYPER WORKS	17/01/2017 to 21/01/2017
SHIVAKUMAR	FDP on IBM CE-Enablement program-Enterprise Application Development and Deployment Using IBM work light	26/03/2017 to 30/03/2019
DINESH K	FDP on Capital Market Analytics	17/02/2017 to 18/07/2017
RAVI KUMAR	Faculty development program on Agile Manufacturing and Management	16/01/2017 to 21/01/2017
SYED MOHIUDDIN	FDP: Advanced Numerical Techniques for Engineers and Researchers(ANTER-2017)	23/01/2017 to 28/01/2017

<b>VEERESH</b>	FDP: Advances in Engineering Mathematical Models	09/01/2017 to 13/01/2017
<b>POOJA KULKARNI</b>	FDP on Cloud Computing by Department of information science and Engineering	11/07/2016 to 16/07/2016
<b>PRATHIBA MISHRA</b>	FDP on Cloud Computing by Department of information science and Engineering	11/07/2016 to 16/07/2016
<b>NAVEEN KUMAR</b>	FDP on Cloud Computing by Department of information science and Engineering	11/07/2016 to 16/07/2016

## Quality Initiatives undertaken

Quality initiative	Name of the programs
<b>Conferences, Seminars, Workshops on quality conducted</b>	<ol style="list-style-type: none"> <li>Two days SDP on Signal Systems Transformer Techniques using MAT Lab</li> <li>Advancements in MAT lab and its applications</li> <li>IoT under outreach program of TECHNEX</li> <li>PCB Design and NI Lab View Simulations</li> <li>Faculty development program Mobility Workshop IBM WORKLIGHT</li> <li>Faculty development program Cloud Computing IBM BLUEMIX</li> <li>Faculty development program on Data Analytics on IBM Infosphere insight.</li> <li>Five-day Faculty development program on IBM CE enabled program enterprise application development</li> </ol>
<b>Academic Administrative Audit (AAA) and initiation of follow up action</b>	One Academic Administrative Audit was carried out successful and all the NCs were closed.
<b>Participation in NIRF along with Status.</b>	Institution participated in the NIRF for Engineering, Management and Overall ranking. The shortcomings were noted.
<b>ISO Certification. and nature and validity period</b>	Two - ISO audits were successfully carried out.
<b>Orientation programme on quality issues for teachers and students organised by the institution, Date (From-To) (DD-MM-YYYY)</b>	<ol style="list-style-type: none"> <li>Seminar on Entrepreneurship Development Program EDP 22/11/2016 to 22/11/2016</li> <li>Out Come Based Education of NBA Accreditation 18/07/2016 20/07/2016</li> </ol>

Name of quality initiative by IQAC	Date of conducting IQAC	Number of participants
Two days SDP on Signal Systems Transformer Techniques using MAT Lab	01/08/2016	33
Advancements in MAT lab and its applications	01/08/2016	40
IoT under outreach program of TECHNEX	01/08/2016	99
PCB Design and NI Lab View Simulations	01/08/2016	42
Faculty Development program Mobility Workshop IBM WORKLIGHT	01/08/2016	18

Faculty development program Cloud Computing IBM BLUEMIX	01/08/2016	14
Faculty development program on Data Analytics on IBM Infosphere insight.	01/08/2016	11
Five day Faculty Development program on IBM CE enabled program enterprise application development and deployment using IBM Worklight	01/08/2016	03

## Best Practices

Each staff is allocated 1820 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.



## Institutional Distinctiveness

MoUs COE and Associations Realizing the need to increase the employability by skilling the staff and students, the college made a strategic effort and emphasized on industry

collaborations through MoU, Skill Development, value added, certificate programs in line with the requirements of the industry.

- > Infosys campus Connect recognized as an Advanced Partner College. Foundations program on computers is imparted to non-IT branches and soft skill training and certification is facilitated. Faculty members are regularly deputed to upgrade their skills and the same industry oriented methods and techniques are imparted to the students. Faculties have got recognitions and awards.
- > Flexible Manufacturing and Conditioning Monitoring Robotics Lab in Collaboration with MTAB. In order to cater the local manufacturing units as well as the students of this region, this lab is built at a cost of 1.08 crores to teach the stake holders with respect to industry 4.0.
- > Surya Mitra Solar Energy Lab under the Collaboration of PMKVY. In lieu with the central government policy to train the graduates was opted by our institution to train the ITI / Diploma graduates and place them in various solar energy plants across different parts of Karnataka.
- > Wipro Mission 10X Technology Learning Centre Set up. To enable the students to develop products. Students carry out interdisciplinary projects and several projects have won recognition and students have been certified. This lab has helped to up skill the students in problem solving and 90 of the students who have undergone this training have placed in various MNCs.
- > Texas Instrument University Program Set up VLSI and Embedded System Lab. This lab has enabled the M.Tech., as well as BE students to work on latest equipments, which in turn helped in improving the skills of the faculty as well as the students.
- > Confederation of Indian Industries CII Permanent Member of CII. Regular Meetings are attended by the placement and training officers to understand the needs of the industry and the same is communicated to the management and to the HODs to fine tune as well as provide courses in lieu with the industry requirements.
- > All India Management Association Permanent Member of AIMA. Association with AIMA has helped the MBA Department to network with various colleges and professionals from management. Resource persons from AIMA have delivered talks and workshops to up skill the students and staff members.
- > J Spiders and Q Spiders Java and Testing Centre of Excellence Finishing School. This finishing school has helped the on campus non-placed students to get up skilled and have been placed in off campus recruitment.
- > NI Lab View Academy National Instruments Lab View Centre of Excellence. Faculty and students simulate the circuits using this high-end software has helped faculty to

publish articles as well as students to relate and understand subjects with respect to VLSI and embedded systems.

