Vidyayamruthamashnuthe

PROSPECTUS 2020

B. N. M. Institute of Technology

Approved by AICTE, Affiliated to VTU and Accredited as grade A Institution by NAAC.
All UG branches - CSE, ECE, EEE, ISE & Mech. E accredited by NBA for academic years 2018-19 to 2020-21 & valid upto 30.06.2021

Post box no. 7087, 27th cross, 12th Main, Banashankari 2nd Stage, Bengaluru- 560070, INDIA
Ph: 91-80- 26711780/81/82 Email: principal@bnmit.in www. bnmit.org

"Karmanyevadhikarasthe maphaleshu kadachana"

"Blessed are the parents who are immortalised by their children"

Smt. Bhageerathi Bai & Narayana Rao Maanay

In whose memory, the Bhageerathi Bai Narayana Rao Maanay
Educational Institutions were started.
They are living examples of the ultimate truth.

Late Sri. N. Raghunath Rao Maanay & Smt. Sushila Devi R. Maanay

Prof. Sunanda P. Jadhav
Founder Secretary

Eminent educationists and professionals from diverse walks of life came together to make a significant beginning for promoting the girl child to continue their education beyond SSLC as almost all the girls especially in the fringe areas of the then existing bangalore south extentions were forced to discontinue their studies after SSLC to get them married. The efforts were largely successful in convincing the parents from the practice of discontinuation as well as marriage at 15/16 years. Hence the first institution to be founded by the Trust was the BNM Pre-Univeristy College exclusively for girls in 1972 when the institutions were started. The Trust Bhageerathi Bai Narayana Maanay Charities was founded in with a focused vision to impart value based, quality education.

The BNM Educational Institutions are now leaders of repute in the field of education, providing the most modern methods while maintaining the rich cultural heritage of our great Indian tradition.

Over the years, the Institutions have successfully maintained very high standards imparting quality and comprehensive educational solutions. As years progressed various institutions were started to ensure educations starting with tiny tots at a tender age of 2½ years in the BNM Montessori House, then on to the Primary and High Schools with State and ICSE (New Delhi) syllabus then on at the Pre-University College providing all the popular combinations in the stream of Arts, Science and Commerce and then on to the Degree College offering BBM, B.Com. M.Com etc.. B.E. Degree programs and Post Graduate MBA program along with M.Tech. and Ph.D. programs with research facilities in all subjects offered at BNM Institute of Technology.

BNMIT is the ultimate destination for Top Multinational Companies to take our students who are proficient and enriched with talents beyond academics. BNMIT has achieved results of 98-100% with over 71 Ranks and 43 Gold Medals in UG and PG programmes including 9 First Ranks with almost 100% placement with many dual & triple job

In a short span of two decades BNMIT has made a mark in providing opportunities to those who wish to excel in Technical Education and ensure that they acquire what it takes to be the chosen ones of the top companies; The VTU results, Ranks, Gold medals and highly remunerative placements confirming these attributes.

BNMIT is one among a handful of Engineering Colleges located in the heart of Bangalore city situated in Banashankari 2nd stage a quiet and well known respected locality of the city. Good access to all essential facilities, Serene Campus with landscaped gardens and enveloped by Greenery. Our students have been securing VTU ranks regularly right from the first batch, bagging 43 Gold Medals and 71 Ranks in VTU exams. Our students have secured 95-100% results with 85% First Class with Distinction in all Branches in the latest VTU Examinations.

Our Vision

To be one of the premier Institutes of Engineering and Management Education in the country.

Our Mission

To provide Engineering and Management education that meets the needs of human resources in the country.

To develop leadership qualities, team spirit and concern for environment in students.

Quality Policy

To nurture students in a research rich environment with core Indian cultural values. Harmonize engineering and management education for enabling our students to carve a niche for themselves in this ever changing world.

Empower students for continual improvement to meet challenges of collaborative and competitive environment.

Stimulate their intellectual excellence and equip them to critically evaluate while facing real life challenges in a sustainable environment.

Message from Chairman

Dr. C. Naganna
Chairman

It is a matter of pride for me to be the Chairman of the Governing Council of BNMIT and to welcome the students intending to join our BNM family.

BNMIT has established a record in the history of Institutions, to come up to a level of earning a coveted position among the Engineering colleges in the country though it has been a young Institution compared to many. We are rated as one among the first 10 Engineering colleges in the State. Our motto has been to create great Engineers, Technologists, besides inculcating in them a sense of respect for human values and the Nation.

The founding fathers, a family of educationists and philanthropists have always given weightage to this aspect of learning process. I can assure that you will be provided with the best of education, cultural atmosphere and values of life.

Message from Secretary

"Heights by greatmen reached and kept were not attained by a sudden flight, but they while their companions slept were toiling upward in the night."

The meaning of the above stanza is self-evident, nothing comes from nothing, nothing ever could. Success and achievements are commensurate with will power, hard work, grit, resourcefulness and relentless approach.

Shri. Narayan Rao R. Maanay, B. E., FFMT (London)
Secretary

The day has come when every student should realize that with Globalization and the tumultuous changes we see in the international scenario, the multinational companies and the corporate world have changed their outlook and methods of assessment of the prospective candidates for providing jobs. Earlier high percentage marks in examinations with distinctions were the only criteria for top jobs. Now the trends have changed and the students are chosen not just for good marks, but more than that they are tested for knowledge they have retained with them as also a strong foundation and sound knowledge of basics. Hence gathering knowledge, understanding, and retaining are more important than studying for exams getting high marks and forgetting thereafter.

A saying goes like this "Ordinary things done in an extraordinary way make people great".

At BNMIT you are not only prepared for gaining knowledge but you are also given an opportunity to equip yourselves with cultural activities, sports, nature and environment conservation and awareness, adventure activities, social service, etc. It has become an additional and important parameter for companies to decide on the right candidate for the top jobs. All this is possible at BNMIT which is located in the beautiful Banashankari area and endowed with an excellent infrastructure, coupled with peaceful environment, offering hassle-free study options. The natural beauty at BNMIT is captivating, enchanting and magical. The meticulously manicured greenery interspersed with fountains are like a blessing and an experience that is best when it is felt. BNM`s vision is to provide an all-round excellence in education along with multiple skill acquisition to all those children who enter its portals.

Message from Director

Prof. T. J. Rama Murthy, B. E., M. Sc.(Engg.)
Director

In these days of totally urbanized atmosphere, the BNM Campus is like a breath of fresh air set amidst landscaped gardens and with a highly surcharged interactive atmosphere between students, faculties and mentors.

Since its inception BNMIT has had an exceedingly good performance in the VTU Examinations with 95-100% results.

BNMIT has provided excellent, experienced, dedicated and caring faculty members who are its pillars of strength. Apart from an all-encompassing academics the college provides Industry Interface, Performance enhancing programs, Placement training and Career support programs, acquisitions, orientation and induction programs, scholarship and rewards for the deserving students and an elegant and charming dress code.

Associations for every discipline, Cultural Activities, Music, Nature, Adventure, outdoor and sports activities are provided to enhance the students multiple skill acquisition in a culturally rich environment of our great Indian tradition.

We are sure you will achieve all that you have set out to achieve for a highly successful career and more than that to be a good human being. A career that your parents had always wished for you.

Message from Additional Director

Dr. S Y Kulkarni, B.E., M.Tech. PhD.
Additional Director

A strong believer and practitioner of the dictum "VidyayaAmruthamAshn", BNMIT has been on the path of delivering quality education by developing the young human resources on the foundation of ethical and moral values, while boosting their leadership qualities, research culture and innovative skills. Built on a sprawling green campus, has excellent and state-of-the-art infrastructure facilities conducive to higher teaching-learning environment and research. The main objective of the Institution is to provide higher education of global standards and hence, all the programs are designed to meet international standards. Highly experienced and qualified faculty members, continuously engaged in the maintenance and enhancement of student-centric learning environment through innovative pedagogy, form the backbone of the Institution. As a result, BNMIT stands distinctly different from other institutions by getting A grade in NAAC accreditation, NIRF rank and also NBA Accreditation. Most of the surveys being conducted by many top magazines have ranked BNMIT one amongst top 50 Engineering Institutions of the country.

All the programs offered by BNMIT follow the Curriculum of the affiliating University which is designed on Choice Based Credit System (CBCS) model with Outcome Based Approach. The flexibility in the curriculum has been designed with industry-specific goals in mind and the educator enjoys complete freedom to appropriate the syllabus by incorporating the latest knowledge and stimulating the creative minds of the students.

At BNMIT, research, consultancy and innovation are regarded as our pillars of success. Most of the faculty members of the Institution are involved in research by attracting funded projects from various research level organizations like DST, VGST, VTU, DBT, DRDO, AICTE and industries. The outcome of the research is passed on to students through live projects from industries. The entrepreneurial zeal of the students is encouraged and nurtured through EDPs and EACs.

BNMIT has entered into collaboration with many prominent industries to bridge the gap between industry and Institution. Regular visits to industries and mandatory internship with industries have helped our students become skilled with relevant to industry requirements. Structured training programs on soft-skills and preparatory training for competitive exams are offered here to make students more employable. Near to 100% placement of eligible students speaks the effectiveness of these programs. The entrepreneurship development activities and establishment of "Technology Incubation Centers" in the Institution extend full support to the budding entrepreneurs to nurture their ideas and establish an enterprise.

With firm faith in the saying, "Intelligence plus character –that is the goal of education" (Martin Luther King, Jr.), I strongly believe BNMIT is marching ahead in the right direction, providing a holistic education to the future generation and playing a positive role in nation building. We reiterate our endeavour to provide premium quality education accessible to all and an environment for the growth of over-all personality development leading to generating "GLOBAL PROFESSIONALS".

Welcome to the portals of BNMIT!

Message from Dean

Prof. Eshwar N Maanay, B.E, M.S.
Dean

Welcome to BNM Institute of Technology!

We at BNM Institute of Technology continuously strive to ensure highest standards in education which will inculcate competitiveness a much needed skill in the present world.

The induction program for our new students is intensively designed to secure a thorough understanding of the purpose of their enrolled program. Higher education is a long-term social investment. It promotes economic growth and cultural development to ensure equity and justice while promoting social cohesion. The students are exposed to various activities and encouraged to actively participate with an aim to an overall development of the personality.

We, at BNMIT look beyond the curriculum and encourage our students to develop their innate skills and spark purposeful ideas. The Innovative Project Lab is one such opportunity where students can channel their creative energies and come up with useful and innovative projects for the society. The IPL Winter Competition is an eagerly anticipated event where students display their entrepreneurial projects.

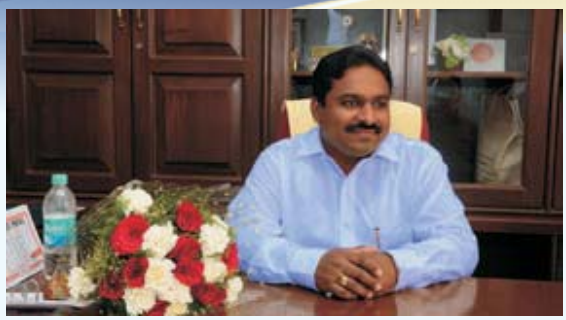
The 'Maker Space' is another creative space for students where they indulge in their curiosity to know how things work. The concept of free reverse engineering is actively encouraged which allows for some new ideas to originate.

The Talk-5 program is yet another unique concept whereby students are motivated to overcome their fears and hesitations in an object oriented way. The purpose is to allow students discover themselves in a positive manner which will help them in finding their goals and achieving them.

BNM Institute of Technology is equally passionate about research and culture for its students. The College constantly strives to strengthen it by twinning with R & D institutions and industries at national and international levels towards a symbiotic relationship. Opportunities abound everywhere for those who have the spirit of innovation and the drive to see it materialize. The management and faculty wholeheartedly facilitate and support our students in achieving their potential and embarking on exciting careers.

The serene and verdant academic ambience in the campus ensures a fertile ground for the development of knowledge and skills to take on the challenges of the real world and contribute to improving lives.

Message from Principal



Dr. Krishnamurthy G.N,
B.E., M.Tech., Ph.D., M.I.S.T.E., M.I.A.E.,F.I.E
Principal

Welcome to BNM Institute of Technology, popularly known as The BNMIT.

The college you see today is two decades in the making. BNMIT started in 2001 as one of the 200 colleges under VTU and is now recognized as a premier academic institution in engineering in VTU. BNMIT provides engineering education and undertakes engineering research that together serves to develop creative technological leaders and advance the frontiers of engineering knowledge. Today's engineers must be citizens of the world. With global economy comes opportunity and competition. We help our students meet that challenge through a curriculum and culture that embraces innovation.

Our graduate programs incorporate undergraduate, post graduate and doctorate degrees focused on the motto "education for Life and not just for livelihood". Its educational programs emphasize the understanding of fundamental principles; facility with experimental, computational, and analytical methods; and a versatility of mind that prepares the individual for a lifetime of learning and professional growth.

BNMIT is a place for people who desire to solve problems, to discover, to create, to design, to invent, and to innovate—and all of this with the goal of having an impact on society to be the chosen ones of the multinational companies. Our academic excellence can be seen in the top ranks achieved by our students in the university examinations.

I assure you that every student coming to the college receives personalized attention and is supported through effective student support services including mentorship, two layered counseling, library facilities including online, hostel facilities and job placement, etc. We are proud of our near perfect student placement with a diverse set of industries. Our alumni have distinguished themselves in many ways, and we expect that future generations will do the same.

