



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 2015-16

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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®, 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**, BA, Trustee, and **Mr. Y.J. Prithviraj Bhupal**, B.E., M.Tech., (Aust), Trustee / Deputy Director of BITM, **Dr. V J. Bharath**, MBBS, D. Ortho, DNB Ortho, Trustee and **Sri. S. B. Amarraj Bhupal**, LL.M., Trustee have been bringing laurels-along the TEHRD Trust vision due to their tireless efforts. In other words, they have given wings to the vision of Basavarajeswari Group of Institutions.

BOARD OF TRUSTEES



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



Dr. 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- 10th Std

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



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

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



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

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



BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT, BALLARI

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

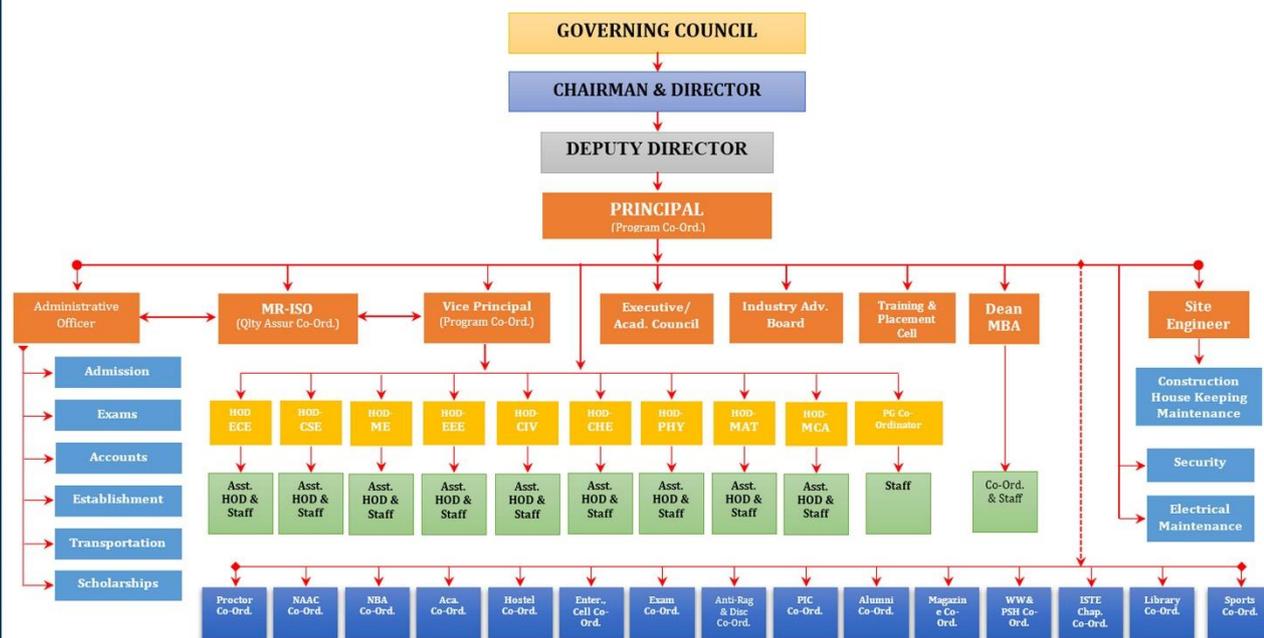
SN	Nominated Position in Governing Council	Name of the Member	Date of App.
1	Chairman	Dr. Yashvanth Bhupal , MS, Ph.D., MIE, Chairman & Director, BITM, Bellary	31.05.2008/ 15.02.2010
2	Member	DR. S.J.V.MAHIPAL , MBBS,MD, No.35, 3 rd Cross, Gandhinagar, Bellary – 583 103.	01.01.1998 Reappointed on 31.05.2008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

ORGANISATIONAL CHART



HODs & Dean are Course Co-Ordinators and Research Center Co-ordinators i.e., CSE, ECE, ME, MBA, PHY, CHE & Maths.

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:

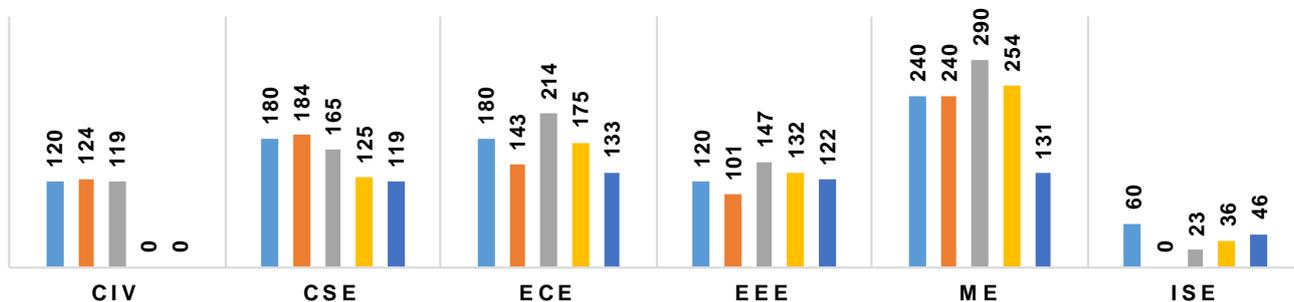
Sl. No.		Year of Est.	Accreditation Status			
			NBA		NAAC	
			From	To	From	To
	Under Graduate Course					
1	Computer Science & Engineering	1997	2011	2014	2015	2020
2	Electronics & Communication Engineering	1997	2011	2014	2015	2020
3	Mechanical Engineering	1997	2011	2014	2015	2020
4	Information Science & Engineering	1999	--	--	2015	2020
5	Electrical & Electronics Engineering	2007	--	--	2015	2020
6	Civil Engineering	2014	--	--	2015	2020
	Post Graduate Courses					
1	Computer Network Engg.	2004	--	--	2015	2020
2	Digital Electronics (ECE)	2007	--	--	2015	2020
3	VLSI Design & Embedded Sys	2011	--	--	2015	2020
4	Design Engg. (ME)	2012	--	--	2015	2020
5	Computer Science & Engineering	2012	--	--	2015	2020
6	MBA	2007	--	--	2015	2020
7	MCA	2008	--	--	2015	2020
	Research Centre					
1	Computer Science & Engineering	2013	--	--	2015	2020
2	Electronics & Communication Engineering	2014	--	--	2015	2020
3	Mechanical Engineering	2012	--	--	2015	2020
4	MBA	2012	--	--	2015	2020
5	Chemistry	2010	--	--	2015	2020
6	Physics	2012	--	--	2015	2020
7	Mathematics	2012	--	--	2015	2020

NO. OF STUDENTS ON ROLLS (UG)

S N	Course	Sanctio ned 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	86	38	124	87	32	119	-	-	-	-	-	-
2	CSE	180	57	127	184	44	121	165	35	90	125	20	99	119
3	ECE	180	59	84	143	70	144	214	62	113	175	70	63	133
4	EEE	120	47	54	101	72	75	147	74	58	132	57	65	122
5	ME	240	235	5	240	281	09	290	245	09	254	131	-	131
6	ISE	60	-	-	-	06	17	23	06	30	36	05	41	46
	Total	900	484	308	792	560	398	958	422	300	722	283	41	551

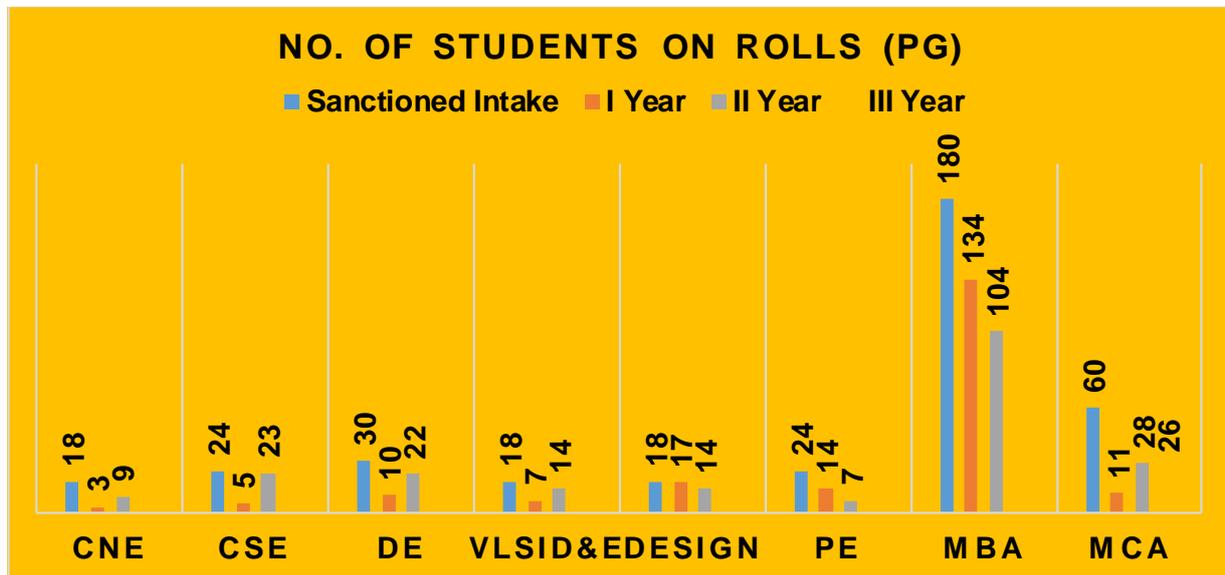
NO. OF STUDENTS ON ROLLS (UG)

■ SANCTIONED INTAKE ■ I YEAR ■ II YEAR ■ III YEAR ■ IV YEAR



NO. OF STUDENTS ON ROLLS (PG)

Sl. No.	Course	Sanctio ned Intake	Total No. of Students Admitted								
			I Year			II Year			III Year		
			M	F	T	M	F	T	M	F	T
1.	CNE	18	1	2	3	1	8	9	-	-	-
2.	CSE	24	2	3	5	7	16	23	-	-	-
3.	DE	30	2	8	10	7	15	22	-	-	-
4.	VLSI	18	5	2	7	6	8	14	-	-	-
5.	DESIGN	18	17	-	17	13	1	14	-	-	-
6.	PE	24	6	8	14	3	4	7	-	-	-
7.	MBA	180	69	65	134	55	49	104	-	-	-
8.	MCA	60	1	10	11	9	19	28	11	15	26