- > Harita Techserve A unit of TVS Group of companies. To upskill the students as well as to provide a placement opportunity, the final year mechanical students were trained in 3D modelling and were recruited by Harita Techserve.

**SCIENCE PARK DONATED MODELS (05.07.2016)**



**SCIENCE PARK MODELS DONATED (01.03.2017)**



### **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
- > Accident Insurance
- > Obituary Contingency
- > Fee Concession
- > Uniform Facility
- > Medical Facility
- > Salary Advance Amount
- > Career Growth
- > ESIC
- > Gratuity
- > Maternity Leave
- > Promotions
- > Publication Incentives
- > Ph.D. Contingency
- > Staff Association
- > 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>

## ***Celebrations at Our College***

### ***Independence Day (15-08-2016)***

*The institution celebrated 70<sup>th</sup> 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. Ms. Chaitra, student from CIVIL-Department spoke about the sacrifices made by our freedom fighters. Mr. Shreyas gave a speech with respect to the freedom movement and highlighted patriotism shown by our armed forces*

### ***Teacher's Day (05.09.2016)***

*Dr. Yadavalli Basavaraj, HOD-ME spoke about the importance of being a good teacher and mentioned 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 5<sup>th</sup> Sept. 2016. Principal Dr. V. C. Patil, addressed all the staff members in BITM Auditorium and spoke about the achievements and qualities of Sri. Sarvepalli Radhakrishnan and his school teacher.*

### ***Engineer's Day (15.09.2016)***

*Civil Engineering department organised Engineer's Day in behalf of all departments at the auditorium. Mr. Ram Mohan Desai, well known structural engineer was honoured on this Engineer's Day. Dr. H. Mahabaleswar spoke about the contributions made by Sir. M. Visweswaraiiah.*

### ***Ozone Day (16.09.2016)***

*NSS Volunteers namely Mr. Manjunath G. S. & Mr. Anush Reddy from Civil-Dept. organised awareness program on the importance of Ozone. Students formed Ozone shaped human chain to propagate the protection of Ozone.*

### ***Gandhi Jayanthi (02.10.2016)***

*Students namely Mr. Manikanta & Mr. M. C. Siddarth of Mechanical Department along with staff and NSS Unit recollected the contributions made by father of the nation Mahatma Gandhi and Lal Bahadur Shastri w.r.t. importance of peace, non-violence and hygiene. The students highlighted about Lal Bahadur Sastri and recollected his famous quote "Jai Jawan Jai Kisan". Swachh bharath program was conducted at the institution near the Tunga Block and Rameswari Nagar.*

### ***Karnataka Rajyothsava Day (01.11.2016)***

*Naada Geethe was sung by all the participants. Student namely Mr. Vijay Kumar D., Staff namely Dr. Shaik Meera from Mathematics Department recollected the importance of celebration of statehood and propagation of Regional Language. Students and staff spoke about importance of Kannada and the famous personalities such as Gopala Krishna Adiga for their contributions in the area of Kannada Literature.*

**World Aids Day (01.12.2016)**

*NSS Unit in collaboration with VIMS – Ballari organised a talk on prevention of AIDS. Mr. Jayaram from VIMS, spoke about the role played by the Govt. and the responsibility the youth of the Nation should take for the prevention of the AIDS.*

**National Youth Day (12.01.2017)**

*Student namely Ms. Sindhu S & Mr. Manoj K. N. 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 should take to make India the Super Power.*

**Republic Day (26.01.2017)**

*Dr. Yadavalli Basavaraj 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 to all the participants and Mr. Shreyas from ECE department highlighted the fundamental rights of the Nation. Mr. Yoganand Pattar sang a wonderful patriotic song.*

**International Women's Day (08.03.2017)**

*Dr. Aradhana, Women Cell Coordinator from CSE Department gave a talk on "Becoming Efficient Leaders" 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 (31.05.2017)**

*NSS volunteer namely Mr. Madhusekhar from ECE-Department took the lead role to propagate the ill effects of Tobacco at Allipura Village. Mr. Ashok Bhupal, met the village officials and informed the authorities to display information related to ill effects of Tobacco.*

**World Environment Day (05.06.2017)**

*Students and staff members carried out tree plantation program at the Civil Engineering Labs in the campus. Principal distributed Tree saplings to the NSS Students and principal spoke about the importance of using Renewable Energy.*

**International Yoga Day (21.06.2017)**

*International Yoga Day was organised at girl's hostel in BITM campus. Ms. Indu & Ms. Aishwarya of CIVIL-Department demonstrated to all the students about Basics of Yoga and Pranayama.*



Principal,  
Ballari Institute of Technology & Management,  
BELLARY.