Sl. No.	Name and Address	Designation
1.	**Dr. C. Naganna,** Former Member – Executive Council-VTU #228 / 25 – 39, C Cross, 5th Block, Jayanagar, Bangalore – 560 011	Chairman
2.	**Sri Narayan Rao R. Maanay** Trustee, BNM Charities - Secretary, BNMEI, # 424/1 10th Main, 22nd Cross, Banashankari 2nd Stage, Bangalore – 560 070.	Member
3.	**Sri Ashok R. Maanay** Trustee – BNM Charities - Jt. Secretary, BNMEI "Surama",No.2298, 21st Cross, K.R. Road, Banashankari 2nd Stage, Bangalore 560 070	Member
4.	**Prof. Sunanda P. Jadhav** Founder – Secretary BNMEI C-205/206,Mantri Gardens, Jayanagar 1st Block, Bangalore – 560 011.	Member
5.	**Dr. K. R. Iqbal Ahmed** Former Director, MANUU #23/7, 20th main, SMSLO, 5th Phase, J.P. Nagar, Bangalore – 560 078	Member
6.	**Prof. K. S. Subba Rao** Prof. Emeritus, I.I.Sc - AICTE Nominee No.131 / 4, National High School Road, V.V.Puram, Bangalore – 560 004	Member
7.	**Sri. D.U. Krishna Rao** Sr. Deputy General Manager (HRD)-(Retd.,) - Govt. Nominee 314 TV, 6th Block, "The Green House" BEL Layout, Vidyaranyapura, Bangalore-560 097	Member
8.	**Dr. H.V. Ravindra** VTU Nominee Principal, PES College of Engineering, Mandya, Karnataka.	Member
9.	**Director of Technical Education** Palace Road, Bangalore- 560 001	Ex-officio – Member
10.	**Regional Officer** A.I.C.T.E South Western Region, P.K.Block, Palace Road, Bangalore – 560 009.	Ex-officio – Member
11.	**Prof. T. J. Rama Murthy** Former Principal & Director - BNM Institute of Technology # 99-D2, Bull Temple Road, Bangalore – 560 019	Member
12.	**Dr. S. Y. Kulkarni** Additional Director - BNM Institute of Technology, Banashankari II Stage, Bangalore 560 070	Member
13.	**Dr. Krishnamurthy G.N.** Principal - BNM Institute of Technology, Banashankari II Stage, Bangalore 560 070	Member Secretary

YEAR OF ESTABLISHMENT: 2001

Annual Intake

Undergraduate Programme:

• Computer Science & Engineering	120
• Electronics & Communication Engineering	120
• Information Science & Engineering	60
• Electrical & Electronics Engineering	60
• Mechanical Engineering	60
• Artificial Intelligence & Machine Learning	120

Postgraduate Programme:

• Master of Business Administration (MBA)	120
• M. Tech. in Computer Science & Engineering	18
• M. Tech. in VLSI	24

R & D Activity
Research Programmes:

- Computer Science & Engineering
- Electronics & Communication Engineering
- Information Science & Engineering
- Electrical & Electronics Engineering
- Mechanical Engineering
- Business Administration (MBA)
- Mathematics
- Physics
- Chemistry

Publications by Faculty:

- Journals / International Conferences / National Conferences : 150
- Technical books : 210

Faculty:

Fourteen of our faculty members are rank holders and distinction holders in the university degrees from reputed institutions like IITs, IISc and Indian/foreign universities. Hence, our faculty members are able to impart quality education to the students community.

No. of Teaching staff : 137

- Professors : 23
- Associate Professors : 27
- Asst. Professors : 82
- Staff with Ph.D Degree : 52
- Staff pursuing Ph.D. Degree : 47
- Staff with PG degree :
- Staff : Student ratio : 15:1

Bachelor of Engineering (B.E)

Admission for the first year of the course shall be open to the students who have passed the two years Pre-University Examination (Science) conducted by Karnataka State Pre-University Board or 10 + 2 School Programme of the Central Board (CBSE / ICSE) New Delhi with Physics, Chemistry and Mathematics as optional subjects and English as a subject of study or those who have passed any other examinations recognized by the VTU as equivalent there to.

Candidates other than those from karnataka are required to obtain Eligibility Certificate from VTU, Belgaum.

The Eligibility norms are periodically fixed by VTU with all relevant details of Academic Eligibility, Recognised Equivalent Courses for admissions to UG Courses as well as PG Courses and Institutions recognized for eligibility. The full details are available on the Visvesvaraya Technological University website: **www.vtu.ac.in**

Master of Business Administration

Admission Procedure:

Graduates of Commerce, Arts, Science, Business Management, Law, Agriculture and Engineering disciplines who have obtained minimum aggregate of 50 percent of marks are eligible to seek admission to MBA Programme.

Interested students are required to look for advertisements in leading newspapers and media for PGCET / K-MAT Entrance Test announcements. Any one entrance test of PGCET / K-MAT / CAT / MAT is a must for admission. 50% of the seats will be allocated based on the Karnataka State PGCET scores through Visvesvaraya Technological University (VTU) counseling.

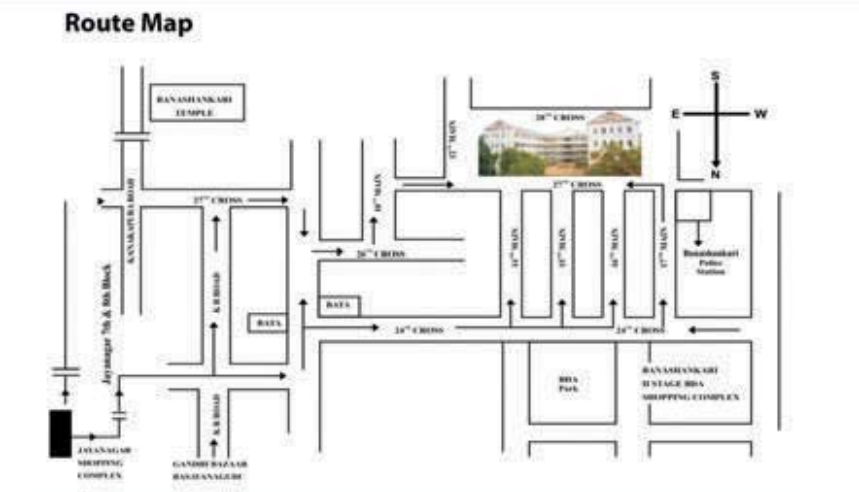
The remaining 50% of the seats coming under the management quota will be allocated on the basis of the ranking in K-MAT / CAT / MAT / PGCET. The undergraduate aggregate score will also be considered for merit.

Application and prospectus can be obtained in person or through post by sending a DD for Rs. 500/- drawn in favor of 'The Principal – BNMIT', payable at Bangalore.

Selection process of eligible candidates for admission

For the process of selection of eligible candidates applying for admission, please refer / click :

http://www.bnmit.org/eligibility_process.html



Contact Address:

Director/Principal,
BNM Institute of Technology,
27th Cross, 12th Main Road, Banashankari II Stage, Bengaluru - 560 070
Ph: 91-80-2671 1781/2671 1782, Fax: 91-80-2671 0881, E-mail: director@bnmit.in, principal@bnmit.in

Scholarships & Awards for Meritorious Students

Scholarships for meritorious and also economically weaker students:

The Management is happy to provide scholarship to the extent of more than Rs.25 lakhs per year.

- CET students admitted within the ranking of 1000 will be given a scholarship of Rs.25,000/- at the time of admission.
- ComedK students admitted within ranking of 3000 will be given a scholarship of Rs.10,000/- at the time of admission.
- Merit scholarship of Rs.10,000/- will be given to all the students securing CGPA of above 9.5 in 1st semester.
- Scholarship of Rs.10,000/- will be given to all the students securing more than 90% in any semester.
- Scholarship of Rs.10,000/- to Rs.50,000/- will be given to rural Karnataka students from economically weaker section admitted through CET.
- Students who have secured more than 60% in exams and has represented VTU in sports is awarded Rs.10,000/-.
- Students who have secured more than 60% in exams and has represented Karnataka in any sports is awarded scholarship of Rs.25,000/-.
- Students who have secured more than 60% in exams and has represented our Country in any sports is awarded scholarship of Rs.1,00,000/-.
- Cultural Scholarship of Rs.10000 to Rs.25000 to VTU youth festival winners in each category.

Gold Medals for merit students:

- All students securing Ranks in VTU are awarded seperate gold medals by the college apart from ones received at VTU.
- Students securing 90% and above in first four semesters are awarded a gold medal and similarly those securing 90% in the last four semesters are also awarded gold medals.

Student Insurance : All Students are insured for Rs.100000/-

Fee Structure

Bachelor of Engineering (B.E):

I Year Students 2019-20

Fee Category		Amount
CET Quota	Tuition Fee	58,806
	Application & University fee	10,000
	College Fee	30,000
SNQ Quota	Application & University fee	10,000
	College Fee	30,000
Comed K Quota (Karnataka students)	Tuition Fee	2,01,960
	Application & University fee	10,000
	College Fee	30,000
Comed K Quota (Non-Karnataka students)	Tuition Fee	2,01,960
	Application & University fee	11,500
	College Fee	30,000
Management	Tuition Fee	Fees decided at the time of admission + 2500
	Application & University fee	10,000
	College Fee	30,000

II Year Students 2019-20

Fee Category		Amount
CET Quota	Tuition & University Fee	53,460 + University Fee
	College Fee	25,000
	Training Fee	12,000
SNQ Quota	University Fee	University Fee
	College Fee	25,000
	Training Fee	12,000
Comed K Quota	Tuition & University Fees	1,83,600 + University Fee
	College Fees	25,000
	Training Fees	12,000
Management	Tuition & University Fee	Fees decided at the time of admission + University Fee
	College Fee	25,000
	Training Fee	12,000
Diploma Quota	Tuition & University Fee	53,460 + University Fee
	College Fee	25,000

III Year Students 2019-20

Fee Category		Amount
CET Quota	Tuition & University Fee	52,000
	College Fee	20,000
SNQ Quota	University Fee	2,500
	College Fee	25,000
Comed K Quota	Tuition & University Fee	1,72,500
	College Fee	25,000
Management	Tuition & University Fee	Fees decided at the time of admission + University Fees
	College Fee	25,000
Diploma Quota	Tuition & University Fee	52,000.00
	College Fee	25,000.00
	Training Fee	12,000.00

IV Year Students 2019-20

Fee Category		Amount
CET Quota	Tuition & University Fee	52,000
	College Fee	20,000
SNQ Quota	University Fee	2,500
	College Fee	20,000
Comed K Quota	Tuition & University Fee	1,72,500
	College Fee	25,000
Management	Tuition & University Fee	Fees decided at the time of admission + University Fees
	College Fee	25,000

MBA & M.Tech Fee Structure:

Fee Category		Amount
MBA	Tuition & University Fees	55,390 + University Fee
	College Fees	30,000
M.Tech	Tuition & University Fees	65,390 + University Fee
	College Fees	30,000

Fee Refund

For the details of percentage of tuition fee and other charges refundable to a student admitted, in case such student withdraws from the Institution, please refer / click: http://www.bnmit.org/fee_refund.html

All payments to be made through DD, drawn in favour of BNMIT, Bangalore.

Industry Associations & Memorandum Of Understanding

Sl. No.	Year of Initiation	Co-ordinating Departments	Name of the Company	Details	No. of Years
1	2020	CSE	Neovegam Technologies Pvt Ltd, Bengaluru	Centre of Excellence in Internet of Things(IOT),a lab has been set for practical exposure. Aims to work on a non exclusive basis for student and faculty programmes.	5
2	2020	ECE	AGIMUS Technologies Pvt. Ltd., Bengaluru	Aims to set up an Industry standard IoT lab, initiate Institute – Industry collaboration program addressing research projects, identifying and applying for funding agencies, establishment of Centre of Excellence or incubation center at BNMIT premises, internships, organizing workshops, seminars, technical lectures and such other activities.	2
3	2020	ECE	Digital Shark Technologies, Bengaluru	Aims at the establishment of Innovation Lab (Powered by TI Tools). The facilities are used for the conduction of skill development programs for students and Faculty Development Programs for faculty. The students are given opportunities for internship and support for placement in core companies by DST. The students would be guided to do real life projects and faculty can do research activities.	2 years
4	2020	MBA	Auston Institute of management, Singapore	19 students visited in 2020	1 Month
5	2020	MBA,ED Cell	REPO BELARUS	15 students from MBA and Engineering students visited in 2018	2 years
6	2020	MBA	University of Alabama	10 students visited in 2012	8 years
7	2019	EEE	Manobhu Technology Pvt. Ltd., Bangalore	Industrial Consultancy, Intership and Project opportunity for BNMIT students	2 years
8	2019	ED Cell	MoU with Taiwan	International Internship	1 year
9	2019	NewGen IEDC, ED Cell	NTTF, Hosur Road, Bangalore	Workshops, Skill Development Training, Orientation and Faculty Development Program	3 years
10	2019	ME	Fenfe Metallurgicals	Fenfe Metallurgicals for research activities, student enrichment in the area of Metallurgy and Foundry of non ferrous metals.	5 years
11	2019	ECE	Institute of Health Management Research (IIHMR), Electronic city, Bengaluru	Aims at joint proposal writing to get funded projects on health management and technology and Knowledge sharing by experts from both ends	3 years
12	2019	ECE	Rajarajeshwari Medical College and Hospital (RRMCH),Bengaluru	Objective is to apply for joint proposal writing to get funded projects on medical devices using various technologies, Knowledge sharing by experts from each institution	3 years

Industry Associations & Memorandum Of Understanding

13	2019	ECE	Mentor Graphics – A Siemens Business	System on Chip Design & Development for BNM100SoC. (Higher education License Donation Agreement)	1 year
14	2019	ECE	Semi –Conductors Laboratory ,SAS Nagar, Chandighar, Punjab.	(180nm Standard Cell Libraries) for BNM100 System on Chip(SoC) Design & Development.(NDA)	2 years
15	2018	ECE	SenseSemi Technologies Pvt. Ltd, Bengaluru	Aims to provide technical support & guidance to BNMIT senior students/staff, To pursue R & D Work , To precursor to constitute,create,contemplate J V partnership for future R & D work.	3 years
16	2017	MBA	IIMBX	119 students availed service in 2018	2 years
17	2018	ME	Mahatma Gandhi Institute for Renewable Energy and Development (MGIRED)	Activities are in the area of renewable energy, Invited Guest lectures, Internship to students, Joint research projects, Project work for students, Industrial visits, Joint publications.	5 years
18	2018	ME	Toyota Kirloskar Motor Pvt. Ltd.	Toyota Kirloskar Motor Pvt. Ltd. For establishing state of the art 'BNMIT-Toyota Centre of Excellence'.	Perpetual
19	2018	T&P	Byju's	Pending for Renewal	
20	2018	T&P	MoU with Manya The Princeton Review	Guidance on Higher Studies Preparation	3 years
21	2018	T&P	MoU with M/s Infosys	Infosys Campus Connect & Infy TQ Learning	2 years
22	2018	T&P	MoU with M/s NEC Technologies	Internship, Project & Recruitment	1 year
23	2016	MBA	FNF Business process outsourcing services India private Ltd	24 students availed service in 2017	3 years
24	2016	ED Cell	National Entrepreneurship Network	To develop entrepreneurship capacity of the institute by leveraging high impact methodology models and practices of entrepreneurship in the way of programs	3 years
25	2016	MBA	Learnito Education Pvt. Ltd	Skill Development and Mentorship	1 year
26	2015	ED Cell	Entrepreneurship Development Institute of India	To establish project guidance centre for diploma in entrepreneurship and management	Perpetual
27	2014	CSE	Old Dominion University, USA	Internship for students	Perpetual