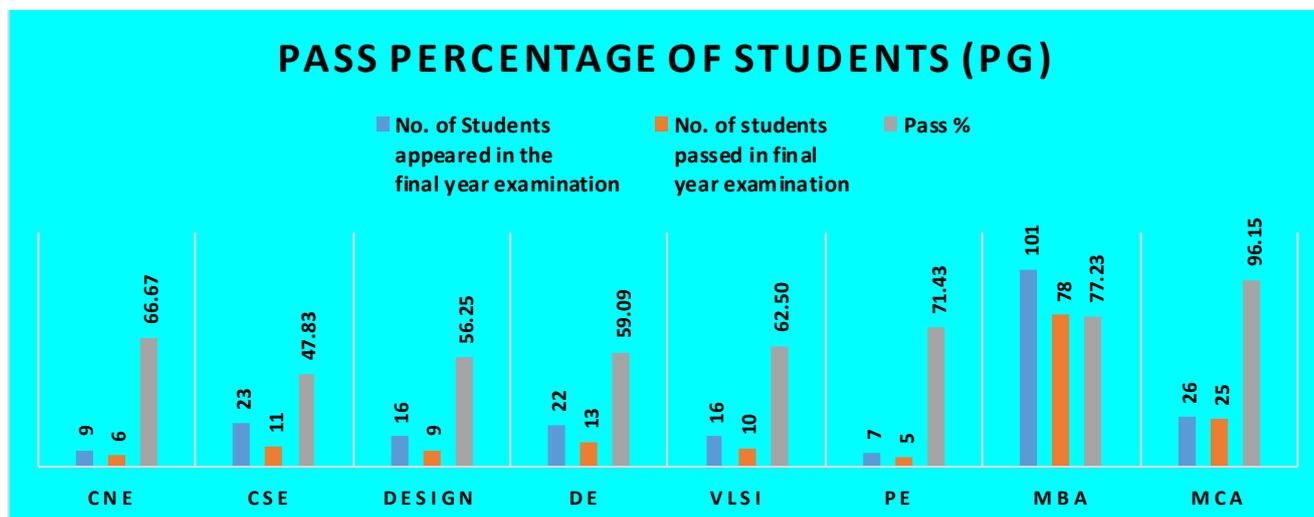
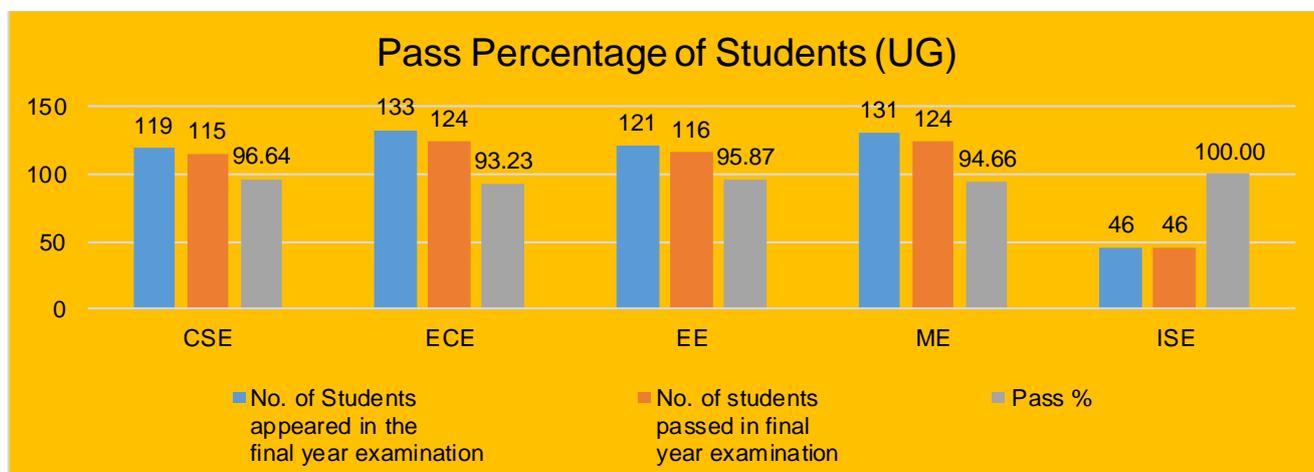
Research Centre Details

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

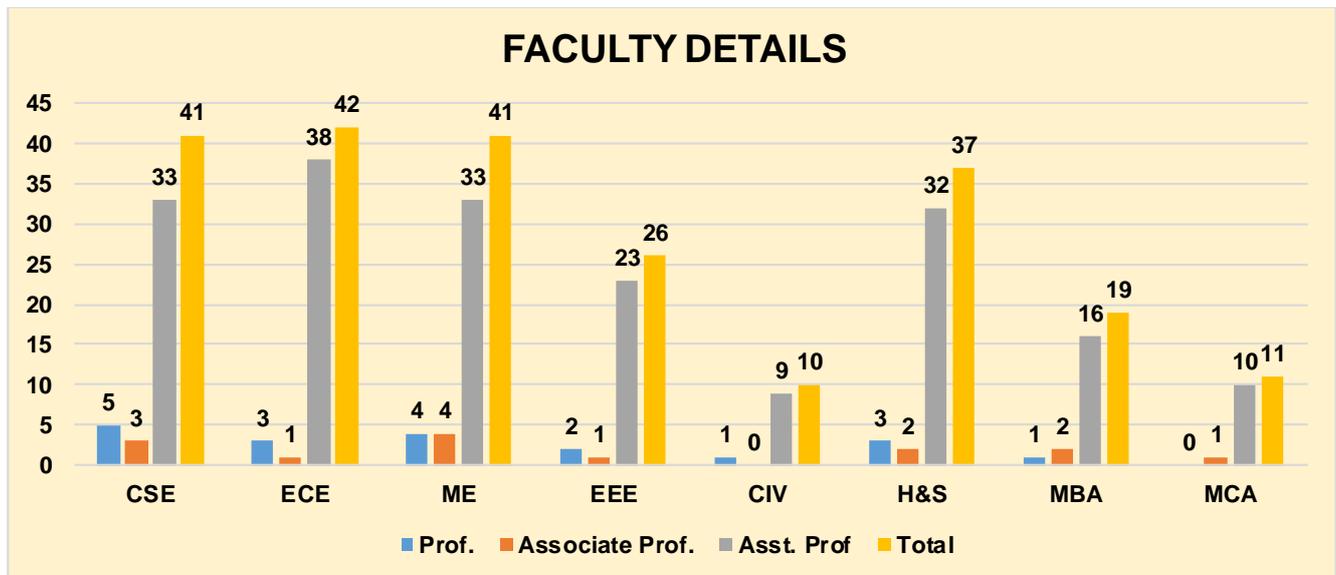
Pass Percentage of Students

Programme Code	Programme name	Programme Specialization	No. of students appeared in the final year examination	No. of students passed in final year examination	Pass %
BE	Engg.	CS	119	115	96.64
BE	Engg.	EC	133	124	93.23
BE	Engg.	EE	121	116	95.87
BE	Engg.	ME	131	124	94.66
BE	Engg.	ISE	46	46	100.00
M.Tech.	Engg.	CNE	9	6	66.67
M.Tech.	Engg.	CSE	23	11	47.83
M.Tech.	Engg.	Design	16	9	56.25
M.Tech.	Engg.	DE	22	13	59.09
M.Tech.	Engg.	VLSI	16	10	62.50
M.Tech.	Engg.	PE	7	5	71.43
MBA	Mgmt	MBA	101	78	77.23
MCA	MCA	MCA	26	25	96.15



FACULTY DETAILS

Dept.	Prof.	Associate Prof.	Asst. Prof	Total
Computer Science & Engg.	05	03	33	41
Electronics & Communication Engg.	03	01	38	42
Mechanical Engg.	04	04	33	41
Electrical & Electronics Engg.	02	01	23	26
Civil Engg.	01	-	09	10
Humanities & Sciences	03	02	32	37
MBA	01	02	16	19
MCA	-	01	10	11
Total	19	14	194	227



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.

** ** * ** * ** *

PARENTS MEET CSE - 02.11.2015



Workshop on “Project Development Methodology & Writing Technical Papers” 15/16.02.2016



** ** * ** * ** *

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.

** ** * ** * ** * **

ECE NATIONAL CONFERENCE ON ELECTRONICS & COMMUNICATION 28.08.2015



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 instill 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.

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KCTU – INAUGURATION - 19.09.2015



FDP ON ANALYSIS OF REAL TIME ENGINEERING PROBLEMS USING ANSYS
18-23, JAN. 2016



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.

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Department of Civil Engineering

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

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



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

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

to increase the employability of the students.

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

VISION:

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

MISSION:

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

Program Educational Objectives (PEO'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.

Engineer's Day - 15.09.2015



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 give 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.

A CONFERENCE ON "FUTURE OF MANAGEMENT" - 28.08.2015



2 days STATE LEVEL MANAGEMENT FEST (ABHIVRUDHI 2016) 11/12.03.2016



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.

MIS reports 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
- > Fee Due List.
- > Fee Payment List.

Certificate Courses:

<i>Name of the Certificate Course</i>	<i>Duration</i>	Number of Students completing the course in the year
Infosys Campus Connect Training	3 Months	137
Certificate of Completion on “ WIPRO Mission 10x”	3 Months	30

Value-added courses imparting transferable and life skills offered

Value added courses	Date of introduction	Number of students enrolled
Aptitude Training by IU Solutions.	13.07.2015	463
In-House Technical Training	27.07.2015	463
Wipro (MTLC)	02.07.2015	40
TechMahindra Specific Training & Mock Test	24.08.2015	210
MindTree Specific training & Mock Test	06.09.2015	163
Igate Company specific training	04.10.2015	240
Torry Harris Company Specific training	02.02.2016	75
J/Qspiders Training.	18.03.2016	130
Aptitude & Soft skills training by Bizotic talent Solutions	23.02.2016	110

ICT initiatives:

Number of teachers on roll	Number of teachers using ICT (LMS, e-Resources)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
227	227	YouTube Videos, Course era Simply learn, Google Class Room, Projectors, Simulation Softwares – Multisim, Xilinx, NI LabVIEW, MATLAB, Computer Systems, internet, wifi, laptop, Ms office, whiteboard, printer, photocopier, pen drive, scanners, e-books, e-journals.	33	12	E Journals (IEEE, T&F Online, Springer, Science Direct), NPTEL Lectures, Video Presentation in recent topics, MOOC, EDUSAT, KNIMBUS (E-library)

Honours and recognitions received by teachers

Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
Mr. Naseeruddin	Assistant Professor	IIT Bombay Proficiency award (Class A Winner in TBT-2016 through e-LSI under e-Yantra, IITB)
Mr. Manjunath G	Assistant Professor	
Mr. Prabhakar K	Assistant Professor	
Mr. William Thomas H M	Assistant Professor	
Dr Raghavendra Joshi	Professor	Innovative Technological Research & Dedicated Professor Award, Professional Awards & Honours, Kuala Lumpur, Malaysia.

Funds by Central/ State Government

Institution / Department/ Faculty	Scheme	Funding agency	Year of award	Duration	Amount
ME	R&D	KCTU, GOK & GOI	2014-15	In progress	108 Lakhs
ME	K-Fist L1	VGST, GOK, Bangalore	2015-16	In progress	20 Lakhs

Research funds:

Nature of the Project	Duration	Name of the funding Agency	Total grant sanctioned	Amount received during the Academic year
Major projects	2	VGST, GOK, KCTU, Bangalore	20	10

Workshops / Seminars:

Title of Workshop/Seminar	Name of the Dept.	Date(s)
Workshop on EMERGING TRENDS IN BASIC SCIENCE & TECHNOLOGY on 9th January 2016, Department of Chemistry, Ballari Institute of Technology & management, Ballari	Chemistry	09.01.2016
Three Days Workshop on Project Development Methodology & Technical Paper Writing	CSE	13.02.16 to 16.02.16
National Network Security Championship-2016 (Android)	CSE	26.02.16 to 01.03.16
Three Days National Level Workshop on "NS3 & Open Source ICT"	CSE	24.03.16 to 26.03.16
Two Days Workshop on PC Assembling & Networking	CSE	30.03.16 to 26.03.16

Guest Lecture on "Customer Accounts - Opening, Operation & Settlement".	MBA	19-09-2015
Guest Lecture on Recent Developments in Indian Capital Market Finance	MBA	19.09.2015
Guest Lecture on Systematic Investment Plan (SIP)	MBA	20.09.2015
Guest Lecture on Merchant Banking Services Financial Services	MBA	20.09.2015
Guest Lecture on Banker and Customer Relationships Banking	MBA	20.09.2015
Banking Technology - Innovative Products & services offered by banks	MBA	20.09.2015

Awards for Innovation:

Title of the innovation	Name of the Awardee	Awarding Agency	Year of Award	Category
VAYUPUTRA MOTOR SPORTS (GOKART)	Krishna Kubera G	BITM, BALLARI	28-07-2015	OPEN

Incubation centre:

Incubation Centre	Name	Sponsored by
BITM	Mr. Sai Krishna Kubera	BITM
BITM	Mr. Nakul Raj Reddy	BITM
Name of the Start-up	Nature of Start-up	Date of commencement
Immortal Motors Pvt. Ltd	Automobile	01.02.2016
Color Stonz Creative Studios LLP	Software & IT Solutions	02.07.2015

One Day workshop on "Emerging Trends in Basic Science & Technology" On 09.01.2016



SKILL INDIA – NSDC organized by JETKING 19.03.2016



FREE COACHING WORKSHOP with VIJAYA KARNATAKA - 26.04.2016



Collaborations

Nature of Activity	Participant	Source of financial support	Duration
Wipro Mission 10X Technology Learning Centre	30	BITM	365

Linkages with institutions/industries:

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration		Participant
			From	To	
On-Job Training	Infosys Campus Connect	Infosys Ltd.,	5.9.2015	15.9.2015	137
Internship	M.Tech. Internship	JSW Steels Ltd., BTPS, Software companies,	1.9.2015	30.11.2015	70
Internship	BE Internship	JSW Steels Ltd., BTPS	1.1.2016	3.2.2016	5
Internship	MBA Internships	Banking / Finance / Marketing and HR Industries	8.12.2015	17.02.2016	115

Research Publications:

	Departments	No. of Publication
National / International	CSE, ECE, ME, EEE, CIVIL, MBA, Mathematics, Physics, Chemistry	53

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

Department	No. of publication
CSE, ECE, ME, EEE, CIVIL, MBA, Mathematics, Physics, Chemistry	31

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

	Name of the author/s	Title of paper	Name of journal
1	Dr. R.V. Biradar	A Survey on Mobile-Agent Middleware Design Principals and Itinerary Planning Algorithms	IEEE
2	Dr. R V Biradar	A Survey on Middleware Challenges and Approaches for Wireless Sensor Networks	IEEE
3	Dr. R V Biradar	Scheduling Techniques for TinyOS : A Review	IEEE
4	Mr. T M Hayath	Cloud-F-An Online Portal for Academicians	IJESC
5	Mr. Usman K	A Survey on Resource Constrained devices Enabling Proof of Multiple Cloud using Auditing Process	IJIRCCE
6	Mr. Sudhakar Avareddy	A Survey on HEED and sHEED for WSN to increase the Lifetime of a Network	IJIRCCE
7	Mr. Sridhar S K	Privecy Presevring Auditing on shopping mall Data Centre	IJIRCCE
8	Mr. Dadapeer	A Survey on Security of NoSQL Databases	IJIRCCE
9	Prof. Anita Patil	Scheduling Techniques for TinyOS : A Review	IEEE
10	Mr. Dadapeer	A Survey on Robust Security Mechanism for NoSQL Databases	IJIRCCE
11	A Venkateshwar	Indentification,Diagnosis of Error in Sporadic Operation on Cloud Application	IJIRCCE
12	Suresh	synthesis , characterization and antimicrobial Cu(II), Co(II), Ni(II), Zn(II), Cd(II) and Hg(II) complexes with biologically active benzo thiazole schiff basis.	International journal of pharmacy and life science
13	Pralahad Mahagaonkar	Some Generalized Results on $G\delta$ - diagonal Regular Spaces	International Journal of Mathematics And its Applications
14	Syed Mohiuddin	Combined effect of variable viscosity and thermal conductivity on mixed convection flow of a viscous fluid in a vertical channel	European Journal of Mechanics - B/Fluids

		in the presence of first order chemical reaction	
15	Machappa. T	Studies on LPG Sensing Property of Polyaniline / BaZrO ₃ Composites	Materials Today: Proceedings 3- Elsevier
16	Machappa. T	AC conductivity and dielectric behaviour of polyaniline/magnesium chromate composites (PANI/MgCrO ₄)	International Journal of Science, Technology & Management- Science India publication, New Delhi
17	B.Vijayakumar	Electrical Conduction in Borophosphate Glasses Doped with CoO and Li ₂ O	Research Journal of Material Sciences- International science congress association
18	Sunil Kumar. A	AC conductivity and dielectric behaviour of polyaniline/magnesium chromate composites (PANI/MgCrO ₄)	International Journal of Science, Technology & Management- Science India publication, New Delhi
19	Mahesh Sajjan	A Study on Fiber Reinforced High Performance Concrete Using Multiple Mineral Admixtures.	Published in IJRET journal, Volume 4, Issue 10, October 2015.
20	Mahesh Sajjan	Experimental Investigation on Strength Characteristics of Composite Fiber High Performance Concrete with Combination of Three Mineral Admixtures.	Published in IRJET journal, Volume 3, Issue 8, August 2016.
21	Naseeruddin	Design and Implementation of Wireless Water Level Management System Using Zigbee Technology	IJRSET
22	Mrs. Shilpa	An Adaptive Segmentation based approach for Image Forgery Detection using Efficient Feature Matching	IRJET
23	Abdul Khadar A	P-Q Theory Based Modified Control Algorithm For Load compensating Using DSTATCOM	IJSETR
24	Abdul Khadar A	Implementation and Design of Cascaded H-Bridge Multilevel Inverter Based DSTATCOM Using Level Shifted Technique	IJSETR
25	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	IJIERT
26	shantala H	Implementation of Multivariable Self Tuning Temperature Controller and LIW Feeder for an Extruder Machine	IRJET
27	BS Khened,	Studies on LPG sensing property of polyaniline/BaZrO ₃ composites	Materials today proceedings
28	Raghavendra P and D N Gaonkar	Online voltage estimation and control for smart distribution networks	<i>Journal of Modern Power Systems and Clean Energy (MPCE)</i>
29	Dr. Yadavalli Basavaraj	"Vibration Based Condition Monitoring for Generator"	International Journal of Research in Engineering & Technology (IMPACT: IJRET), Volume 4, Issue 6 June 2016. ISSN(P):2347-

			4599;ISSN(E):2321-8843 Available @ WWW.impactjournals.us
30	Dr. Yadavalli Basavaraj,	"Finite Element Analysis of Engine Mounting Bracket by Considering Pretension Effect and Service Load"	International Journal of Research in Engineering and Technology (IJRET), eISSN: 2319-7308, pISSN: 2321 -7308 , Volume 4, Issue 9 September 2015.Available @ http://WWW.ijret.org .
31	Raghavendra K	"Structural Analysis of Bicycle structure and Improvement Analysis Using Analytical And FEA"	International Journal of Research in Applied Science and Engineering Technology. Vol. 4, Issue 6, June 2016
32	Raghavendra K, Mohammed Fouzan K	"Optimization study on trailer arm chassis by FEM"	International Journal of Research in Engineering and Technology. Vol.4 Issue 9
33	Pradeep C, Raghavendra K,	"Performance evaluation of automobile crankshaft"	International Journal of Research in Applied Science and Engineering Technology. Vol. 3, Issue 10
34	Dr. Yadavalli Basavaraj,	"Analysis of Wear Behaviour of Dual Phase Steel Using Taguchi Method "	International Journal of Engineering Research and Reviews. Vol3, Issue3, September 2015
35	Dr. Yadavalli Basavaraj,	"Effect of T6 Heat Treatment on dry Sliding Wear Behavior of LM6/SiCp using Taguchi and ANOVA"	International Journal of Engineering Research and General Science Reviews. Vol4, Issue2, March 2016
36	Pawan Kumar B K, Mallikarjun G	"Effect of T6 Heat Treatment on dry Sliding Wear Behavior of LM6/SiCp using Taguchi and ANOVA"	International Journal of Engineering Research and General Science Reviews. Vol4, Issue2, March 2016
37	Dr. Yadavalli Basavaraj,	"Execution of Fatigue Life under Various Loading Condition on Fuselage Structure"	International Journal of Engineering Research in Information Technology. Vol3, Issue8, Aug 2015
38	Pawan Kumar B K, Avinash Ainapur	"Execution of Fatigue Life under Various Loading Condition on Fuselage Structure"	International Journal of Engineering Research in Information Technology. Vol3, Issue8, Aug 2015
39	Dr. Yadavalli Basavaraj,	"Finite Element Analysis of Engine Mounting Bracket by Considering Pretension Effect and Service Load"	International Journal of Research in Engineering & Technology. Vol4, Issue9, Sep 2015
40	Dr.Raghavendra Joshi, Ambarish	"Design Sensitivity Analysis of a Rubber Bushing Model for a Commercial Vehicle"	International Journal of Research in Information & Technology. Vol3, Issue8, Aug 2015