Sl. No.	Principal Investigator	Title	Funding agency	Amount in Lakh	Year of funding	Duration
1	Dr.L.Vijayashree	New Gen IEDC	Department of Science and Technology, Government of India.	Rs. 2.87 crores	2017-2022	5 years
2	Dr. Saritha Chakrasali	GPGPU Computing for computationally complex problems	VGST	Rs. 20 lakh	2018-19	2 years
3	Dr.L.Vijayashree, ED Cell	Programs conducted under DST NIMAT project	DST – NIMAT Project, EDII, GoI	Rs.2.0 lakhs	2018-19	1 year
4	Dr.L.Vijayashree, ED Cell	Programs conducted under DST NIMAT project	DST – NIMAT Project, EDII, GoI	Rs.1.0 lakhs	2017-18	1 year
5	Dr.L.Vijayashree, ED Cell	Programs conducted under DST NIMAT project	DST – NIMAT Project, EDII, GoI	Rs.0.4 lakhs	2015-16	1 year
6	Dr. Sahana D Gowda	Ambient Intelligence for video surveillance systems	DST	Rs. 3 lakh	2014	3 years
7	Dr. Jayanna. V. K	Develpment of new spectro photometric method for the analysis of pharmacetically important drugs	VTU	Rs. 2 lakh	2012	2 years
8	Dr. Deepa H R	Effect of Silver nanoparticles on Photophysical properties of Ketocyanine Dye series	VTU	Rs. 8.9 lakh	2012	3 years
9	Dr. Neetha Mahadev, Dr. Mukund Sharma	10X Impact Study (Wipro Technologies)	Wipro Technologies	Rs.4.7 lakh	2012	1 year
10	Dr. Sahana D Gowda	Code Generation for Document Images based on Handwritten Components	VTU	Rs. 9.9 lakh	2011	3 years
11	Dr. Veena Chakravarthi	Low Leaky Standard cell development	VTU	Rs. 10 lakh	2011	3 years
12	ED Cell, MBA	Grants under ED Scheme- To start ED cell at Campus	AICTE	Rs. 5.5 lakh	2011-2013	2 years

Details of the Patents Applied

Sl. No.	Title	Author	Patent No.	Applied on
1	Apparatus for Asynchronous SOC Testing & Validation	Dr.Yasha Jothi M Shirur, Dr.Veena S Chakravarthy	201641022110	5th December 2016
2	Multi Scale Flute	Mijar Aditya Shenoy, Nagapoojith B R, Someshwar S, Piyush R Golecha	201841034289	12th November 2018
3	Balance Mate	Brahma SP, Keerthana Velilani, Soumiya Rao T	201941008707	6th March 2019
4	Detachable Smart Faucet	Dr.Jyoti R Munavalli, Ms.Sumathi N	201941027532	9th July 2019/td>
5	Bio degradeable Diapers	Dr.Jayanna B K	201941029985	24th July 2019/td>
6	Organic Dyes	Dr.Jayanna B K	20194103584	6th August 2018
7	Image Analysis – CCTV	Dr.Sejal Santosh Nimbhorkar	201941033734	21st August 2019
8	Stereoscopic Images	Ms. Chaitra N	201941036072	6th November 2019
9	Electric Three Wheeler Vehicle (Trike)	Dr.Venkatesha K, Dr.Parimala R V	201941037512	17th November 2019

Ranks in VTU Examinations

Since inception BNMIT has had a rich haul of Gold Medals and Ranks at the University examinations securing 43 Gold Medals and 71 Ranks including First Ranks.

Academic Year 2018-19

Manjushree K
CSE (M.Tech) ,ECE
Seventh Rank

Pavan Kumar M
VLSI (M.Tech) ,ECE
Fourth Rank

Academic Year 2017-18

Vaishnavi B R
B.E,ECE
Third Rank
3 Gold Medals

Academic Year 2016-17

Prathyusha A
B.E,EEE
First Rank
5 Gold Medals

Rajalakshmi K R
M.Tech,SE
First Rank

Rashmi B H
M.Tech,CNE
First Rank

Raja Rajeshwari A
M.Tech,CAID
First Rank

Harshithananda B
M.Tech,CAID
Third Rank

Roopa M
B.E,EEE
Fourth Rank

Anusha V
B.E,ISE
Fourth Rank

Akanksha Bharadwaj
B.E,ISE
Sixth Rank

Neetu Purba
B.E,ISE
Seventh Rank

Supriya N Hebbi
B.E,EEE
Ninth Rank

Academic Year 2015-16

Chaitanya M K
M.Tech,EEE
First Rank
One Gold Medal

Bindhya Shree V
B.E,ECE
Second Rank

Vindhya N
M.Tech, EEE
Second Rank

Sarah Iram L Indikar
M.Tech, ECE
Third Rank

Bhagyalaxmi D Somayaji
B.E, ECE
Sixth Rank

Shubratha C Sharma
B.E, CSE
Seventh Rank

Rahul Raj N
B.E, ME
Tenth Rank

Academic Year 2014-15

Deepthi Devaraj
B.E, CSE
First Rank
Six Gold Medals

Divyashree V
M.Tech, CAID
First Rank

Chaitra K V
B.E, CSE
Second Rank

Abhinav Prabhu
M.Tech, CAID
Second Rank

Sunil Kumar N
M.Tech, CAID
Third Rank

Aparna B V
B.E, ISE
Sixth Rank

Meghana Adiga
B.E, CSE
Seventh Rank

Neha V
B.E, CSE
Eighth Rank

Srividya K S
B.E, TE
Ninth Rank

Swathi A V
B.E, CSE
Tenth Rank

Academic Year 2013-14

Soumya P Maharajanavar
M.Tech,CAID
First Rank
One Gold Medal

Tejas K
M.Tech, CAID
Second Rank

Thejus Dutt
M.Tech, CAID
Third Rank

Amrit Shandilya
B.E,TE
Fourth Rank

Prathima R
B.E,ECE
Sixth Rank

Swetha R
B.E, ECE
Seventh Rank
One Gold Medal

D V Chandini Swapna
B.E,TE
Seventh Rank

Academic Year 2012-13

Anushree R
B.E, EEE - First Rank
Eight Gold Medals

Pooja V Hegde
B.E,CSE - First Rank
Five Gold Medals

Kruthi Jayaram
M.Tech,CAID - First Rank
One Gold Medal

Chandrashekar Rao Desai
M.Tech, CAID - Second Rank

Mahesh Raj N
M.Tech, CAID
Third Rank

Aparna Sinha
B.E,EEE
Fifth Rank

Chaitra Nagaraj
B.E, CSE
Seventh Rank

Swathi S Giri
B.E,TE
Ninth Rank

Shruthi G
B.E,TE
Tenth Rank

Academic Year 2011-12

Archana Prakash
M.Tech,CSE - First Rank
One Gold Medal

Smruthi Sudhindra
B.E,TE
Fourth Rank

Pratish D P
B.E,CSE
Fifth Rank

Megha Viswanath
B.E,EEE
Ninth Rank

M Hanuma Teja
B.E,ECE
Tenth Rank

Academic Year 2010-11

Swathi N
MBA - First Rank
One Gold Medal

Ramya K.
B.E,TE - First Rank
One Gold Medal

Divya Radhakrishnan
B.E,CSE
Second Rank

Subhashis Panda
B.E,EEE
Third Rank

Brinda Badrinath Hampiholi
B.E,CSE - Fourth Rank

Neethu Bobby Chandy
B.E,CSE - Fifth Rank

Soumya R
B.E,ECE
Fifth Rank

Harshavardhan R
B.E,TE
Seventh Rank

Sharvari B. R.
B.E,ECE
Seventh Rank

Amritha Anantha Nayak
B.E,CSE
Ninth Rank

Parvathi Jayaprakash
B.E,TE
Ninth Rank

Niharika Ramachandra Murthy
B.E,ECE - Ninth Rank

Academic Year 2009-10

Jyothi Priyanka A S
MBA
Seventh Rank

E R Haripriya
B.E,ECE
Eighth Rank

M Rajini
B.E,TE
Ninth Rank

2008-09

Lakshmi
B.E,ECE
Seventh Rank

2007-08

Komal B Prasad
B.E, ECE
Tenth Rank

Academic Year 2006-07

Sathya Shankar K A
B.E,TE
Fifth Rank

Chandrakala
B.E,ECE
Fifth Rank

Rakesh H P
B.E,TE
Sixth Rank

Academic Year 2005-06

Nagaswetha N M
B.E,TE
Fourth Rank

Archana S
B.E,EEE
Tenth Rank

Skill Development Program (SDP)

Industries / IT companies today recruit graduates based on skills acquired by them during the years of graduation. We have seen in the past that just scoring 70% and above marks does not guarantee job for students. Apart from looking for soft skills, industries want individuals who are ready to take up work immediately after joining their companies. Further, graduates with higher and better skills, adjust / adopt to dynamic environment, and more effectively to the challenges & opportunities at work. Hence, there is a need to produce skilled and industry ready individuals in the domains of current interest. In order to address this issue, the institute has introduced Skill Development Programme (SDP) during their third year of study (5th & 6th semesters). The expected outcome of the programme is to mould students to be industry ready technocrats of tomorrow. This, in turn would enhance the employability of students in industries – particularly the core industries.

The on-going SDPs are listed below:

- Embedded Systems in Robotics (ROS)
- Mean Stack
- App Development
- VLSI-FPGA and ASIC Synthesis
- IoT & its Applications
- Machine Learning Techniques for Signal & Image Processing
- Industrial Automation using PLC, SCADA, HMI & VFD
- Design of Power Frequency & High Frequency Transformers and Rotating Machines for Industrial Applications
- Solidworks

T5 Program

T5 is a program designed to motivate students to speak confidently in front of an audience. Each day of the 5 day activity oriented program focuses on specific aspects of self awareness and goal setting. Students are encouraged to overcome their hesitations and fears, to achieve a high self esteem.

Induction Program is a way of introducing the incoming students to their new environment. Students are made aware of the multi-dimensional aspects of learning and developing their personality, which will enable them to grow into valuable citizens of the country.

Vision

To groom students achieve their career objectives through systematic training in soft skills and technical skills, expose to corporate environment and enable them to secure jobs through campus placements.

Mission

- To bridge the gap between industry expectations and students' competencies through appropriate training.
- To provide employment to all the final year students through campus placements.

Objectives

BNMIT students will be able to:

- Communicate effectively and showcase their professionalism in group discussions and interviews.
- Communicate effectively in writing using words and phrases appropriate for different situations.
- To solve reasoning problems in an efficient manner during placement tests.
- Foster within them, a desire for lifelong learning and maintain the highest ethical and professional standards.
- Get jobs in premier industries.

Dr. Saritha Chakrasali
Director - Training & Placement

Dr. Saritha Chakrasali is at present the Head of the Department of Training & Placement, and also a professor in Department of Information Science & Engineering, BNMIT. She has obtained her bachelors from Bangalore University, India, masters from AAIDU, India and Ph. D from Madurai Kamraj University, India. She has 17 years of experience in Teaching and 11 years of experience in Research. To her credit, she has 18 publications in reputed International/ National journals and conferences. She had delivered a talk in a workshop on Basic & advanced algorithms conducted by ACE Hackers at Wipro digital, Bangalore. She was also a chairperson of the Technical session in International Conference on Fluid Dynamics and its Applications organized at BNMIT. Dr. Saritha Chakrasali has attended 24 workshops in BNMIT and various other reputed colleges and has organized various workshops and a conference at BNMIT. She is also a life member of ISTE and member of CSI. Her area of expertise is Image Processing. Presently, she is guiding one Ph.D student.

Staff Members:

Sl. No.	Name of Staff	Designation
1	Dr. Saritha Chakrasali	Head - Training & Placement
2	Sri Ravindra Nath Tiwari	Asst. Prof. - English
3	Sri Jayathirtha V G	Training & Placement Officer
4	Smt. Shashi Prabha Nagendra	Asst. Prof.- English

Training and Placement is an active centre throbbing with varied activities all through the year. The institute has all the necessary infrastructure and more for effective functioning of the department.

A highly organized and well appointed Placement Department is working with a fulltime Director which has rapport with all the HRD wings of the best employers offering highly lucrative packages in the multinational companies and relentlessly monitors the training programs to make our students most sought after.

Placements :

Campus Recruiters:

The Department of Training & Placement establishes contact with various industries to understand their job requirements and invites them for campus recruitment process every year. Almost a hundred percent of students are placed in very reputed companies each year. The package for the present batch varies between Rs. 3 lakhs and Rs. 18 lakhs per annum.

Training :

Training Methodology :

The Training methodology is consistent with the mission of the Institution as it contributes to society through innovative and quality education.

Training & Placement Department provides training in soft skills, communication and career planning is imparted to students in the first three years. Various programs are conducted for the recruits by the companies. Some of the programs are Infosys TQ Program, Cognizant early engagement programs, KPMG accounting program and so on. Also, students attend the industrial training in various companies like Cognizant, Danskee IT, Thomson Reuters, McAfee, One Direct and many more. BNMIT is ranked top in the colleges affiliated to VTU.

The training encompasses the following niche skills required for the overall development of students:

First Year

- Three week induction program focusing on Social awareness, Moral responsibilities, Role as an engineer.
- Regular Technical English Classes
- 5 days T5 program to boost self-confidence with weekly follow up classes
- Innovative Project Lab (Concept development, Demonstration & Competition)

Second Year

- Regular Business Communication Classes
- TW5 program for aptitude Training on Quantitative, Analytical & Logical Reasoning
- Innovative Project Lab (Concept development, Demonstration & Competition)

Third Year

- Technical Training on C, DBMS, OOPS, JAVA
- Industry Interaction Program
- Skill Development Programs
- Internships

Fourth Year

- Employability-Assessment
- Campus Drive Registrations
- Pre-Placement Programs
- Coding & Programming Competitions
- Industry Interface
- Campus Recruitment

Guidance for Higher Studies:

The Department of Training and Placement of the college provides guidance and all assistance required for the students to achieve their career goals. The department takes steps to identify the demands of the industry and prepares students towards their needs. Adequate emphasis is given for soft skill development complementing the regular academic programs.

The Department plans, monitors and implements career guidance services including counseling for higher studies across all branches involving the placement coordinators' team and trainers at the institution level.

The Training and Placement Department also extends career guidance support to students in terms of various job opportunities in Government and private sectors.

Department has also established a Career Guidance Cell in association with M/s Byjus. The Career Counselling Cell will help students in counseling & preparation for higher studies, profile building, which will enable them to seek admission in reputed Universities across the world. The expert team of Counsellors from BYJU'S, working in Education Space visit BNMIT twice a week and provide personalized, authentic and reliable guidance around the career path of students. Apart from guiding students to enroll in Indian and Foreign Universities, BYJU's will conduct CAT and GRE classes in the first Phase and GMAT and other competitive examination preparation courses in the second phase, for students who are required to register in advance.

An MOU has also been signed with The Princeton Review, USA which is represented in Bengaluru by Manya Education Pvt. Ltd. The MOU envisages Manya addressing students on the opportunities available in universities abroad, counseling them on all the options and training them in the college in clearing GRE, TOEFL and other competitive examinations. Subsequently, they guide them in applying for prestigious universities and getting admission for the same.

Classes for GRE and CAT is held on Monday's and Thursday's after the regular academic hours. Student's can avail this opportunity at a special discounted training fee.

Department Achievments

Placement details for the batch of 2016-20 B.E. students as on 16.03.2020

Departments	Selected					Total Placed
	CSE	ISE	ECE	EEE	ME	
Total Placed	132	56	119	31	11	349
No. of eligible students in B.E.	104	41	89	36	31	301

Class Rooms

All class rooms are well ventilated, spacious and conducive for learning. They are furnished with special dual seat desks with scientifically designed back rest for seating comfort and alertness in class.

Laboratories

All the laboratories at BNMIT have the best available equipments in India and outside, which are comparable to IIT's. These equipments are installed in efficiently designed work spaces in the labs which are spacious, well-lit and ventilated for the best possible practical knowledge acquisition.

Seminar Hall

Seminar Halls are fully equipped with audio video enabled DSDB receiver for beaming Edusat Programs, DTH E-learning Centre and Multimedia Projection systems for effective utilization in seminars, workshops, VTU E- learning and Nature Club activities etc. Each block has individual seminar halls which consists of Auditorium block seminar hall has the seating capacity of over 180, the Main building seminar hall has provision for 220 seats and New building seminar hall houses seating capacity of 110.

Auditorium

"Mathrushree Susheela Devi R. Maanay Auditorium" the pride of BNMIT is located in the fourth floor of the Auditorium Block. It has incorporated State of the Art technology in audio visuals, with a seating capacity of 850 seats. The auditorium was appreciated by Former President of India and Bharata Ratna, Dr. APJ Abdul Kalam as one of the best ever when he visited BNMIT, for the inauguration of Auditorium Block in 2013.

Sri. N. Raghunath Rao Maanay Library & Information Centre is presently housed in the Auditorium Building with an adequate space to run the Circulation & Digital Library Section on the Ground Floor, Reference & Technical Journals Section on the 3rd Floor and PG Library on the 1st Floor with a total seating capacity of 200 members at a time.

The total collection of the Library is over 72,072 Volumes (Includes UG Library & PG Library 46,911 ans 25,161 E-books) of reference and textbooks with 12,563 Titles. The Library & Information Centre subscribes over 88 Print Journals, covering of all branches of Engineering and Management Programme in addition to various e-Resource databases through VTU Consortium, Belagavi. Besides this, it has over 896 bound volumes, 2701 learning CD-ROMS, several Data Books and Project Reports.

The completely automated Library Management System has made it easy to all its activities through Bar-Code interface with an Web OPAC facility. The Digital Signature Pad is the unique one in its Circulation Section to obtain signature on every documents that are being issued to its members. All the documents have been classified as per AACR II of Dewey Decimal Classification (DDC) and systematically shelved on Open Access.

The modern Library and Information Centre provides uncompromising information and intellectual requirements to its students and faculty members with a user friendly approach. It offers a fully integrated and dynamic environment for conducting academic study. Multiple copies ensure that resources are easily available in Reference Section and Circulation Section as well. The Digital Library is set up by using open source Dspace Software to access the Institutional Repositories like e-books, e-journals, faculty publications, etc, by the students and members of staff. Besides, NPTEL (National Programme on Technology Enhanced Learning) facility is provided across the campus through the institute local network for unlimited access to Video Lecture and Web courses of eminent faculties from IISc and IIT are in Engineering and Science subjects. In addition to above, the students and the faculty members can access its peer contents, directly from NPTEL website.

The Library and Information Centre has the CMTI Library and IIM-B Library Membership enabling students and faculty members to refer to the other member of the libraries for additional information for their research/projects.

In order to cater to serve the wide range of information Information Centre has highly qualified, rich staff, comprising Professional members of staff to serve the students and faculty members.

Professional Staff Members

Sl. No.	Name of Staff	Designation
1	Dr. R.M.Putta Swamy	Chief Librarian
2	Sri. P. S. Manjunatha	Librarian

Vision

To be a premier Department for Education in Computer Science and Engineering in Karnataka State, moulding students into professional engineers.

Mission

- To provide teaching/ learning facilities in Computer Science and Engineering better than prescribed by University for easy adaptation to industry and higher learning
- Provide a platform for self learning to meet the challenges of changing technology and inculcate team spirit and leadership qualities to succeed in professional career
- Comprehend the societal needs and environmental concerns in the field of Computer Science

Objectives

After 2/3 years of graduation, the students will have the ability to:

- Analyze, design and solve problems related to Computer Science and Engineering and adapt to changes in technology by self learning
- Work effectively as individuals and in a team, exhibiting leadership qualities to meet the goals of a project or the organization
- Work with professionalism and concern for environment to meet the societal needs
- Engage in higher learning leading to degrees or certifications

About the Department:

Department of Computer Science & Engineering at BNMIT is renowned for imparting state of the art education and also carrying out cutting edge research. Department offers UG program, two PG programmes and has a research centre affiliated to Visvesvaraya Technological University Belagavi.Sponsored projects from VTU, DST-IISc and company incubated facilities has supported students and staff members to actively involve in research and project work.

About the Head of the Department:

Dr. Sahana D. Gowda
HoD - Department of CSE

Dr. Sahana D Gowda, Professor and Head, Department of Computer Science has a rich experience of 20-year with 1 year of industry experience and 19-year of research and teaching experience.

Professor Sahana obtained her Bachelor Degree from the Kuvempu University, Master Degree from the Bangalore University and PhD from the University of Mysore. She has 26 publications to her credit in reputed journals and conferences. Her area of expertise include Image Processing, Computer Vision, Machine Learning, Pattern Recognition and Data Science.

Under the guidance of Dr. Sahana, two scholars have acquired doctoral degree and presently she is guiding 3 scholars towards Ph.D. She was the Principal Investigator for projects funded by Visvesvaraya Technological University and Department of Science and Technology (DST), Indian Institute of Science. She is the Program Chair of International Conference on Signal and Image Processing (ICSIP 2014), Co-ordinator of Faculty Development Program sponsored by Visvesvaraya Technological University (VTU) – Vision Group on Science and Technology (VGST). She has received Star Achiever Award 2019 from Accenture, Bengaluru.

Courses offered:

- B.E. Degree in Computer Science & Engineering
- M.Tech. Degree in Computer Science & Engineering
- M.Tech. Degree in Computer Network Engineering.
- Ph. D

Professional Society Membership:

IEEE (USA), ACM (USA), Computer Society of India (CSI), Institution of Engineers, Indian Society for Technical Education.

Staff Members:

Sl. No.	Name of Staff	Qualification & Designation
1	**Dr. Sahana D. Gowda**	B.E., M.E., Ph.D., Professor & HOD
2	**Dr. Savitha G**	B.E., M.Tech., Ph.D., Associate Professor
3	**Dr. Niharika Kumar**	B.E., M.Tech., Ph.D., Associate Professor
4	**Dr. Sejal Santosh Nimbhorkar**	B.E., M.E., Ph.D., Associate Professor
5	**Smt. Jalaja G**	B.E., M.Tech., (Ph.D.), Associate Professor
6	**Dr. Sreevidya R C**	B.E., M.Tech., (Ph.D.), Asst. Professor
7	**Dr. Reshma J**	B.E., M.Tech., (Ph.D.), Asst. Professor
8	**Sri. Raghavendra C K**	B.E., M.Tech., (Ph.D.), Asst. Professor
9	**Smt. Kavita V Horadi**	B.E., M.Tech., (Ph.D.), Asst. Professor
10	**Smt. Sajitha N**	B.E., M.Tech., Asst. Professor
11	**Sri. Prashanth J**	B.E., M.Tech., Asst. Professor
12	**Smt. Prarthana T V**	B.E., M.Tech., Asst. Professor
13	**Smt. Manikantha K**	B.E., M.Tech., Asst. Professor
14	**Smt. Jebah Jaykumar**	B.E. M.E., Asst. Professor
15	**Smt. Priyanka S**	B.E., M.Tech., Asst. Professor
16	**Smt. Namitha S J**	B.E., M.Tech., Asst. Professor
17	**Smt. Pathanjali C**	B.E., M.Tech., Asst. Professor
18	**Smt. Asha K**	B.E., M.Tech., Asst. Professor
19	**Smt. Deepa Mahadev**	B.E., M.Tech., Asst. Professor
20	**Smt. Akshitha Katkeri**	B.E., M.Tech., Asst. Professor
21	**Smt. Ashwini**	B.E., M.Tech., (Ph.D.,) Asst. Professor
22	**Ms. Manjushree K**	B.E., M.Tech., Asst. Professor
23	**Smt. Pooja B S**	B.E., M.Tech., Asst. Professor
24	**Smt. Kavyashree K R**	B.E., M.Tech., Asst. Professor
25	**Smt. Chandravathana I**	B.E., M.E., Asst. Professor
26	**Smt. Sneha Raghavan T**	B.E., M.Tech., Asst. Professor
27	**Ms. Brinda**	B.E., M.Tech., (Ph.D.,) Asst. Professor
28	**Sri. Karthik S**	B.E., M.Tech., Asst. Professor
29	**Sri. Preetham B**	B.E., M.Tech., Asst. Professor
30	**Smt. Sreeja A K**	B.E., M.Tech., Asst. Professor
31	**Smt. Megha Yaligar**	B.E., M.Tech., Asst. Professor

Laboratory Information:

The department is well equipped with 8 laboratories. Laboratories are equipped with latest machines with high end configurations working in fully networked environment,.Each machine has full access to broadband internet highway. The labs have PCs with latest configurations running Windows as well as Linux. The laboratories are supported with softwares such as Oracle 9i, MS Visual Studio, MAT Lab, Microsoft word 2007, gcc compiler, g++ compiler, CC Compiler, Turbo C++ Compiler, Netbeans, Ubuntu, MySQL, Eclipse, Apache Web Server and JDK.

Data Structures Laboratory | Computer Programming Laboratory:

Data Structures laboratory course is intended to provide the foundations of the practical implementation and usage of Data Structures. This lab course strengthens the ability of the students to identify and apply suitable data structure for the given real world problem. Students are made familiar with C programming and its applications.

Computer programming laboratory course provides insight in to fundamentals of computers and applications. It also provides students an hands on experience on computer programming using different data structures.

Analog and Digital Electronics Laboratory:

Analog and Digital Electronics Laboratory is equipped with 19 computers of core2 duo processor with 4GB RAM,500GB hard disk drive and 5 computers of core 2duo processor with 1 GB RAM,160GB hard disk drive.

This lab is being used for conducting hardware and software experiments of analog and digital electronics lab by students of III semester. This course enables students to get practical experience in design, assembly and evaluation/testing of analog components and circuits.

DBMS Laboratory With Mini Project:

Data Base Management System laboratory course is mainly intended to provide practical understanding of the fundamentals of database management systems, techniques for the design of databases, and principles of database administration by developing and managing databases for various problems. The laboratory sessions provides practical experience on creation of queries, organization of records, data manipulation, and transaction management techniques

Analog and Digital Electronics Laboratory:

Design & Analysis of Algorithms Laboratory is being utilized by the students of IV semester for design and implementation of various algorithms in Java using appropriate design techniques (brute-force, greedy, dynamic programming etc). The laboratory sessions provides practical exposure on designing and analyzing algorithms and data structures for different kinds of problems.

Microprocessor and Micro controller Laboratory:

Microprocessor and Micro controller Laboratory is being utilized for conducting hardware and software experiments of microprocessor and micro controller lab course by students of IV semester.

The course is to provide exposure to the students on microprocessors, design and coding knowledge on 80X86 family/ARM. It also provides knowledge and practical exposure on connectivity and execution of interfacing devices with 8086/ARM kit like LED displays, keyboards, DAC/ADC and various other devices.

Computer Networks Laboratory:

Computer networks laboratory course provides students with hands on training regarding the design, troubleshooting, modeling and evaluation of computer networks. The course enables students to study and modify network topologies and setting appropriate parameters.