41	Md. Fayaz K	"Design and analysis of automated spray gun for RH vessel",	International Journal of Research in Engineering & Technology, Vol.4, Issue 12, Dec 2015
42	Rajashekar Kuntanahal	"Experimental Investigation of Steel Tube Reinforced Composite L-joint and T-joints"	International Journal for Ignited MINDS, Volume-02, Issue-10, Oct-2015
43	Gavisiddesh P., Dr. P P Revanakar	"Evaluation of thermal performance of paraboloid concentrator Solar cooker"	International Journal of Innovative Research in Technology Vol.5, Issue 8, ISSN:2321-1156
44	Mohammed Javed Kalburgi	Assessment of the Human Resource Development Practices in the Public & Private Sector Energy Firms of Hyderabad-Karnataka Region	International Journal of Business and Administration Research Review
45	Mohammed Javed Kalburgi	A Study of Organizational performance related to employee attitude in construction engineering companies in Chennai	International Multidisciplinary E-Journal
46	Janet Jyothi Dsouza and Mallikarjunappa T	Do the Stock Market Indices Follow Random Walk?	Asia-Pacific Journal of Management Research and Innovation
47	Janet Jyothi Dsouza and Mallikarjunappa T	Does the Indian Stock Market Exhibit Random Walk?	Paradigm
48	Janet Jyothi Dsouza and Mallikarjunappa T	A Study of Quarterly Earnings Announcement and Stock Price Reactions	The IUP Journal of Applied Finance
49	A.Mahesh & Dr.G.P Dinesh	Synergistic Effect of Integrated Marketing Communications along with PPP Model on Blood Supply at the Blood Banks – an Empirical Outlook	International Journal of Research in Economics and Social Sciences
50	Mr.Christopher Raj/ Dr. Poornima.Y	The Impact of Reality Shows of Television on the Youth of Ballari	International Journal of Business and administration Research Review
51	Shankare Gouda	MEASURING VOLATILITY IN BANKING STOCKS LISTED ON NATIONAL STOCK EXCHANGE – A STUDY	International Journal of Business and Administration Research Review,
52	Shankare Gouda	WORKING CAPITAL MANAGEMENT: AN ANALYSIS OF LIQUIDITY VERSUS PROFITABILITY – A STUDY ON KIRLOSKAR FERROUS INDUSTRIES LIMITED, KOPPAL	International Journal of Management And Social Science Research Review (IJMSRR) peer reviewed and referred journal
53	Ravi Kumar J S	Growth and challenges of retail industry in India: An analysis"	International Multidisciplinary E-Journal,

Papers published in national/ international conference proceedings per teacher

Sl. No	Name of the teacher	Title of the paper	National / International	Name of the publisher
1	Raghavendra P	Voltage estimation in smart distribution networks with multiple DG systems	INTERNATIONAL	IEEE
2	Sharana Reddy and Banakara Basavaraja	Simulation and Analysis of Common Mode Voltage, Bearing Voltage and Bearing Current in Two-Level and Three-Level PWM Inverter Fed Induction Motor Drive with Long Cable	INTERNATIONAL	IEEE
3	Raghavendra P	online voltage estimation and control of voltage profile in smart distribution network	NATIONAL	IEEE
4	Sharana Reddy and Basavaraja Banakara	Experimental Implementation of Conducting Grease Technique to Reduce Bearing Voltage in a PWM Inverter Fed Induction Motor Drive	INTERNATIONAL	ELSEVIER
5	Naseeruddin	An embedded system based low cost autonomous vehicle for navigation and obstacle detection	International	IRF Forum
6	Dr V C Patil	A survey on mobile-agent middleware design principals and itinerary planning algorithms	International	IEEE Digital Library
7	Mr.William Thomas	Detection of a brain tumor using segmentation and morphological operators from MRI scan with FPGA	International	IEEE Digital Library
8	Dr V C Patil	Data Aggregation Methodology for Precision Agriculture	National	IJCA
9	Dr.Rohitha UM	Microcontroller based Hand Gesture Recognition System using Flex Sensor for Disabled People	National	IJCA
10	Naseeruddin	Implementation and comparative analysis of multipliers on Spartan 6 FPGA	International	Brahamadedada mane Institute of Technology ,Solapur
11	Mr.Manjunath G	Implementation of Optimum Compression Algorithm for Image and Text Data Transmission using DWT	National	IJCA
12	Dr V C Patil	Elimination of energy and communication tradeoff to resist wormhole attack in MANET	International	IEEE Digital Library
13	Dr. V.C.Patil	A Survey on Middleware Challenges and Approaches for Wireless Sensor Networks	International	IEEE Digital Library
14	Dr. U Eranna	Research Analysis of a Correlator	International	IEEE Digital Library
15	Dr. K.M.Sadyojatha	An Efficient and High Performance Feature Extraction Approach to Face Recognition Using MonoGenic Binary coding	International	IRF Forum

16	Mr. Ulaganathan J	Analysis of various Full –Adder Circuits in Cadence	International	IEEE Digital Library
17	Mr. Abdul Lateef Haroon	Research Analysis of a Correlator	International	IEEE Digital Library
18	Pavan Kumar.B.K,	“Condition based Maintenance to enhance Production”,	National	Madanapalle Institute of Technology & Science, Madanapalle
19	Dr. Yadavalli Basavaraj	Wear Behavior of A16061 - Sic Composites	National	Madanapalle Institute of Technology & Science, Madanapalle
20	Dr.V V Ramana,	"Wear Behavior of A16061 - Sic Composites	National	Madanapalle Institute of Technology & Science, Madanapalle
21	ShivaramaKrishna	"Wear Behavior of A16061 - Sic Composites	National	Madanapalle Institute of Technology & Science, Madanapalle
22	Dr. Yadavalli Basavaraj	“Condition based Maintenance to enhance Production”,	National	Madanapalle Institute of Technology & Science, Madanapalle
23	Dr.V V Ramana,	A Review on effect of friction stir welding process parameters on mechanical properties	National	Madanapalle Institute of Technology & Science, Madanapalle
24	H M AnilKumar	Experimental Investigation of Mechanical properties & morphological studies on friction stir welding Aluminum 2024 alloy	International	Elsevier
25	H M AnilKumar	A Review on effect of friction stir welding process parameters on mechanical properties	National	Madanapalle Institute of Technology and science, Madanapalle
26	G Raghavendra Setty	Modeling and Dynamic analysis of gear box casing using Finite Element Analysis	International	International journal of Innovative Research in Science, Engineering & Technology
27	Dr V V Ramana	Comparison of overall heat transfer coefficient of a nano fluid with water in Heat Exchanger	International	International Journal of Science & Engineering
28	Dr V V Ramana	Experimental Investigation of Mechanical properties &	International	Elsevier

		morphological studies on friction stir welding Aluminum 2024 alloy		
29	K C Venkatesh	Mechanical & wear behaviour of Al6061-SIC-GR hybrid composites	National	International Journal of Engineering Trends & Technology
30	Jayprakash	Comparison of overall heat transfer coefficient of a nano fluid with water in Heat Exchanger	International	International Journal of Science & Engineering
31	B Vishnu Prasad	Comparison of overall heat transfer coefficient of a nano fluid with water in Heat Exchanger	International	International Journal of Science & Engineering

Faculty provided with financial support to attend conferences/workshops and towards membership fee of professional bodies: 68

Professional development /administrative training programs organized by the institution for teaching and non-teaching staff: 06

No. of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP) (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.): 53

Procedure for Infrastructure Management and Administration Process:

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

- I. Infrastructure Maintenance
- II. General Administration

INFRASTRUCTURE MAINTENANCE

PURPOSE

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

PROCESS FLOW

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

Resources / enablers > Preventive maintenance activities and actions

Output > Availability of facilities

PROCESS**Planning**

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

Maintenance of Electricity

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

Planned Maintenance:

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

Breakdown Maintenance:

- a) Breakdown maintenance is maintained for registering breakdown and complaints.
- b) Records/Documents/Files related to Electricity breakdown shall be maintained separately by Electrical Maintenance Department using the same form.

- c) Priorities are given based on the area of activity and importance.
- d) After attending to breakdowns the entries are closed with corrections and solutions provided and confirmations are recorded.
- e) Incident Reports giving details of occurred incidents and action taken for future use is maintained.

Maintenance of Water Supply:

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

Maintenance of Medical Facilities:

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

Maintenance of Buildings

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

Housekeeping

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

Reviewing the Plans

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

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

Name of the capability enhancement program	Date of Implementation	Name of Agencies or Consultants involved with Contact Details(If any)
International Yoga Day	21-06-2016	BITM-NSS
Microsoft Azure Workshop	18 February 2016	Mr.Mathan Kumar, Technical Evangelist, Azure & IOT Platform
Soft Skills Training & Development Program	17-02-2016	Bizotic Talent Solutions
Soft Skills Training & Development Program	15-02-2016	Innovation Unlimited Solutions
Soft Skills Training & Development Program	13-07-2015	Innovation Unlimited Solutions
Communication Skills	13 July 2015	Innovation Unlimited Solutions
Soft Skills Training & Development Program(CSE,ISE,ME)	08 February 2016	Bizotic Talent Solutions
Soft Skills Training & Development Program(ECE,EEE)	08 February 2016	Innovation Unlimited Solutions
Communication Skills(CSE,ISE,ME)	08 February 2016	Bizotic Talent Solutions
Communication Skills(ECE,EEE)	08 February 2016	Innovation Unlimited Solutions
Infosys Campus Connect	29 January 2016	BITM Faculty
Wipro Mission 10X	03 July 2015	BITM Faculty

PARTICIPATED IN INTERNATIONAL YOGA DAY 21.06.2015



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

Name of the scheme	Number of Participating students by Guidance for Competitive examination	Number of participating students by Career Counselling activities
Building a Career in Physics	--	112
Path to Successful Software Engineer	--	343
Industry Expectations from young Engineers	--	320
Preparation for Competitive Exams	480	0

Quality improvement strategies:

Curriculum Development:

Identification of Curriculum gaps and specific courses taught to fulfil the same. Design based experiments and additional labs are conducted beyond the syllabus.