Upon completing the course,student will have experience in designing communication protocols and are exposed to TCP/IP protocol suite.

Computer Graphics Laboratory:

Computer Graphics laboratory course enables students to learn about 2D and 3D graphics for the development of graphic images and objects with several attributes like color models, concepts of lighting, shading, transformations of objects using basic mathematical representations available in OpenGL libraries and toolkits.

System software and Operating systems Laboratory:

System software and operating system laboratory course enables the students to learn Lexical analysis of compiler development and also operating system concepts like CPU scheduling algorithms, page replacement algorithms, deadlocks detection and avoidance algorithms.

Machine Learning Laboratory:

Machine Learning laboratory course provides insight in usage and analysis of datasets applying different machine learning techniques. The course also enables students to predict and classify things by the analysis of datasets.

Department Library:

The department maintains a Library for staff and students, which includes reference books, university question papers, seminar and project reports.

Web Programming Laboratory:

Web Programming Laboratory course is mainly intended to provide practical understanding of the fundamentals of web, techniques for the design of websites, uploading contents on the website and managing the contents on website. This course provides better understanding and usage of web related languages like HTML, CSS, Javascript, PHP, Perl etc.

Skill Development Program Laboratory:

Skill Development Program on Embedded Systems in Robotics(ROS) and MEAN Stack has been organized by Computer Science and Engineering Department in association with LeapxLab. The resource persons are Mr. Sachin Srivastava , CEO LeapxLab, Ms. Deepti Kulkarni and Ms. Deepti Agrawal senior consultant, LeapxLab .This programme provides an insight in to world of robotics programming where the students learn about the tools, services and utilities offered by ROS.It also provides hands-on experience on integrating ROS with most popular computer vision library-openCV.

MEAN stands for MONGODB Express.js AngularJS and Node.js. This program will cover HTML (HyperText Markup Language), CSS(Cascading Style Sheets), JavaScript, JSProject, TypeScript, AngularJS component, routing, binding, directives, services, NPM (Node Package Manager), Erouting, Middleware, HTTP (Hyper text Transfer Potocol) Methods, URL (Uniform Resource Locator) binding, MongoDB, CRUD (Create Read Update Delete) and Mini Project in 50hrs.

Project Laboratory | Innovative Project Laboratory | Online Course Laboratory:

The main objective of Project lab is to help the students develop ability to apply the engineering and technological concepts, tools and techniques to study and attempt to solve any engineering or system problem. Stress will be given on quality of training for development of professional competence.

Innovative project lab is mainly intended towards the implementation of innovative ideas of students and students who present the best innovative projects will be rewarded every semester at college level, department level and class level. Online course lab enables students to learn advances in engineering and technology through online courses.

Research and Development Laboratory:

Research & Development center of the department is recognized by VTU. Since its inception the center has good number of research scholars and guides conducting research activities. Undergraduate and post graduate students are encouraged to do project works suggested by professors. Students are able to formulate the problem statement, experience the strength of solutions by analyzing the input data and output results

Electronics & Communication Engineering

Vision

To be a renowned department for education in Electronics and Communication Engineering in Karnataka state, moulding students into professional engineers.

Mission

- To provide teaching – learning process in Electronics and Communication Engineering that will make students competitive and innovative to adapt to needs of industry and higher learning.
- To imbibe professional ethics, team spirit and leadership qualities to succeed in changing technological world.
- To inculcate empathy for societal needs and concern for environment in engineering design and practice.

Objectives

After 2/3 years of graduation, the students will have the ability to:

- Analyze, design and implement solutions in Electronics and Communication Engineering and adapt to changes in technology by self /continuous learning.
- Engage in higher learning and contribute to technological innovations.
- Work with professional ethics as an individual or as a team player to realize the goals of the project or the organization.
- Work with respect for societal values and concern for environment in implementing engineering solutions

About the Department:

The Department of Electronics and Communication Engineering, established in the year 2001, has a present intake of 120 students and staff student ratio of 1:16. It has well experienced and dedicated faculty with qualifications obtained from premier research institute like the Indian Institute of Science. The average experience of the faculty members is 15 years.Many of them possess a rich industrial experience from organizations like ITI, Mindtree, ISRO and Infosys. The faculty members execute integrated efforts to groom students in a good academic and research ambiance. Measures are also taken to develop students with abilities for life-long learning.

The propitious environment of the Institution has enabled most of its students to pass with distinction and to maintain high pass percentage. The placements have been excellent with several reputed companies like National Instruments, Mentor Graphics, TCS, Accenture etc, visiting us for campus recruitments. The outstanding performances have enabled a large number of students to acquire admissions in M.S degree programs in reputed international universities as well.

About the Head of the Department:

Dr. P. A. Vijaya
HoD - Department of ECE

Dr. P. A. Vijaya obtained BE degree from MCE Hassan, ME & Ph.D from IISc Bengaluru. She has 32 years of teaching experience with 112 publications in reputed International Journals & Conferences. Three research scholars have obtained Ph.D degree & one industry expert has obtained M.Sc Engg degree from VTU under her guidance. She is currently guiding 6 research scholars in the area of Pattern Recognition, Image Processing & Real Time Embedded Systems. She is a member of IEEE, ISTE & IACSIT. She has worked as BOE chairman, BOS & LIC member in VTU. She joined as Professor in the Department of ECE, BNMIT on 1.2.2013 and is heading the department since 23.1.2016. She has given more than 20 technical talks in conferences, workshops and FDPs and has chaired the technical sessions in more than 20 international conferences. She is a reviewer for reputed international journals.

Electronics & Communication Engineering

Courses offered:

- B.E. in Electronics and Communication Engineering
- M. Tech. in VLSI Design and Embedded systems
- Ph.D. broadly in the areas Sensors, Communication, Image Processing, Pattern Recognition, Real-time Embedded Systems and VLSI

Staff Members:

Sl. No.	Name of Staff	Qualification & Designation
1	**Dr. P A Vijaya**	B.E., M.E., Ph.D., Professor & HOD
2	**Dr. Veena S Chakravarthi**	B.E., M.E., Ph.D., Professor
3	**Dr. Yasha Jyothi M Shirur**	B.E., M.Tech., Ph.D., Professor
4	**Dr. Bindu S**	B.E., M.E., Ph.D., Professor
5	**Dr.Basavaraj I Neelgar**	B.E., M.Tech., Ph.D., Professor
6	**Dr. Jyoti R Munavalli**	B.E., M.Tech., Ph.D Associate Professor
7	**Dr. Subodh Kumar Panda**	A.M.I.E., M.Tech., Ph.D. Associate Professor
8	**Dr. Rekha P**	B.E., M.E., Ph.D., Associate Professor
9	**Dr. Bhuvana Suganthi D**	B.E., M.E., Ph.D., Asst. Professor
10	**Sri. N Shesha Prasad**	B.E., M.Tech, (Ph.D.), Associate Professor
11	**Smt. P Prabhavathi**	B.E., M.Sc., M.Tech., (Ph.D.), Associate Professor
12	**Smt. Sumathi A**	B.E., M,.Tech., (Ph.D.), Associate Professor
13	**Smt. Sujaya B L**	B.E., M.Tech., (Ph.D.), Asst. Professor
14	**Smt. Vrunda Kusanur**	B.E., M.Tech., (Ph.D.), Asst. Professor
15	**Smt. Rashmi S Bhaskar**	B.E., M.Tech., (Ph.D.), Asst. Professor
16	**Mrs. Ashwini S Savanth**	B.E., M.Tech., (Ph.D.), Asst. Professor
17	**Smt. Priya R Sankpal**	B.E., M.Tech., (Ph.D.), Asst. Professor
18	**Smt. Chaitra N**	B.E., M.Tech., (Ph.D.), Asst. Professor
19	**Sri. Kiran K N**	B.E., M.Tech., (Ph.D.), Asst. Professor
20	**Smt. Keerti Kulkarni**	B.E., M.Tech., Asst. Professor
21	**Smt. Anuradha V Rao**	B.E., M.Tech., Asst. Professor
22	**Smt. Priyadarshini K Desai**	B.E., M.Tech., Asst. Professor
23	**Smt. Anuradha J P**	B.E., M.S., [M.Sc., (Engg.,)] Asst. Professor
24	**Smt. Padmaja**	B.E., M.Tech., Asst. Professor
25	**Sri. Chandrashekar C**	B.E., M.Tech., Asst. Professor
26	**Smt. Lakshmi Bhaskar**	B.E., M.Tech., Asst. Professor
27	**Sri Kiran S M**	B.E., M.Tech., Asst. Professor
28	**Sri Sankalp Shyam Bailur**	B.E., M.S., Asst. Professor
29	**Sri Sudarshan**	B.E., M.Tech., Asst. Professor
30	**Sri Vyasaraj T**	B.E., M.Tech., Asst. Professor
31	**Smt. Shruthi N**	B.E., M.Tech., Asst. Professor

Laboratory Information:

Analog Electronics Laboratory:

Analog Electronics Lab provides an opportunity for students to conduct analog circuit experiments using discrete active and passive electronic devices. The lab is well equipped with regulated power supplies, signal generators, and analog & digital oscilloscopes. Student utilise this lab to perform and understand the characteristics of diodes, junction and field transistors. Students design, rig up and analyse the working of transistorised circuits such as amplifiers, oscillators and voltage regulators. Apart from the prescribed experiments, the lab provides an opportunity for students to perform additional experiments such as verification of simple network theorems and op-amp based circuits. Further, students use this lab to implement circuits for real world application.

Digital Electronics Laboratory:

Digital Electronics laboratory provides a fundamental platform to learn function and application of hardware components and ICs for different combinational and sequential digital circuits. The lab is well equipped with Digital IC trainer kits where students rig up circuits like adder, subtractor, multiplexers, decoders, flip flops, shift registers, counters and sequence generators and verify them. With the objective of providing simulation facilities for complex digital hardware, the laboratory is provided with TINA simulation software. Students utilise the laboratory for identification of different ICs. This laboratory provides a fundamental platform in a variety of Hardware Description Language, Microprocessors and Embedded Systems, Implementation of Digital Hardware using FPGA and CPLDs. Real life application projects using gate level circuits can be implemented in this laboratory.

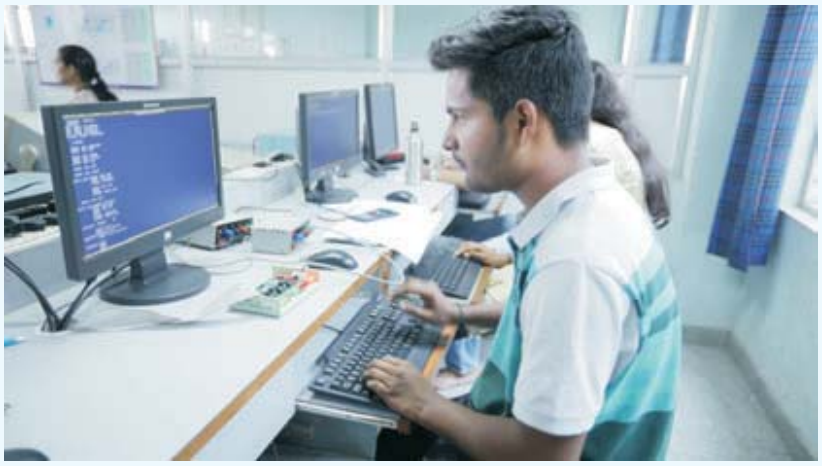
Microprocessor Laboratory:

Microprocessor laboratory facilitates students to develop assembly language programming skills for 8086. This has PCs loaded with MASM software, which is an assembler for 8086 programs. Students will write and execute 8086 assembly level programs to perform data transfer, arithmetic and logical operations, search elements in a given array, perform string transfer, string reversing, searching a character in a string and uses procedures and macros. Students will also be able to interface 8086 processor with various peripheral devices for different applications such as stepper motor control, DC motor control, ADC, DAC, LDR, Logic Controller, Keyboard and Seven segment displays. Experiments such as LCM/GCD/Square root etc. are executed beyond syllabus. Program and hardware can be developed using 8086 instructions for all real life application project.

Linear ICs and Communication Laboratory:

Linear ICs and Communication laboratory course enable students to design, demonstrate and analyse instrumentation amplifier, RC Phase shift and Wein bridge oscillators using Op-amp, Butterworth low pass and high pass filters, 4 bit R- 2R Op-Amp Digital to Analog Converter, Adder, Integrator and Differentiator using Op-Amp, Monostable and Astable Multivibrator using 555 Timer, Pulse sampling, flat top sampling and reconstruction, Amplitude modulation using transistor/FET, Frequency modulation using IC 8038/2206 and demodulation, BJT/FET Mixer, DSBSC generation using Balance Modulator IC 1496/1596 and Frequency synthesis using PLL The important facilities in this lab are Cathode Ray Oscilloscopes, Signal generators, Digital storage oscilloscopes, Op amp Tester, Dual Regulated power supply , Digital multi meter, Decade resistor box , Decade capacitor box , Decade inductor box , LCR Meter & Digital Ammeters. Students can conduct experiments on Schmitt trigger and Comparator which are beyond syllabus. Further sensor based experiments can be conducted for real application projects.

DSP Laboratory:



Digital Signal Processing (DSP) Lab has Texas Instruments DSP kits for carrying out various signal processing experiments. The major software facilities include MATLAB and Code Composer Studio. Students execute various programs such as verification of sampling theorem, linear and circular convolution , auto and cross correlation, solving a given difference equation, computation of N point DFT, verification of DFT properties, IIR filter, DFT computation of square pulse and Sinc function etc. using MATLAB and in hardware. In addition to the above mentioned experiments, students will also conduct experiments to learn beyond the scope of university syllabus. Some of these experiments include the design of FIR and IIR filters for removing noise from real time signals, developing GUI in MATLAB for filters and other applications, analysing the spectral characteristics of speech signal using FFT, Speech recording and impact of sampling frequency on the signal.