Teaching and Learning:

Outcome based education is practiced across the institution with real emphasis on student centric learning by catering to the different learning styles of the students.

Examination and Evaluation:

Internal examinations are conducted on the basis of external exams, rules and regulations such as issuing of hall tickets for IA tests, intimation of attendance and IA marks to the parents via SMS. Evaluation is completed within a week and their IA books is given to the students for verification and self-evaluation. The answer key is well debated with the students.

Research and Development:

Departments are continuously applying for Research and Development projects through VGST and KCTU. Staff and Students are sponsored from institution for paper publications and presentations. Faculty pursuing Ph.D., have given contingency amount and support for the research work.

Library, ICT and Physical Infrastructure / Instrumentation:

State of the Art Library with E Journals and Digital E Learning facilities are augmented for self-learning. The college has high speed internet connectivity for access to educational contents. Firewall is augmented for secure and safe access. In our institution 960 and more computers are available for all the Staff and Students.

Human Resource Management:

Objective base appraisal is carried out in a very systematic manner taking into account related to academics, research, personal development and leadership aspects.

Industry Interaction / Collaboration:

College has setup BIRED cell with its office located in Bangalore for industry institute interaction and collaboration.

Admission of Students:

Management provided scholarship for poor and meritorious students in management quota. Career counselling was carried out to the students of Ballari and scope and opportunities in Engineering was highlighted.

Implementation of e-governance in areas of operations:**Planning and Development:**

Proper Budgeting is carried at the beginning of the financial year and the same data and information is maintained on electronic platform. The expenditures are constantly verified against the budget for effective utilisation. Development activities are carried out based on the budget.

Administration:

Eduwize ERP Software is used for overall administration and monitoring.

Finance and Accounts:

Tally Accounting Software is used for all the accounting purpose. Financial aspects are closely monitored through e-banking facility and all the financial transactions are carried out through digital payments such as NEFT RTGS, PayTM, PhonePe, BHIM, POS Machines and etc.

Student Admission and Support:

RoboVidya by RoboSoft Software used to manage the Students information for Admission, Fee payment, communication, transport maintenance and Hostel.

Examination:

IA performance and their attendance is communicated through SMS by SMS Gateway software. Student update their profiles in the VTU examination Portal every year. Students after applying for examinations their hall tickets are automatically generated for semester end examinations and the results are also announced on online in VTU portal.

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
Dr. Rohitha U M	Winter school on scientific computing using open source software for signal, image processing and soft computing applications.	MSRIT Bengaluru
Mr. Prabhakar. K	Winter school on scientific computing using open source software for signal, image processing and soft computing applications.	MSRIT Bengaluru
Mr. Hemantha Kumar R	Winter school on scientific computing using open source software for signal, image processing and soft computing applications.	MSRIT Bengaluru
Mr. H. Shivabasavaraj	Winter school on scientific computing using open source software for signal, image processing and soft computing applications.	MSRIT Bengaluru
Mrs. Shilpa K.R	Workshop on Basic Electronics	Sambhram Institute of technology Bangalore
Ms. Koushalya.S	Workshop on Basic Electronics	Sambhram Institute of technology Bangalore
Ms. Sowbhagya	Workshop on Basic Electronics	Sambhram Institute of technology Bangalore
Mr. Abdul Lateef Haroon	IEEE International conference on emerging research in electronics, computer science and technology ICERECT 2015	PES College of Engineering Mandya
Mr. Pramod Mutalik	Workshop on Research Methodology	BLDEA,S Dr PGH College of Engineering , Vijayapura
Mr. Naseeruddin	Workshop on Wipro Mission 10X	Bangalore

Mr. Mallikarjuna. A	Workshop on Research Methodology	BLDEA,S Dr PGH College of Engineering , Vijayapura
Mr. Prabhakar. K	Workshop on Advanced Comprehensive learning using MATLAB & Simulink	RYMEC Ballari
Mr. William Thomas H.M	Workshop on Basic Electronics	Sambhram Institute of technology Bangalore
Mr. William Thomas H.M	IEEE International conference on computational intelligence & computing research	Madurai
Mr. William Thomas H.M	Workshop on "Advanced Comprehensive learning using MATLAB & Simulink"	RYMEC Ballari
Mr. William Thomas H.M	International conference on applied & theoretical computing and communication technology	BIT, Davanagere
Dr. RN Kulkarni	Workshop on Plagiarism	VTU, Mysore
Mr. Girish Kumar	Workshop on Plagiarism	VTU, Mysore
Dr. R N Kulkarni	Workshop on IBM Cloud Computing	VTU, Belagavi
Dr. RV Biradar	Workshop on IUCEE - Project Management Course	Online Session, Boston University, USA
Mr. Phani Ram Prasad	Workshop on Software Engineering	NIT, Warangal
Mr. CK Sreenivas	Workshop on Software Engineering	NIT, Warangal
Mr. Sridhar SK	Workshop on Real Time Wireless Sensor Networks and IoT	GSSSIET, Mysore
Ms. Pooja Kulkarni	Workshop on Real Time Wireless Sensor Networks and IoT	GSSSIET, Mysore
Ms. Nirmala G	Workshop on Real Time Wireless Sensor Networks and IoT	GSSSIET, Mysore
Ms. Akshata	Workshop on Real Time Wireless Sensor Networks and IoT	GSSSIET, Mysore
Dr. RN Kulkarni	Journal's Editorial Roundtable organized by Taylor & Francis	Bengaluru
Mr. Venkateshwar A	NS3 & OSICT	BITM, Ballari
Mr. RM Jagadish	NS3 & OSICT	BITM, Ballari
Mr. Sudhakar A	NS3 & OSICT	BITM, Ballari
Mrs. Anitha Patil	NS3 & OSICT	BITM, Ballari
Mr. Hari Krishna	NS3 & OSICT	BITM, Ballari
Mr. Kiran M	NS3 & OSICT	BITM, Ballari
Mr. T R M Rahman	NS3 & OSICT	BITM, Ballari
Mr. Md. Shafiulla	NS3 & OSICT	BITM, Ballari
Mr. Azhar Baig	NS3 & OSICT	BITM, Ballari
Mr. Naveen G	NS3 & OSICT	BITM, Ballari

Ms. Akshatha	NS3 & OSICT	BITM, Ballari
Ms. Vidya M	NS3 & OSICT	BITM, Ballari
Ms. Nirmala G	NS3 & OSICT	BITM, Ballari
Ms. Pooja K	NS3 & OSICT	BITM, Ballari
Mr. Sridhar S K	Workshop on Big Data Analysis	NITK, Surathkal
Mr. Usman K	Workshop on Big Data Analysis	NITK, Surathkal
Mr. Dadapeer	Workshop on Big Data Analysis	NITK, Surathkal
Mr. Naveen G	Workshop on Big Data Analysis	NITK, Surathkal
Mr. Sridhar SK	Workshop on Python Programming and Database Concepts	Jain University, Bengaluru
Dr. Yadavalli Basavaraj	Third International Conference on Transformations in Engineering Education ICTIEE 2016, Pune	College of Engineering, Pune
Mr. Banakara Nagaraj	workshop on "Research Methodologies & Latex"	VTU, Belagavi
Mr. Manjunatha T H	Workshop on "Research Methodologies & Latex"	VTU, Belagavi
Mr. Pavan Kumar B. K	3rd National Conference on "Innovations in Mechanical Engineering" NCIME 15	Madanapalle Institute of Technology & Science, Madanapalle
Mr. Shiva Ramakrishna A	Workshop on "Research Methodologies & Latex"	VTU, Belagavi
Mr. Pooviarasan	Workshop on Automotive Development	HKBK College of Engineering, Bangalore
Mr. Firoz khan	Workshop At Vemana institute of Technology Bengaluru	Vemana Institute of Technology, Bangalore
Abdul Khadar	International symposium Advances in Power Distribution Engineering, Distributed generation, micro grid and renewable integration	NIE, Mysuru
Abdul Khadar	Workshop on Research methodologies and latex	BLDE, Vijayapura
Md Anwar	2nd National Conference on Recent innovations in Engineering & Technology	BKIT, Bhalki
Kamal Kishore	TEQIP-II sponsored 3rd National conference on emerging technologies in electrical and electronics engineering	Vishnu College of Engineering, Bhimavaram, AP
Santosh B M	International conference Communication Control Instrumentation and computational technologies IC3 ICT 2015	R L Jalappa Institute of Technology, Doddaballapur
Dr. Janet Jyothi Dsouza	13th AIMS International Conference On Management	IIM, Bengaluru
Vindhya.R	Two Days workshop on "PLAGIARISM" on March 4th & 5th 2016, at CMR Institute of Technology, Bengaluru	CMR Institute of Technology, Bengaluru.
Mr.H.M Anil ikumar	Innovations in Mechanical Engineering NCIME15	Madanpalle Institute of Technology and Science

Dinesh K	FDP on Derivatives	National Institute of Securities Market NISM-Kristu Jayanti School of Management, Bangalore
Mr. Hemantha Kumar	International Paper Presentation Information and communication technology NCICT-2016 on "Issues of gray level image segmentation using region growing segmentation"	Basavakalyan Engineering College, Basavakalyana
Mr. Hemantha Kumar	International Publication International journal of advancement in Engineering Technology, Management and applied Science - "Identification of color based texture features of agricultural and non-agricultural area using wavelets in satellite image"	Basavakalyan Engineering College, Basavakalyana
Annapurna T	Workshop: Research Methodology	CITE, Bangalore
Dr. Pralahad Mahagaonkar	Conference : International Conference on Mathematical Modelling	Don Bosco Engineering College ,Bangalore
Hari Krishna	Foundation Program 4.0	BVB Hubli
Azhar Baig M	Foundation Program 4.0	BVB Hubli