HDL Laboratory:

Hardware Description Language (HDL) lab is equipped with Xilinx ISE 12.1 version for Simulation and FPGA synthesis software along with Universal multi vendor development kit with Spartan 6 – TQG144 daughter board. This lab is fully equipped and uses FPGA boards to interface peripheral hardware such as DC motor, Stepper motor, Hex Key pad, LCD, Seven segment displays and DAC. Basically the lab is meant to synthesise, simulate and implement Verilog and VHDL modules using different modelling styles for various combinational and sequential circuits. Further, Digital IP design and verification can also be done using the equipment. Actual chip details such as area, power and timing can be estimated with floor-plan and routing on the existing FPGA. Further, extended activities like real time sensing of data that can be converted to digital format can be processed with the available facilities. Real time controlling of engines and motors can be designed and tested. Digital signal processing algorithms can be modelled.

Embedded Controller Laboratory:

Embedded Controller Lab aims to learn the software tool required for programming using Embedded C, interface external devices and I/O with ARM Cortex M3(LPC1768) and use the assembly instruction set for programming ARM Cortex M3 (LPC1768). This lab is fully equipped with efficient computer system,with Keil μVision IDE, Flash Magic tool, ARM CORTEX M3 based Evaluation boards, Power Supplies, USB cables and interfacing of I/O modules. Students conduct hardware and software experiments on Relay, Buzzer, LED, LCD, Stepper motor control, DC motor control, DAC, ADC, temperature controller, UART, 7-segment LED. PWM with varying duty cycle using ARM Cortex M3. This lab can be utilised for developing real life application projects like air quality monitoring and automated temperature control system etc. Experiments like generation of staircase, saw tooth waveform using DAC conducted, are beyond the syllabus.

Computer Networks Laboratory:

Computer Networks laboratory offers an integrated educational process in the field of information and communication technologies emphasising the issue of computer networks, their design, administration and management. Computer Networks laboratory is equipped with high-end systems to cater the needs of networking software. Visualisation of topologies in wired LAN and wireless LAN for evaluating the performance of networking protocols using network simulators like NS2 helps the students to get exposure to real time topologies. Algorithms are also studied by simulating the algorithms in C/C++ language. Apart from the curriculum experiments additional algorithms, Rlogin, Telnet and socket programming have been implemented by students to enhance their knowledge in networks. With these facilities, it is possible to develop projects by undergraduate and postgraduate students in networking to measure the performance of real time networks.

Advanced Communication Laboratory:

The Advanced Communication Laboratory provides an opportunity for students to the design and verify the concepts of modern digital communication systems that operate frequency from MHz-GHz range. The lab includes experiments on applications of Digital coding and modulation techniques such as TDM of two band limited signals, ASK, FSK, PSK, DPSK, QPSK generation and detection, PCM generation and detection using a CODEC Chip, Fibre Optic Communication, Characteristics of microwave wave guide components and study of various Microstrip components and Microstrip antenna characteristics. The Microwave test benches are used to conduct experiments in GHz frequency range. An Optical Fibre kit is used to demonstrate communication and multiplexing through light waves to understand the various optical fibre losses that occur in real time. Apart from the prescribed experiments, the lab provides an opportunity to perform additional experiments on Microwave test benches to understand working of Directional couplers, Magic Tee etc.

VLSI Laboratory:

VLSI Lab is equipped with the industry standard EDA tool (UG & PG Bundle) from Cadence Design system. Students will explore the CAD tool and understand the flow of the Full Custom IC design cycle. Both analog and digital circuits designs are implemented in this Lab. Design of digital circuits, such as Inverter, Buffer, Transmission Gate, Flip flop, Serial & Parallel adder, counters and Successive Approximation Register are simulated. Verification using NC Sim tool, is carried out. DRC, LVS and Parasitic Extraction are carried out using cadence tools for analog design such as inverter, CS and CD amplifier, Op-Amp, R-2R DAC. The Pre layout and Post layout simulation are performed under virtuoso environment, tool -Assura supports the design rule check, layout versus schematic check and extraction of parasitic which are required for post layout simulation. The mixed signal simulations are performed using AMS Designer.

Department Library:

The department maintains a Library for staff and students, which includes reference books, university question papers, seminar and project reports.

Department Library:

The department has a well equipped audio-visual classrooms consisting of a computer with LCD, OHP and other teaching software. With E-Shikshana, the college is now well equipped for e-classes.

Vision

To be a premier department of learning in Information Science and Engineering in the state of Karnataka, moulding students into professional Engineers.

Mission

- Provide teaching-learning process that develops core competencies in Information Science and Engineering to meet the needs of the industry and higher education.
- Create an environment for innovative thinking and self-learning to address the challenges of changing technology.
- Provide an environment to build team spirit and leadership qualities to succeed in professional career.
- Empathize with the societal needs and environmental concerns in Information Science and Engineering practices.

Objectives

After 2/3 years of graduation, the graduates will have the ability to:

- Analyse, design and implement solutions in the field of Information Science and Engineering and adapt to changes in technology by self-learning.
- Work effectively as an individual and in a team, exhibiting leadership qualities to meet the goals of the organization.
- Keep abreast with the technology and pursue higher education.
- Work with professionalism to meet societal needs along with concern for environment.

About the Department:

The Department of Information science and Engineering was established in the year 2001 with an intake of 60. The department has qualified and dedicated faculty members to provide quality education to students. The department is accredited by NBA in 2017 for a period of 3 years from the academic year 2017-18 to 2020-21. The department has state of art infrastructure to support research and mould students into professionals. Students are moulded with multi-dimensional skill sets for their holistic growth. The department regularly organizes skill development programs, workshops, technical talks and industry visits to keep the students abreast with technology.

About the Head of the Department:

Dr. Shashikala
HoD - Department of ISE

Dr. Shashikala, Professor and Head, Department of Information science has a rich experience of 23 years with 7 year of industry experience and 16 years of research and teaching experience.

Prof. Shashikala obtained her PhD from VTU. She has about 14 publications to her credit in reputed national and International journals and conferences. Professor's papers are citied by many eminent research scholars and professor has H-Index and I10-index value of 1. Professor area of interest includes Protocol design for network, Network Security and Data Analysis, IoT.

Courses offered:

- B.E. Degree in Information Science and Engineering

Professional Society Membership:

MISTE: Member of Indian Society for Technical Education,

CSI: Computer Society of India,

MIAE: Member of International Association of Engineers.

Staff Members:

Sl. No.	Name of Staff	Qualification & Designation
1	**Dr. Shashikala**	B.E., M.Tech., Ph.D., Professor & HOD
2	**Dr. Y C Kiran**	BE., M.Tech., Ph.D., Professor
3	**Dr. Vimuktha Evangeleen Salis**	B.Sc., M.S., Ph.D., Associate Professor
4	**Smt. S Sri Vidhya**	B.Tech., M.Tech., (Ph.D.), Asst. Professor
5	**Smt. Jagruthi H**	B.E., M.Tech., Asst. Professor
6	**Ms. Harini S.**	B.E., M.Tech., Asst. Professor

Sl. No.	Name of Staff	Qualification & Designation
7	**Sri. Vijay Kumar S**	B.E., M.Tech., Asst. Professor
8	**Sri. Manjunath G S**	B.E., M.Tech., Asst. Professor
9	**Smt. Madhura Prakash M**	B.E., M.Tech., Asst. Professor
10	**Smt. Yashaswini H M**	B.E., M.Tech., Asst. Professor
11	**Smt. Usha**	B.E., M.Tech., Asst. Professor

Laboratory Information:

The department is well equipped with 6 laboratories. Laboratories are equipped with the latest machines with high-end configurations working in a fully networked environment, using client-server architecture. Each machine has full access to broadband internet highway. It provides an excellent learning platform for both student and researcher staff alike. Students have exclusive one-to-one computing facilities through well-furnished separate Labs. The labs have 124 PCs with the latest configurations running Windows as well as Linux. The laboratories are supported with software such as Oracle 9i, MS Visual Studio, MAT Lab, Microsoft word 2007, gcc compiler, g++ compiler, CC Compiler, Turbo C++ Compiler, Netbeans, Ubuntu, MySQL, Eclipse, Apache Web Server and JDK.

Data Structures Laboratory:

Data Structures and Applications Lab provides in depth knowledge about different data structures that is used to store the data such as stacks, queues, linked list, trees etc. The programs helping students in understanding working of various data structures studied in theory syllabus.The study experiment helped in understanding the need and working of Data Structures used in the real-time applications.

Analog and Digital Electronics Laboratory:

Analog and Digital Electronics laboratory enhances hands on experience of the students to design different electronic circuits with bread boards and with different active & passive components. The hardware experiments conducted in the lab includes implementation of various digital and analog circuits. The components used in the lab for the conduction of hardware experiments are Digital Trainer Kit, Cathode ray oscilloscope (CRO), Variable power generator, function generator etc.

The software experiments are the simulation of various digital and analog circuits using Verilog or VHDL language. The software used to simulate digital circuits is Xilinx IDE and analog circuits are Pspice simulator.

Design & Analysis of Algorithms Laboratory:

The objective of this lab is to build a solid foundation in algorithms and their applications. Students will learn several fundamental principles of algorithm design, complexity analysis of Algorithms, followed by problems on Graph Theory and Sorting methods.This Lab enables students to understand the various types of algorithms, analyze the level of complexity in choosing and applying algorithms for the problems to create a real time application. The study experiment helped in understanding the need and working of algorithms used in the real-time applications.

Microprocessor and Microcontroller Laboratory:

The objective of Microprocessor and Microcontroller Laboratory is to design, develop and execute the assembly language programs written using 8086 instruction set and ARM 7 instruction sets. The programs developed using 8086 instruction set are executed using MASM (Microsoft Assembler) software and ARM related programs using KEIL software. The experiments related to 8086 microprocessor of the lab includes interfacing various external kits such as Logical controller interface, 7-segment display interface, stepper motor interfaces and Digital to Analog Convertor (DAC) interface. The hardware experiments related to ARM -7 microcontroller of the lab includes interfacing various external kits such as liquid crystal display (LCD), stepper motor interfaces and power saving system.

DBMS Laboratory With Mini Project:

The objective of this course is to develop the ability to design, implement and manipulate databases as well as to build Database management systems. This course provides an introduction to systematic database design approaches covering conceptual design, logical design and an overview of physical design. This course consists of a total of 5 experiments that help students to understand the information taught in theory classes. The SQL query execution made them to understand the concepts of set operations, relational algebra, data manipulation, view. The laboratory sessions provide information about introduction to DBMS lab, creation of queries, organization of records, data manipulation, and transaction management techniques.

The course includes a Mini Project, which helps to apply various SQL operations and techniques on the database like concurrency control, relational algebra, views, normalization and transaction processing, etc.

Computer Networks Laboratory :

Computer networks form an integral part of a computer science and engineering graduate, they learn different types of network topologies, management commands, OSI model, various protocols and their implementation. In this lab, students demonstrate the operation of networks and its management commands using network simulation tool i.e, NS2. They also find the performance of GSM and CDMA wireless networks. In this lab they implement the Data Link Layer and Transport Layer protocol.

Software Testing Laboratory:

Software testing is the process of evaluating the quality of a software product or a service under test. In this lab for the given problem, the students design, execute and test the actual output with the expected output for the given set of inputs. Students learn to apply various types of testing techniques such as boundary value analysis, equivalence class partitioning, decision table testing, data flow testing and path testing. The students learn to do manual testing as per the given requirements.

Machine Learning Laboratory:

Machine learning lab includes the implementation of various machine learning algorithms like supervised, unsupervised and reinforcement learning. The objective of this lab is to give an insight on how to train the machine using various algorithms that they learn in the theory. They also learned how to find the relevant datasets and how to use them in their program. The supervised learning algorithms like Find-S, Candidate key elimination, Decision tree learning, Back propagation neural networks, Baye's classification algorithms were implemented using Python. The course also includes the implementation clustering algorithms like EM algorithm, K-means, KNN and Locally Weighted Regression algorithm using python.

File Structures Laboratory:

The objectives of the Lab are to understand the principles and main techniques of file structure design and implement the main techniques of file structure design within a file system such as Sequential file B-tree, B+-tree, Hashing. This course consists of 8 experiments which help students to understand information taught in theory classes. Fixed Length, Variable Length, RRN programs help the students to understand the Field and record organization and record access in a better way. The course includes a Mini Project, which helps to apply various File Organization techniques like Simple Indexing, Secondary Indexing, B tree, B + Tree, Hashing with collision resolution, Transaction management or similar applications not limited to these.

Web Programming Laboratory:

The objective of this lab is to design web pages using markup languages like XHTML, CSS, PHP, and MySql. It mainly concentrates on the development of webpages. The lab also concentrates on backend designing of web pages by using server-side scripting, PHP and database MySql. The programs for front end development and back end development are executed on Ubuntu operating system. The mini-project implementation and demonstration will be carried out in the lab by a team of two or three students by using the languages and tools of their preferences.

Project Laboratory:

There is the main project, in the 8th semester to enhance the technical caliber of students. Students are made familiar with their projects. A dedicated unique Project Lab is designed to give the students the best of facility and exposure to take up their projects to complete their degree requirements. Projects related to societal, cutting edge and research areas are currently being pursued by students.

Department Library:

The department maintains a Library for staff and students, which includes reference books, university question papers, seminar and project reports.

Electrical & Electronics Engineering

Vision

To be a premier department for education in Electrical & Electronics Engineering in Karnataka State, moulding students into professional Engineers.

Mission

- To provide teaching/learning facilities in Electrical & Electronics Engineering for easy adaptation to industry and higher learning.
- Provide environment for self-learning to meet the challenges of changing technology and inculcate team spirit and leadership qualities to succeed in professional career.
- Empathize with the societal needs and environmental concerns in Electrical & Electronics engineering practices.

Objectives

After 2/3 years of graduation the student will have the ability to:

- Analyze, design and propose solutions in the field of Electrical and Electronics Engineering and adapt to changes in technology by self-learning.
- Work effectively as individuals and exhibit leadership qualities in a team to meet the goals of the program of the organization.
- Work with professionalism and concern for environment to meet the societal needs.
- Excel in professional career by acquiring higher education.

About the Department:

Ever since its inception in the year 2002, the Electrical and Electronics Department of BNMIT has got a respectable name, both in the state and the region. The Department of Electrical and Electronics Engineering offers an undergraduate program in Electrical and Electronics Engineering and Postgraduate Course in Computer Applications in Industrial Drives.

The faculties of Electrical and Electronics Engineering are highly acclaimed individuals with the skill set, covering wide areas of industrial and applied research. They ensure that the courses foster deep learning and increased engagement amongst the students. Such commitment from our fraternity, not only gives our graduates an edge in deciding the right career path but also guarantees that by the time they graduate with a degree, they will have vast hands-on, real-world experience in Electrical and Electronics Engineering.

About the Head of the Department:

Dr. R. V. Parimala
HoD - Department of EEE

Dr. R. V. Parimala is currently Head of the Department of Electrical and Electronics Engineering, BNMIT. She has obtained her bachelors from Sri Jayachamarajendra College of Engineering, Mysore University, M.E (Power Systems) from National Institute of Engineering, Mysore University & Ph.D. (Distribution Automation) from VTU, Belagavi. She has 29 years of teaching experience with 17 publications in reputed International Journals & Conferences Her area of expertise includes Power System, Control System, Artificial Intelligence/Soft Computing, Electrical Machines, Power Quality, etc. Presently, she is guiding two Ph.D. students.

She has won the Best research paper award for the technical paper "Optimal switching operation using knowledge-based colored Petri net", presented in International Conference held at IET Chennai.She has worked as a Principal Investigator and has successfully completed the funded project from CPRI under RSOP in 2010 involving INR 9.5 lakhs.

Electrical & Electronics Engineering

Courses offered:

- B.E in Electrical and Electronics Engineering (60 Intake)
- Ph.D. broadly in the areas of Power Systems, Power Quality, Power Electronics, and High Voltage

Staff Members:

Sl. No.	Name of Staff	Qualification & Designation
1	**Dr. R V Parimala**	B.E., M.Tech., Ph.D. Prof. & HOD
2	**Dr. Muralidhara V**	B.E., M.E., Ph.D., Professor
3	**Dr. Sudalai Shunmugam**	B.E., M.E., Ph.D., Associate Professor
4	**Dr. K Venkatesha**	B.E., M.E., Ph.D., Associate Professor
5	**Dr. Priyashree S**	B.E., M.E., (Ph.D.), Associate Professor
6	**Sri. A Kumar**	B.E., M.S., M.Sc.Engg. (Ph.D), Associate Professor
7	**Smt. Shubha Rao K**	B.E., M.Tech., (Ph.D.), Associate Professor

Sl. No.	Name of Staff	Qualification & Designation
8	**Smt. Madhu S**	B.E., M.E., (Ph.D.), Asst. Professor
9	**Smt. Ashwini A**	B.E., M.Tech., Asst. Professor
10	**Ms. Kruthi Jayaram**	B.E., M.Tech., Asst. Professor
11	**Smt. Champa P N**	B.E., M.Tech., Asst. Professor
12	**Smt. K Vasudha**	B.Tech., M.Tech., Asst. Professor
13	**Sri. Sujith T**	B.Tech., M.E., Asst. Professor
14	**Smt. Raksha S**	B.E., M.Tech., Asst. Professor

Laboratory Information:

The department is well equipped with the required facilities for conduction of experiments and pursuing research work. More emphasis is being given to the effective, elaborate and rigorous laboratory classes to reinforce the theoretical knowledge gained during theory classes. At present, the following laboratories have been established in the department.

Electrical Machines Laboratory I:

This laboratory course deals with the conduction of different tests on transformers and synchronous machines. This laboratory helps the students to gain practical knowledge about the working & performance of transformers and synchronous machines. It also helps the students in identifying the rating of ammeters, voltmeters & wattmeters required for measurement of electrical parameters during the conduction of experiments.

Electronics Laboratory:

The experiment conducted in the Electronics lab includes the design and implementation of various digital and analog circuits. The types of equipment used in the lab for the conduction of experiments are Digital Trainer Kit, Cathode ray oscilloscope (CRO), Regulated Power supplies, function generators, Transistors, and Digital ICs, etc. The experiments are conducted to analyze the performance of diode rectifies, amplifies, oscillators, Digital combinational and sequential circuits. It will help the students to gain practical knowledge about the concepts that they study theoretically.

Electrical Machines Laboratory II:

This laboratory course deals with the conduction of different experiments on motors, which helps to study and evaluate their performance. The student will perform experiments on DC motors to determine their characteristics, control the speed of dc motor, and predetermine the performance characteristics of dc machines. The experiments conducted on Induction motor includes load test on single-phase and three-phase induction motor to determine the performance characteristics, no-load & blocked rotor test to predetermine the performance characteristics. This laboratory will help the students to gain practical knowledge of Motors and analyze their performance.

Microcontroller Laboratory:

Microcontroller Laboratory course is intended to provide knowledge on the embedded platform using microcontroller 8051. The lab programs are planned to provide knowledge on programming microcontroller starting from the basics. The lab course also involves developing an embedded application for stepper motor controls, DC motor controls and waveform generation, ADC interface, Elevator interface. The student will learn Embedded-C for applications and will also be burning the programs to the microcontroller using appropriate tools. The lab course enables the students to use the 8051 IDE called Keil software and Flash Magic software.

OP-AMPs and Linear ICs Laboratory:

OP-AMPs and Linear ICs Laboratory deals with design and implementation of various and electronic circuits using op-amps and Linear ICs. During this laboratory course, the student will design & conduct an experiment to verify various linear and non-linear applications of the op-amp. In addition, they will be exposed to applications of other linear ICs such as Timer 555 and voltage regulator using 78,79 series.

Power Electronics Laboratory:

Power Electronics course in intended to provide knowledge on power semiconductor devices and power converters. All the experiments are hardware experiments that can be categorized into three sections. The first section of experiments is to obtain the characteristics of semiconductor devices, the second section is to test the driver circuit for rectifiers and the third section experiments are related to applications of power converters for speed control of motors. This laboratory will help the students to gain knowledge on power converters and its applications to electric drives.

Control System Laboratory:

Control System Laboratory course is intended to provide knowledge on analysis of control system performances for a given specification. The lab course consists of both hardware and software methods for analyzing the performance and stability of a system. The Hardware experiments consist of design of Lead, Lag, and Lag – Lead compensators for given specifications, Determination of the performance characteristics of ac and dc servomotors and synchro-transmitter receiver pair used in control systems. The software programs are implemented using MatLab 2018b Full Suit. The programs comprise of Simulation of DC position control, Effect of the system with P, PI, PD and PID controller for a step input. The student will also learn to write script files to plot Root locus, Bode plot, Nyquist plots to study the stability of the system.

Power System Simulation Laboratory:

The Power System Simulation Laboratory is conducted during the 7th semester in BE course. In this course, students learn to conduct various studies of power system by simulating the problem through coding using MATLAB and MiPower software. The various power system studies that are conducted and studied using MATLAB are the formation of Y-Bus, Z-Bus, load flow analysis and study of the performance of transmission lines. The studies that are conducted using MiPower simulation software are load flow analysis, short circuit analysis and optimization studies in Graphical User Interface environment. The students will be able to learn program coding for all these problems of power system studies.

Power Electronics Laboratory:

Power Electronics course in intended to provide knowledge on power semiconductor devices and power converters. All the experiments are hardware experiments that can be categorized into three sections. The first section of experiments is to obtain the characteristics of semiconductor devices, the second section is to test the driver circuit for rectifiers and the third section experiments are related to applications of power converters for speed control of motors. This laboratory will help the students to gain knowledge on power converters and its applications to electric drives.

Research & Development Laboratory:

The R & D center has a well equipped Research Laboratory. Power Quality Analyzer, PW3198 Hioki Model is used to perform Harmonic analysis [upto 50th order] on power electronic converter circuits. Digital Storage Oscilloscope Yokogawa, 200MHz is available in R&D center to check the high-frequency control pulses. The R&D center is equipped with all measuring devices, electronic components, FPGA real-time controller kits and PC's to work effectively and to do better R&D work by the faculty members.

Digital Signal Processing Laboratory:

Digital signal processing laboratory helps the students to understand, analyze and design the techniques that provide the core knowledge as required for any DSP engineers. The laboratory has Licensed MATLAB 2018a Software with many Toolboxes under Simulink platform. Students can simulate experiments in MATLAB to:

- Interpret sampling theorem in time and frequency domain. Determine the response of an LTI system using Linear and Circular convolution. Determine the response of an LTI system using Linear and Circular Convolution.
- Compute DFT and IDFT of a given sequence using FFT. Obtain a solution for a given difference equation.
- Design IIR & FIR filters. Implement FIR filter using a DSP kit. Programming of the DSP chip is done in C language using the Code Composer Studio integrated development environment. The laboratory also aims at supporting the teaching and research activities in the area of DSP.

Power System Simulation Laboratory:

The Power System Simulation Laboratory is conducted during the 7th semester in BE course. In this course, students learn to conduct various studies of power system by simulating the problem through coding using MATLAB and MiPower software. The various power system studies that are conducted and studied using MATLAB are the formation of Y-Bus, Z-Bus, load flow analysis and study of the performance of transmission lines. The studies that are conducted using MiPower simulation software are load flow analysis, short circuit analysis and optimization studies in Graphical User Interface environment. The students will be able to learn program coding for all these problems of power system studies.

Research & Development Laboratory:

The department maintains a Library for staff and students, which includes reference books, university question papers, seminar and project reports.

Teaching Learning:

The department has a well equipped audio-visual classrooms consisting of a computer with LCD, OHP and other teaching software. With E-Shikshana, the college is now well equipped for e-classes.

Digital Signal Processing Laboratory:

Digital signal processing laboratory helps the students to understand, analyze and design the techniques that provide the core knowledge as required for any DSP engineers. The laboratory has Licensed MATLAB 2018a Software with many Toolboxes under Simulink platform. Students can simulate experiments in MATLAB to:

Interpret sampling theorem in time and frequency domain.

Determine the response of an LTI system using Linear and Circular convolution.

Determine the response of an LTI system using Linear and Circular Convolution.

Compute DFT and IDFT of a given sequence using FFT.

Obtain a solution for a given difference equation.

Design IIR & FIR filters.

Relay and High Voltage Laboratory:

High Voltage laboratory is one of the established laboratories of Electrical & Electronics Engineering Department with a maximum voltage rating of 100kV. The laboratory is equipped with various relays and high voltage equipment. The experiments are carried out as per the VTU prescribed syllabus that includes:

Determine DMT & IDMT characteristics of Electromechanical based Over current, Over Voltage and Differential Relay

Determine DMT and IDMT characteristics of Microprocessor based Over current, Overvoltage, Under voltage and Negative sequence relays.

Differentiate the breakdown voltage for uniform and non-uniform electrodes with both HVAC and HVDC system.

Calculate capacitance based on field mapping using electrolytic tank.

In addition to university prescribed experiment. An additional experiment is conducted to give better learning experience to students. This laboratory can also be extensively engaged in research and development work in the areas of breakdown phenomenon in insulating media, withstand voltage in different types of air gaps, surface flashover studies on equipment and also electrical interference studies due to discharges from the equipment operating on high voltages. This lab familiarizes the principles of HV generation and measurements.

This lab also provides test facilities for testing high voltage equipment as per various international standards to electric utilities and industries.

Control System Laboratory:

Control System Laboratory course is intended to provide knowledge on analysis of control system performances for a given specification. The lab course consists of both hardware and software methods for analyzing the performance and stability of a system. The Hardware experiments consist of design of Lead, Lag, and Lag – Lead compensators for given specifications, Determination of the performance characteristics of ac and dc servomotors and synchro-transmitter receiver pair used in control systems. The software programs are implemented using MatLab 2018b Full Suit. The programs comprise of Simulation of DC position control, Effect of the system with P, PI, PD and PID controller for a step input. The student will also learn to write script files to plot Root locus, Bode plot, Nyquist plots to study the stability of the system.

Vision

To be a premier department for education in Mechanical engineering in the country, that moulds students into professional engineers.

Mission

- To provide a teaching-learning process that prepares engineers to meet the needs of industry and higher learning.
- Provide environment for self learning to meet the challenges of changing technology and inculcate team spirit and leadership qualities to succeed in professional career.
- To instill professional ethics and concern for environment for the benefit of society.

Objectives

After 2/3 years of graduation, the students of Mechanical Engineering department shall have ability to:

- 1. Apply principles of mathematics, science and Mechanical engineering to design Mechanical systems and applications in industry.
- 2. Apply knowledge of Mechanical engineering to solve problems of social relevance with concern for environment.
- 3. Work with professional ethics as individuals and as team members in multidisciplinary projects demonstrating creativity and leadership.

About the Department:

The Mechanical Engineering branch was started in the academic year 2011-2012. The Department has a team of well qualified members of staff, with a blend of industrial and academic experience. The Faculty Members with Master's and Doctorate degrees, having specialization in machine design, thermal engineering, product design and maintenance engineering are involved in academic and research activities.

The Department is committed to provide the students, technical expertise in theoretical, computational and practical methods to analyse, solve and meet challenges in 'Mechanical Engineering Field'. Towards achieving this goal, the Department is fully equipped with the required facilities for effective delivery of lectures, full fledged computational and laboratory facilities. A committed team of well qualified teaching and well trained supporting staff are involved in the delivery of theory and laboratory classes.

Apart from class room teaching, students are encouraged to carry out simple projects to get hands on training on what they learn in theory subjects. Industrial visits and guest lectures by experts of repute from industries/academia are arranged on regular basis.

About the Head of the Department:

Dr. Mukesh Patil
HoD - Department of ME

The department is headed by Dr. Mukesh Patil. He has a teaching experience of 16-year in the field of Mechanical engineering. He obtained his B.E. degree from Mysore University. He is a Gold Medalist in M.Tech from VTU, Belagavi. He obtained his Ph.D. from VTU, Belagavi in Thermal Engineering under the guidance of Dr.K.N.Seetharamu and Dr.Pradeep G. Hegde. He is actively involved in research activities in the field of Thermal Engineering. He has published 04 research papers in international journals and has presented papers in 02 international conferences. His areas of interest include thermodynamics, heat transfer, porous materials, fluidics and energy engineering.