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)
RAJASHREE V B	Short term course on IUCEE Project Management Course	01-10-2015 to 01-01-2016
C K SRINIVAS	FDP on Software Engineering	28-12-2016 to 08-01-2016
P PHANIRAMPRASAD	FDP on Software Engineering	28-12-2016 to 08-01-2016
SRIDHAR S K	FDP on Python Programming and Database Concepts	20-06-2016 to 25-06-2016
V RAVI	Application of computational Fluid dynamics in Chemical and Mechanical Engineering	27-06-2016 to 02-07-2016
MANJUNATH T H	Short term training programme on Computer aided engineering analysis	04-01-2016 to 08-01-2016
VIJAYKUMAR BP	Short term training programme on Computer aided engineering analysis	04-01-2016 to 08-01-2016
MANJUNATH E	Short term training programme on Computer aided engineering analysis	04-01-2016 to 08-01-2016
RAVI G	Short term training programme on Computer aided engineering analysis	04-01-2016 to 08-01-2016
PAVAN KUMAR BK	FDP on Design aspects of fatigue and fracture in structures	18-01-2016 to 23-01-2016

SHIVAKUMAR M	FDP on Design aspects of fatigue and fracture in structures	18-01-2016 to 23-01-2016
MAHARAJA GOWDA	FDP on Design aspects of fatigue and fracture in structures	18-01-2016 to 23-01-2016
A SHIVARAMAKRISHNA	FDP on Design aspects of fatigue and fracture in structures	18-01-2016 to 23-01-2016
GAVISIDDESHA S P	FDP on Computerized Heat Mass Transfer Laboratory	14-12-2015 to 18-12-2015
ABDUL KHADER	FDP on Computer aided electrical drawing and control system	21-01-2016 to 26-01-2016
ARATHI PB	FDP on Computer aided electrical drawing and control system	21-01-2016 to 26-01-2016
CHANDAN K R	FDP on Computer aided electrical drawing and control system	21-01-2016 to 26-01-2016
FARZANA BEGUM	FDP on Computer aided electrical drawing and control system	21-01-2016 to 26-01-2016
GEETHANJALI	FDP on Computer aided electrical drawing and control system	21-01-2016 to 26-01-2016
K NARASIMALU	FDP on Computer aided electrical drawing and control system	21-01-2016 to 26-01-2016
KAUSHALAYA	FDP on Computer aided electrical drawing and control system	21-01-2016 to 26-01-2016
MD ANWAR	FDP on Computer aided electrical drawing and control system	21-01-2016 to 26-01-2016
MD GAFFUR	FDP on Computer aided electrical drawing and control system	21-01-2016 to 26-01-2016
PARAVATHI	FDP on Computer aided electrical drawing and control system	21-01-2016 to 26-01-2016
POORNIMA	FDP on Computer aided electrical drawing and control system	21-01-2016 to 26-01-2016
B S KHENED	FDP on Computer aided electrical drawing and control system	21-01-2016 to 26-01-2016
SAGAR T V	FDP on Computer aided electrical drawing and control system	21-01-2016 to 26-01-2016
SANTOSHA B M	FDP on Computer aided electrical drawing and control system	21-01-2016 to 26-01-2016
SARALA P	FDP on Computer aided electrical drawing and control system	21-01-2016 to 26-01-2016
SHARAN REDDY	FDP on Computer aided electrical drawing and control system	21-01-2016 to 26-01-2016
SRIDHAR S M	FDP on Computer aided electrical drawing and control system	21-01-2016 to 26-01-2016
SUDHARANI J	FDP on Computer aided electrical drawing and control system	21-01-2016 to 26-01-2016
SUJATHA D	FDP on Computer aided electrical drawing and control system	21-01-2016 to 26-01-2016
VIJAYAKRISHNA M	FDP on Computer aided electrical drawing and control system	21-01-2016 to 26-01-2016
WILLIAM THOMOS	FDP on Computer aided electrical drawing and control system	21-01-2016 to 26-01-2016
Y KAMAL KISHORE	FDP on Computer aided electrical drawing and control system	21-01-2016 to 26-01-2016
ABDUL LATEEF	Workshop on Use of SCILAB and other Open Source Resource for Engineering Application	07-12-2015 to 11-12-2015
RANJIT PYATI	Workshop on Use of SCILAB and other Open Source Resource for Engineering Application	07-12-2015 to 11-12-2015

AMARAPPA	Workshop on Use of SCILAB and other Open Source Resource for Engineering Application	07-12-2015 to 11-12-2015
SOUBHAGYA	FDP on ADVANCED VLSI DESIGN USING CADENCE TOOL	27-01-2016 to 01-02-2016
BHARATHI G	FDP on ADVANCED VLSI DESIGN USING CADENCE TOOL	27-01-2016 to 01-02-2016
HEMANTH KUMAR R K	FDP on ADVANCED VLSI DESIGN USING CADENCE TOOL	27-01-2016 to 01-02-2016
KOUSHALAYA	FDP on ADVANCED VLSI DESIGN USING CADENCE TOOL	27-01-2016 to 01-02-2016
MANJUNATH G	FDP on ADVANCED VLSI DESIGN USING CADENCE TOOL	27-01-2016 to 01-02-2016
PRAMOD MUTALIK	FDP on ADVANCED VLSI DESIGN USING CADENCE TOOL	27-01-2016 to 01-02-2016
SHILPA KR	FDP on ADVANCED VLSI DESIGN USING CADENCE TOOL	27-01-2016 to 01-02-2016
ULAGANATAHAN	FDP on ADVANCED VLSI DESIGN USING CADENCE TOOL	27-01-2016 to 01-02-2016
VISHNUKANTH K	FDP on ADVANCED VLSI DESIGN USING CADENCE TOOL	27-01-2016 to 01-02-2016
MANJULA R	Short term course on Intercultural Communication in Global Virtual Environments	16-05-2016 to 20-05-2016
G RAGHAVENDRA SETTY	FDP on Analysis of real time engg problem using ANSYS	18-01-2016 to 23-01-2016
SANTOSH R D	Short Term Course on Renewable source for sustainable development	14-12-2015 to 18-12-2015
SANTOSH J	Short Term Course on Renewable source for sustainable development	14-12-2015 to 18-12-2015
RAVI KUMAR JS	orientation program on "Research Methodology and Intellectual Property Rights"	13-06-2016 to 25-06-2016

Welfare Schemes:

Teaching: PF, Group Gratuity, ESI, CL 15 days pa, EL 30 days non-vacation, 10 days vacation staff, Group Gratuity Scheme, Accidental Insurance, Transport, for Ph.D., Research Contingency, WS Conferences, value added training programmes, Salary Advance facility.

Non-teaching: PF, Group gratuity, ESI, CL 15 days pa, Group Gratuity Scheme, Accidental Insurance, Transport Facility, Salary Advance facility.

Students: Accidental Insurance Scheme, Deputing students to Workshops, Conferences, Value Added Training Programmes, in House training Programs, Sports, NSS, Tech Fest, Youth fest activities, Transport facility for Industry Tours, Off Campus interviews, etc. Awareness Regarding Govt. facilities Scholarship, Loan to minorities, etc. Career Guidance to improve the student's employability.

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

> The management arranges for a parent teachers meet once in a semester during a weekend. The parents are invited by faculty of all the departments.

- > Student s academic performance, university results, attendance and other related issues are discussed.
- > At the inaugural function of UG and PG, the parents are invited and academic expectations are informed to the parents.
- > The parents are informed with respect to rules and regulations, scholarships, value added courses provided by the institution from time to time.
- > Parents are part of IQAC and Grievance Cells.

Development programmes for support staff (at least three)

For the supportive staff at college level Training programmes are organized periodically.

- > *Orientation programme*
- > *Computer and skill-based training*
- > *Improvement programme*

Quality Initiatives undertaken

Quality initiative	Name of the programs
Conferences, Seminars, Workshops on quality conducted	1. One Day workshop on Flexible Manufacturing System 2. Graphical system design using Labview 3. Two Days workshops on Advanced Technologies in Automotives for 8th Semester students 4. Career Guidance program for Mechanical students by Mr. Swaroop, Jr. Manager, JSW, Toranagallu 5. Cadence Tools on CIC/ASIC Flow
Academic Administrative Audit (AAA) and initiation of follow up action	One Academic Administrative Audit was carried out successful and all the NCs were closed.
Participation in NIRF along with Status.	Institution participated in the NIRF for Engineering, Management and Overall ranking. The shortcomings were noted.
ISO Certification. and nature and validity period	Two - ISO audits were successfully carried out.
Orientation programme on quality issues for teachers and students organised by the institution, Date (From-To) (DD-MM-YYYY)	1. Workshop: Emerging Trends in Basic Science and Technology 09/01/2016 09/01/2016 2. 6 Days FDP on Analysis of Real Time Engineering Problems using ANSYS Software 18/01/2016 23/01/2016 3. Computer aided electrical drawing and control systems 21/01/2016 26/01/2016 4. Project Development Methodology Technical Paper Writing 13/02/2016 16/02/2016 5. NS3 OSICT 24/02/2016 26/02/2016 6. Workshop on Advanced VLSI Design using Cadence Tool Suit 27/06/2016 27/06/2016

Name of quality initiative by IQAC	Date of conducting activity	Duration		Number of participants
		From	To	
One Day workshop on Flexible Manufacturing System	19.10.2015	19.10.2015	19.10.2015	60
Graphical system design using Labview	27.10.2015	27.10.2015	27.10.2015	60
Two Days workshops on Advanced Technologies in Automotives for 8 th Semester students	06.05.2016	06.05.2016	07.05.2016	50
Career Guidance program for Mechanical students by Mr. Swaroop, Jr. Manager, JSW, Toranagallu	16.05.2016	16.05.2016	16.05.2016	110
Cadence Tools on CIC/ASIC Flow	27.01.2016	27.01.2016	27.01.2016	60

Promotion of Universal Values and Ethics:

Activity	Duration from	Duration to	Number of participants
Induction Program for First year B.E. Students	07.08.2015	08.08.2015	790
Introduction to General Aptitude	09.08.2015	09.08.2015	790
Lecture by HOD on Honesty, Integrity and Patriotism	10.08.2015	10.08.2015	790
Awareness on Anti Ragging and Prevention of Sexual Harassment on Women	12.08.2015	12.08.2015	790
Induction program for PG students and Awareness on Plagiarism	30.10.2015	30.10.2015	130

Campus Eco-friendly Initiatives:

Rain Water Harvesting System.

E-Waste segregation.

LED Lightings.

Exclusively Swaach Bharath Waste Collection Van was procured for waste disposable in scientific manner.

BEST PRACTICES

I. Title of the Practice: To enhance research potential of faculty members.

The Practice: The Institution –Industry interaction cell has been established. The institution encourages the faculty members to publish the research papers, attending national/ International conferences and to carry out consultancy work. The faculty members are encouraged by

providing the cash incentive to those who publish research articles in national/ International journals. They were sponsored to attend the national/ International conferences in India/Abroad. The cash incentives are provided to those faculty members who are doing the consultancy work based on the amount and nature of work. As many as 03 MoUs have been signed between the institution and various industries to carry out the research and consultancy activities. MoUs are also signed between foreign Universities also to expose the faculty members to the current research areas.

II. Title of the Practice: Monitoring the Incremental Academic growth of the students

Goal: To identify the academically weak students and assess the reasons for their poor performance. These weaknesses should be studied and proper remedial action is to be taken to address these problems. The counsellors have to monitor the academic progress of the students identify their area of weakness like analytical, theoretical, practical etc., and after discussions and deliberations decide on the remedial measure that is to be adopted. It is not necessary that the reason for the problem is with the students or their academic back ground. In some cases it may even be due to the social background, economic background etc., in such cases personal counselling has to be done to ensure that they overcome the difficulty.

The Context: The state of Karnataka being a state depending on agriculture as its main source of income, many of the students hail from a rural background. Quite a few of them have completed up to their higher secondary education in Telugu medium and find it difficult to adapt to the English medium of instruction. Added to that is their fear of city culture, imbalance in academic background of peers, hesitation in asking for guidance or help in studies or personal counselling etc., These students when not given the helping hand, tend to drop back in their academic grades and eventually there is the chance of even dropping out of the course. So the management of BITM decided to address these issues by formulating a personal mentor system so that such students get the required guidance from the staffs and also the system of peer to peer helping in the hostels also provided them the necessary moral and emotional support that they needed most.

The Practice: The continuous academic monitoring system helps the faculty in recording the academic progress of each and every student. Also the mentoring system adopted, where in every faculty is in charge of 15-20 students and acts as a mentor for those students, so that they can approach their respective faculty in case of any academic / personal help. This personal mentoring system helps the faculty in identifying the academically weak students. Those students are called for personal counselling and the mentor tries to understand the nature of the problem faced by these students. On analysis it has been found that the reason for the poor performance of these students is of two types. One may be due to their academic background and the other may be due to their economic and social background.

While analysing the academic reasons it has been found that Students who have completed their schooling in Telugu medium find it difficult to understand the technical concepts which are taught in English. This problem when left unaddressed leads to lack of interest in the subject, which reflects on their end semester results and in worst cases may even lead to drop outs. Such students who have not been able to have their schooling in English medium are given special coaching in English. These English coaching classes are conducted after class hours. This is supplemented by peer to peer teaching where in hostels, a separate study hour is allotted during which the students are encouraged in group studies. This concept helps in not only creating a better rapport among the students but also helps them in understanding the concepts well because they may find it easy in asking the help of their friends in studies. Incidentally the students predominantly are from weaker and disadvantaged section of the society. The financial constraints faced by the students also have its effect on their academic performance. When the mentors come to know of such difficulties they suggest the students about the external financial options that are available like, bank loans, Government scholar-ships etc., In a few cases the Management also sponsors the education of such students through scholarships and freeships. The performance of the students in the class is recorded semester wise in the department and as stated, the faculty members care for the academically weak students by way of personal counselling and mentoring. When identified at the beginning of the course and in some cases even before that (with the help of analysis of their performance in higher secondary examinations and class room interaction during the bridge courses), it becomes easier to bring them to the main stream and instil a sense of confidence in them so that they can perform well in their subsequent semester examinations.

Evidence of Success: Provide evidence of success such as performance against targets and benchmarks and review results. What do these results indicate? Describe in about 200 words.

The practice of monitoring the incremental academic growth of the students has been adopted by BITM for the last six years. Every year at the beginning of the academic year the students are counselled by the faculty and the HOD also addresses them. It has been noted that the academic performance of students has always been on the rise and the result analysis done every semester is a proof of it. The result analysis not only give the data about the performance of the students during the semester exams, but also on analysis the faculty will be able to judge whether a particular student is good in analytical or theory subjects, what kind of remedial measure is needed to solve his problem etc., Every semester the faculty is encouraged to achieve 100% results in their respective subjects. However, as it is not practically possible to achieve the same, the management ensures that the motivation factor is not lacking in the faculty, by means of cash rewards and certificates of appreciation to staff members who secure maximum results in their subjects. The management has clearly understood that the process of achieving good academic results is not only in the hands of the students and faculty, but also the backing of the management plays a major role in achieving the same. In this context the management provides

additional help in the form of incentives to better performing staffs, refreshments to faculty who engage in extra coaching classes, milk and tea to hostel students during the study hours, power back up for the hostels and the college during the coaching classes etc.,

The review of the results has shown that the students have performed better as the course progresses and there has been an incremental academic growth in their performance.

Problems Encountered and Resources Required: Please identify the problems encountered and resources (Financial, Human and other) required to implement the practice.

The monitoring of the incremental academic growth of the students is a success story of BITM and all the other institutions of our group are now following our footsteps in implementing this system. However as every success story has a turbulent phase, so also this system when implemented had its own share of problems like

- > Non co-operation from the students in accepting the study hours at the hostel
- > Hesitation on the part of the rural students to mingle with their city counterparts.
- > Faculties finding it difficult in staying back after college working hours.
- > Transportation problems for the faculty and day scholar students.

These problems were overcome by the management by adopting various measures like

- > Counselling the students and making them understand the importance of overcoming the demon inside them that prevented them from accepting the additional study hours at the hostel.
- > Personality development sessions for the rural students.
- > Motivating the faculty by financial rewards and certificates of appreciation.
- > Providing free transport to faculty and day scholars who stay back after college working hours.

Proctorship Resulting in Good Academic Results:

Conscious effort was made by the management in consultation with all the stake holders that mentoring / proctoring to be done in a focused manner.

Decision was taken to allocate 15 students for one faculty member and closely monitor students' academic progress, extracurricular activities and participation in various external competition. Each student was provided with a proctoring book to log student's information along with academic details. Each faculty would counsel every student at least 3 times in a semester and log student's progress. The absentees for a particular period was logged in the absentees list and any deviations observed by the Head of the Department was immediately addressed w.r.t. student absenteeism. The proctors constantly spoke with the student's parents and kept updating about their ward progress. This action and follow-up resulted in students showing keen interest in academic and extracurricular activities. High performing students were encouraged to

participate in various competitions, organize departmental events under their department forums and department professional society.

Remedial classes were taken for the academically weak students and this resulted in higher progression of students to higher semester. Overall the proctoring system has improved the academic standards in terms of results which increased by 6.2%, students participation in technical events, placements and in extracurricular activities.

TRAINING & PLACEMENT:

Campus Placements, Higher Education & Competitive Examinations:
Institution has successfully placed 306 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 15 students opted for higher education through PG-CET, GATE, GRE and IELTS.

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

Activity of Student Council:

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

Selection, Constitution, Activities and Funding

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

The funding for various activities of the internal college bodies is provided by the College Management.

Students part of IQAC, Cultural Committee and Hostel Committee.

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 **83,590 volumes** of Books with **9,065 Titles** on Engineering, Management and Humanities. Library subscribed to **Print Journals** and **e-journals** through VTU Consortium are subscribed. Library collection as per AICTE norms.
- Availability of special Collection of Books like Dictionaries, Hand Books, Encyclopaedia, and for competitive exams GATE, GRE, TOFEL etc.
- Old Question papers are maintained for reference for Staff and Students.
- Library is fully atomized with Easylib software and collections are Barcoded. All library transaction are through software.
- The library follows OPEN access systems where students can choose their Book. It facilitates the users to browse and pick up the documents of their choice without any hindrance.
- **E-Journals:** IEEE-IEL, Taylor & Francis, ASCE, ASME, ProQuest, Knimbus-Digital Library, Knimbus-Remote access, Kopykitb, 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

- * **947 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.

* 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.

* NSS Unit & Cultural activities organized by the College & University.

* **Separate hostels for Boys & Girls.**

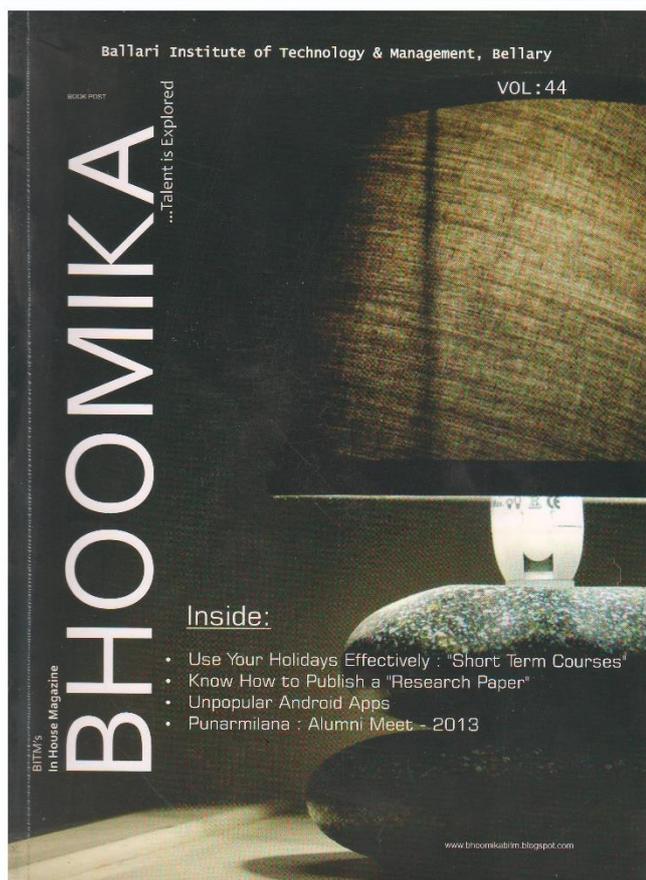
• Medical Centre with Ambulance facility.

• **Canteen:** The Canteen in the campus serves hygienic food and is open on all working

days.



• **Transportation:** With a fleet of 15 buses, BITM offers convenient transport facilities for students to avail.



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

MoUs / CoE and Associations:

Organisation	Date of MoU's signed	Purpose and Activities	Number of students / teachers participated under MoU's
J Spiders / Q Spiders, Software Testing Training Institute, Bangalore	01.03.2016	Java Skill Development and Manual and Automated Testing	130
National Instruments	18.03.2016	NI Lab view - Training and conduction of workshops	150
CII - Confederation of Indian Industry	13.01.2016	Industry awareness and latest trends in manpower requirements	15

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
22.08.2015	1 BADMINTON MW RYMEC BLY Men Winners	10
30.08.2015	2. CHESS(M), SJMIT-Chitradurga	6
07.09.2015	3. TT MW GNDCE BIDAR 2nd Place	8
02.11.2015	4. VTU Hockey (W) Blues Representation Inter-zone south2015-16 MYSURU UNIVERSITYLYU MYSURU .	2

20.02.2016	5. CRICKET Intra Mural sport Meet	44
01.03.2016	6. BASKET BALL INTRA MURAL SPORTS MEET	35
04.03.2016	7. CRICKET (M) BEC-BAGALKOT	16
09.03.2016	8. KHO- KHO(Men)RYMEC, BALLARI - 2ND PLACE	13
10.03.2016	09. CRICKET (MEN)	17
18.03.2016	10. THROW BALL INTRA MURAL SPORTS MEET	89
19.03.2016	11. CHESS Men INTRA MURAL	18
	12. CHESS Women INTRA MURAL	15
24.03.2016	13. 19 th VTU ATHLETIC MEET –Sir, MVIT-Blore SHOT-PUT(M)-1stPlace	17
25.03.2016	14. FOOT BALL Men INTRA MURAL	83
27.03.2016	15. BADMINTON Women INTRA MURAL	16
	16. BADMINTON Men INTRA MURAL	19
29.03.2016	17. VOLLEY BALL Men INTRA MURAL	43
	2015-16 - Cultural	
	Tarang Cultural fest - 2015-16	
28.03.2016	1. AMAZING RACE	17
	2. DANCING	35
	3. MOVIE MAKING	8
	4. SINGING	22
	16th VTU-YOUTH FEST-Chakravyuh	
07-05-2016	5. Skit	7
08-05-2016	6. Mime	7
07-05-2016	7. Quiz	3
08-05-2016	8. Singing	8
07-05-2016	9. Debate	2
07-05-2016	10. Poster making	1
07-05-2016	11. Elocution	1
09-05-2016	12. Clay Modelling	1
07-05-2016	13. Rangoli	1
08-05-2016	14. Spot Photography	1

10-05-2016	15. On spot Painting	1
08-05-2016	16. Installation	4
08-05-2016	17. cartooning	1
08-05-2016	18. collage	1
08-05-2016	19. Mimicry	1

Awards / Medals for outstanding performance in sports activities at national level.



Extension and Outreach Programmes Conducted:

Title of the Activities	Organising unit/ agency/collaborating agency	Number of teachers co-ordinated such activities	Number of students participated in such activities
<i>NSS /Youth Red Cross (YRC) Volunteer Blood Donation Camp & Blood group</i>	<i>VIMS Ballari /Red /Ribbon Club /YRCS/District AIDS Prevention & control Unit DAPCU officer</i>	45	300

BLOOD DONATION CAMP (19.02.2016)



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

Name of the scheme	Organising unit/ agency/ collaborating agency	Name of the activity	Number of teachers coordinated such activities	Number of students participated in such activities
NSS/ Swachh Bharat	SWACHHTA PAKHWADA	Creating Awareness about Cleanliness	06	150

GANDHI JAYANTHI 02.10.2015



KARNATAKA RAJYOTSAVA 01.11.2015



SWACHA BHARATH - 14.11.2015 CHILDRENS DAY**Scholarships and Awards**

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

Scholarships and Financial Support

	Name / Title of the scheme	Number of students	Amount in Rupees
Financial support from institution	Fee Concession and Economical Scholarship	384	38,23,000
Financial support from other sources			
a) National	Govt. of Karnataka / OBC, SC, ST Scholarships	1917	4,47,06,600
b) International	NIL	0	0

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 890 alumni students were enrolled.

Meetings / Activities organized by Alumni Association: **03**

ALUMNI MEET 2016 @ BENGALURU - 30.01.2016



1ST YEAR INAUGURATION – 06.08.2015



COLLEGE ANNUAL DAY 2016 & INAUGURATION OF AUDITORIUM (02.04.2016)



COLLEGE ANNUAL DAY 2016 & INAUGURATION OF AUDITORIUM (02.04.2016)



Decentralization in Working:

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

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

Participative Management:

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

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

Beginning of each academic year / semester Management conducts meeting with all the teaching and non-teaching staff in the institution auditorium. The objective of the town hall meeting is to reflect back the previous academic year achievements and scope of improvements. The present status stock is taken and deliberated on strategies, requirements, scope and opportunities and create a road map to achieve the vision of the institute. All the members are given opportunity to express their views & suggestions concerning the institute.

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

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

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

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

Internal Quality Assurance Cell (IQAC)

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

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

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

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

- <https://www.bitm.edu.in/governing-council-members>
- <https://www.bitm.edu.in/industry-advisory-board>
- <https://www.bitm.edu.in/internal-quality-assurance-cell>

- <https://www.bitm.edu.in/finance-committee>
- <https://www.bitm.edu.in/budget-committee>
- <https://www.bitm.edu.in/planning-monitoring-purchase-committee>
- <https://www.bitm.edu.in/building-maintenance-electrical-maintenance-committee>
- <https://www.bitm.edu.in/it-cell-committee>
- <https://www.bitm.edu.in/recruitment-committee-board-of-appointments>
- <https://www.bitm.edu.in/entrepreneurship-development-cell-committee>
- <https://www.bitm.edu.in/consultancy>
- <https://www.bitm.edu.in/counseling-proctoring-committee>
- <https://www.bitm.edu.in/examination-cell>
- <https://www.bitm.edu.in/nba-committee>
- <https://www.bitm.edu.in/parent-interaction-cell>
- <https://www.bitm.edu.in/research-development-committee>
- <https://www.bitm.edu.in/cultural-committee>
- <https://www.bitm.edu.in/anti-ragging-cell>
- <https://www.bitm.edu.in/map>
- <https://www.bitm.edu.in/sc-st-grievance-cell>

CELEBRATIONS AT COLLEGE

Independence Day

The institution celebrated 69th Independence day on 15.08.2015. Prof. Prithviraj Y.J., Deputy Director, Principal Dr. V. C. Patil, Staff & Students along with NSS Volunteers of the institution participated in flag hoisting. Mr. Siddarth, student from CSE-Department spoke about the sacrifices made by our freedom fighters. He also highlighted the patriotism shown by Balagangadhar Tilak.

Teacher's Day

Students from all the departments took the lead in organizing the Teacher's Day on 05th September 2015 by showering love and affection towards the faculty members for their service and sacrifice. Principal Dr. V. C. Patil, addressed all the staff members in CSE Seminar Hall and spoke about the achievements and qualities of Sri. Sarvepalli Radhakrishnan. Dr. U. Eranna, HOD, Dept. of ECE informed about the importance of proctoring and mentoring on the occasion of teacher's day.

Celebration of Engineer's Day

On the occasion of the Engineer's Day on 15.09.2015, the staff and students celebrated to mark the Birth Anniversary of Sir M. Visvesvaraya. Dr. V. C. Patil, Principal delivered the technical talk in the area of "Wireless Sensor Networks".

Celebration of Ozone Day (16.09.2015)

NSS Volunteers, Mr. Pavan & Mr. Ravichandra, Dept. of Mech. Engg., organised the awareness program on the importance of Ozone. All the students formed an Ozone shaped human chain to propagate the protection of Ozone.

Celebration of Gandhi and Lal Bahadur Shastri Jayanthi (02.10.2015)

Mr. Gangadhar & Mr. Amaresh, students 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. Swachh Bharath program was also conducted at the institution, sports complex along with cleaning near the bank area.

Celebration of Karnataka Rajyotsava Day (01.11.2015)

Karnataka Rajyotsava Day was celebrated at our college. The Naada Geethe was sung by all the participants. Mr. U. Basavaraj, student and Mr. Manjunath, Asst. Prof., Physics Department recollected the importance of celebration of statehood and Regional Language. Students and staff spoke about importance of Kannada and the famous personalities such as Dr. Bendre and U. R. Ananth Murthy for their contributions in the area of Kannada Literature.

Celebration of World Aids Day (01.12.2015)

NSS Volunteers, Mr. Vinayaka & Mr. Veeresh S. took the lead role in spreading the awareness on prevention of AIDS at Allipura village along with Red Ribbon Club & DAPCO. All the staff members wore the Red Ribbon on that day to empathize with patients, and recognize the contribution made by the district administration.

Celebration of National Youth Day (12.01.2016)

On this occasion, a program was organized and Mr. Gangadhar & Mr. Ravi Chandra spoke on the "Role of Youth for the Nation Development". Students recollected the message put forth by Swami Vivekananda.

Celebration of Republic Day (26.01.2016)

On this occasion, Prof. Prithviraj Y. J. Deputy Director, hoisted the National Flag along with the National Anthem. Mr. Yoganand Pattar sang a patriotic song. Dr. Yadavalli Basavaraj, Vice-Principal, recollected importance of protecting the constitution and contribution made by Dr. B. R. Ambedkar in framing the constitution. All the NSS Students, Staff and Management participated in the event.

Celebration of International Women's Day (08.03.2016)

On the occasion of Women's day, a program was organized for women staff, Mrs. Aradhana.D., Asst. Prof., CSE Department gave a talk on "Roll Played by Women" in moulding the Society. Roses were given to all the female staff. Management acknowledge the contribution made by women faculty members.

Celebration of World No Tobacco Day (31.05.2016)

A program was organized for the maintenance staff of the institution. Mr. Madhusudhana, a NSS volunteer took the lead role to propagate the ill effects of Tobacco.

Celebration of World Environment Day (04.06.2016)

The Students and staff members carried out tree plantation program in the Krishna Block hostel campus. Principal distributed Tree saplings to the NSS Students and students carried out scientific marking of the trees.

Celebration of International Yoga Day (21.06.2016)

The Institution organized Yoga classes for the students (both boys & girls) of BITM and on this day the students performed Yoga at Open Air Theatre.



Principal,
Ballari Institute of Technology & Management,
BELLARY.