Courses offered:

- B.E. Degree in Mechanical Engineering

Professional Society Membership:

ISTE, ISTAM, FMFP

Staff Members:

Sl. No.	Name of Staff	Qualification & Designation
1	**Dr. Mukesh Patil**	B.E., M.Tech., Ph.D., Professor & HOD
2	**Prof. C R Panduranga Gupta**	M.E., MISTE., Professor and Vice Principal
3	**Dr. B S Anil Kumar**	B.E., M.Tech., Ph.D., Professor
4	**Dr. D Shivalingappa**	B.Tech., M.E., Ph.D., Professor
5	**Dr. Raghavendra N**	B.E., M.Tech., (Ph.D.), Associate Professor
6	**Dr. Saravanan V**	B.E., M.E., (Ph.D.), Associate. Professor
7	**Sri. Madhu P**	B.E., M.Tech., (Ph.D.), Asst. Professor
8	**Sri. Mahendra Kumar C**	B.E., M.Tech., (Ph.D.), Asst. Professor
9	**Sri. Harish**	B.E., M.E., (Ph.D.), Asst. Professor
10	**Sri. Kumaraswamy H S**	B.E., M.Tech., (Ph.D.), Asst. Professor
11	**Sri.Vishnu P**	B.E., M.Tech., Asst. Professor
12	**Sri. Hemanth Kumar C**	B.E., M.Tech., (Ph.D.),Asst. Professor
13	**Sri.Veeresh Bhusnur**	B.Tech., M.Tech.,(Ph.D.), Asst. Professor
14	**Sri Karthik S R**	B.E., M.Tech., Asst. Professor
15	**Smt. Shwethashree B**	B.E., M.Tech., (Ph.D.),Asst. Professor
16	**Sri. Bapu Gowda C M**	B.E., M.Tech., (Ph.D.),Asst. Professor

Laboratory Information:

The department is fully equipped with the required facilities for effective delivery of lectures, state of the art computational facilities and laboratory facilities. More emphasis is being given to practical classes through effective, elaborate and rigorous laboratory classes to reinforce the theoretical knowledge gained during theory classes. At present the following laboratories have been established in the department.

Engineering Graphics Laboratory:

This subject focuses on the fundamentals of engineering graphics and technology. Since drawing is the language of communication for engineers and has application in all branches of engineering, students of all branches have to undergo this course. In order to expose students to current industrial practices, students are trained on CAD software Solid Edge ST 6 to practice 2D drafting. The lab is well equipped with 48 high end computer systems for the students to practice and LCD projector facilities for the delivery of lectures.

Basic Workshop Practice Laboratory:

The basic workshop practice helps students to understand the basic skills required for fitting and welding. Since all engineers must not only know how to design products but also have a basic knowledge of how to make them, first year students of all engineering branches are made to undergo workshop practice. Students use various measuring instruments and tools to perform fitting and welding exercises. The lab also has drilling and grinding machines along with carpentry and sheet metal tools to help students better understand workshop practice.

Foundry and Forging Laboratory:

In foundry, the students are guided in preparing the mould cavities using foundry sand . This section is also has the facilities to test the moulding sand properties like grain fineness test, moisture content test, mould hardness, core hardness test, etc. using well equipped instruments. The Foundry & Forging laboratory being smoke free (unique of its kind) is furnished with setup's of LPG fired furnace for performing forging models and is also equipped with foundry sand testing apparatus with proper ventilation, space and sufficient lighting.

Computer Aided Machine Drawing (CAMD) Laboratory:

Design drawings allow viewers to visualize a machine or its components before it is manufactured. In the current industrial trend CAD modeling is an imperative skill expected from all Mechanical engineers. Students practice the development of 3D drawings of machine components and perform virtual assembly using industry leading mechanical design software Solid Edge ST 6. Solid Edge modelling and assembly tools enable students to easily develop a full range of products, from single parts to assemblies containing thousands of components with accurate fit and modify them within the assembly model.

Material Testing and Metallography (MMT) Laboratory:

Engineers in general and Mechanical engineers in particular should have knowledge of properties of engineering materials and their applications. Different materials have different physical, chemical and mechanical properties and suitability. Testing the material for its mechanical strength forms an integral part of manufacturing. In this lab the students are exposed to the procedure of testing of engineering materials with help of Universal testing machine, various hardness testing machines (Rockwell, Brinell, Vicker's) , Wear , Impact and Torsion testing machines along with optical microscope required for metallographic examination of materials.

Machine Shop:

Power Electronics course in intended to provide knowledge on power semiconductor devices and power converters. All the experiments are hardware experiments that can be categorized into three sections. The first section of experiments is to obtain the characteristics of semiconductor devices, the second section is to test the driver circuit for rectifiers and the third section experiments are related to applications of power converters for speed control of motors. This laboratory will help the students to gain knowledge on power converters and its applications to electric drives.

Research & Development Laboratory:

The Machine Shop is equipped with Centre Lathes, Drilling Machines, Shaping Machines and Milling Machine for preparing the models and gaining the practical exposure in operating the machines. Also, the machine shop is equipped with high quality cutting tools for the operations like Marking, Centre drilling, Facing, Taper turning, Grooving, knurling, Profile turning, Drilling, Boring, Thread cutting etc., The students are also trained in using inserts for cutting tool for machining purpose and Gear cutting operation.

Mechanical Measurements and Metrology (MMM) Laboratory:

An engineer must possess adequate knowledge of measurement techniques. Metrology and measurements constitute an important element in all laboratories for conducting experiments and for all types of control processes in the industrial activities. This lab provides the students an active learning environment for the measurement technologies used in production engineering field. Students use the laboratory to collect and analyze measurement data, evaluate measurement methodologies, and learn the capabilities and limitations of measurement technologies. The lab includes LVDT, Load Cell, Pressure transducer, Micrometer, Thermocouple, Slip gauges, Sine bar, Sine center, Bevel protractor, Profile projector, Lathe and Drill tool dynamometer and other equipments required for calibration and measurements.

Energy Conversion Laboratory:

Energy conversion deals with the study of internal combustion engines and their performance. The purpose of this lab is to develop an understanding of basic internal combustion engine and its performance. The other interests of this lab are to determine the speed, load, and fuel flow rate producing the maximum brake thermal efficiency. The experiments related to the following topics are conducted in the lab: calorific value determination, finding viscosity of fluids, study of valve timing diagrams, petrol engines, diesel engines, performance and efficiency test on IC engines.

Fluid Mechanics and Machines Laboratory:

Fluid mechanics is the study of fluids (liquids and gases) and forces on them. The fundamental purpose of the lab is the study of the phenomena and effects of flow of fluids by experimental measurements and computations while providing knowledge about the various types of turbines, pumps and blowers. The lab deals with the concepts related to natural flows, gas-thermodynamics, combustion, and flow and transport phenomena. The experiments related to the following topics are conducted in the lab: flow through pipes, impact on vanes, calibrations, turbines, nozzles, pumps and blowers.

Heat and Mass Transfer Laboratory:

Heat and mass transfer explains the thermal energy interaction processes between physical systems. The heat and mass transfer lab is well equipped with the set-ups for the experiments on: natural convection, forced convection, radiation, emissivity, heat exchangers, refrigeration, air conditioning and unsteady state heat transfer. These experiments shall pave the way for the students to understand and appreciate the basic concepts of heat and mass transfer by providing in-depth practical exposure. Also the students shall be able to develop basic skill-sets in order to take up higher level experimental studies in heat and mass transfer in future.

Design Laboratory:

Mechanical Engineering being the broadest and most diverse of all engineering domains aims at transforming ideas into products. During the course, the design of machine components, nano to giga is particularly a crucial job that demands careful attention from the domain experts.

The Design lab in the department of Mechanical Engineering at BNMIT aims at providing a platform for the students to implement the previously assimilated concepts in understanding the practical aspects of design related experiments. The facilities of the lab are so diverse that it gives them the opportunity to fortify their knowledge on stresses & strains, kinematics, dynamics, fluids, vibrations, etc. in a practical manner.

Further, the state of the art experimental setups with well qualified & experienced faculty provide a platform for the students to conduct research, carry out projects & validate their numerical simulations thus forming a corner stone in preparing the students for dynamic career opportunities.

CIM (Computer Integrated Manufacturing) and Automation Laboratory:

CIM and Automation Laboratory, provides a high quality laboratory experience to students about manufacturing automation, advanced material processing, computer assisted and computer controlled manufacturing. The lab is equipped with high end computers and CADEM software viz. CNC TECHNOLOGY multimedia NCyclopedia software (NCyclo), CNC Milling and Turning SIMULATION software (seeNC) and CNC Milling and Turning CAM software (CAPS). The laboratory has latest CNC machines, XL TURN CNC Lathe Machine and XL MILL CNC Milling Machine to impart hands on training to students in the area of computer assisted and computer controlled manufacturing.

Project Laboratory:

The Project Laboratory offers the students, the opportunity to work hands-on using faculties/ equipment's/Technical help to carry out their projects right from first to eight semesters. The lab is equipped with fabrication as well as computational faculties, to support the students in their endeavor.

Modelling and Analysis (FEA) Laboratory :

Engineering analysis is part of Engineering Design process which takes preliminary design as input and gives final design as output. In order to carry out engineering analysis, it is required to develop mathematical model of physical phenomenon. Advancement in computers and software with suitable mathematical models and numerical methods has made it possible to solve practical problems of every engineering domain. Among the numerical methods, the Finite Element Method and its generalizations are the most powerful computer methods devised to analyze practical engineering problems. In modeling and analysis lab the students are trained to carry out engineering analysis in the area of Stress Analysis, Thermal analysis and Dynamic analysis using commercial FE software ANSYS. The lab is equipped with high end computers and ANSYS 15.0 version (Academic version and Advanced Research Version) of FE software.

BNMIT-Toyota Centre of Excellence :

BNM Institute of Technology has associated with Toyota Kirloskar Motor Pvt. Ltd. to develop center of excellence. Here the students are trained in assembling and dismantling the parts of Toyota Innova four stroke diesel engine along with transmission system. Students are also exposed to gain the practical knowledge about the working principle of engine, gear engagement and transmission system through the cut section assembly of four stroke engine with transmission system. The centre of excellence is also having the working cut section of Toyota fortuner 4WD automatic engine and transmission with fully loaded chassis. The BNMIT-Toyota center of excellence provides opportunities for students to understand the needs of industry by analyzing the design and manufacturing methods of engine components.

Major equipments / components in the BNMIT-Toyota Centre of Excellence:

Four stroke diesel engines with gear box and transmission system (for assembling and dismantling).

Cut section of four stroke diesel engine (INNOVA) with gear box and transmission system along with the differential. (for demonstration).

Cut section of four stroke diesel engine (FORTUNER 4WD) with gear box and automatic transmission system, complete chassis, suspension, braking system along with the differential. (for demonstration).

Purpose:

The BNMIT-Toyota center of excellence provides opportunities for students to understand the needs of industry by analyzing the design and manufacturing methods of engine components.

Vision

To be a preferred destination for management education and entrepreneurship development.

Mission

- To provide contextually relevant management education with learner centric pedagogies.
- To develop skilled, competent and socially conscious managers.
- To cultivate entrepreneurial culture among the students.

Objectives

- To achieve faculty development and effectiveness through training and research.
- To inculcate concern for society and nature as a guiding spirit among the students.
- To provide integrated, classroom and experiential learning opportunities for managers and entrepreneurs.
- 4. Pursue higher education and research in advanced technology

About the Department:

Since its inception in the year 2006, Department of MBA has a proven track record of academic excellence, credible campus placements and entrepreneurship development. The Department of MBA at BNMIT is served by highly qualified and experienced faculty members with an average experience of 16 years in industry, academics and research. International and national level faculty Research Contributions, MoU with University of Alabama in Huntsville, USA, MoU with Fidelity National Financial Ltd., National level student fests, conferences, online courses, Industry Interface programs are the prominent features of the Department.

The Department has won a Silver Award for Innovation in Teaching Methodology "I3 : Innovative-Integrated-Inclusive Management Pedagogy: A Case Study on Leveraging MOOC's with Main Stream MBA Program at BNMIT" at the IMC Awards 2015 organised by the 6th Indian Management Conclave.

With innovative teaching-learning practices, tie-ups with Industry and Foreign Universities, the department has garnered top VTU ranks.

About the Head of the Department:

Dr. N Mukund Sharma
M.Com., MBA, Ph.D,
Professor and HOD in Charge

Dr. Mukund Sharma is a Post graduate in Management with a doctorate degree in finance from University of Mysore. He comes with more than a decade of diverse teaching and research experience.

Dr. Sharma's area of research revolves around International finance, Taxation and Capital Market. His doctoral research in the area of International financial Management analysed the currency exposure management practices followed by the business enterprises in India.

His research interest also encompasses but is not restricted to capital market, housing finance and banking. His extensive research in the field of finance and banking has culminated into Nine text books. A book authored by him "Banking and Financial Services" is a recommended book of VTU and few other universities.

He has conducted training programs for executives in industry and has successfully executed funded research project for Wipro Mission 10X.

Courses offered:

- Dual Specializations are offered in the streams of Human Resources, Finance and Marketing

Professional Society Membership:

NEN, EDI, FKCCI, NHRD, FPI, Association of Management Development Institutions in South Asia

Staff Members:

1	**Dr. N Mukund Sharma**	M.Com., MBA, Ph.D, Professor and HOD in Charge	7	**Smt. Savita G Rao**	B.Sc., MA, MBS, Asst. Professor
2	**Dr. Vijayashree L.**	B.Sc., MBA, Ph.D., Professor & HOD	8	**Smt. Karpagam B A**	M.Sc., MBA., M.Phil., (Ph.D.,), Asst. Professor
3	**Dr. Neetha Mahadev**	B.A., MBA, Ph.D, Professor	9	**Smt. Chandrika B K**	B.E., MBA, Asst. Professor
4	**Dr. Bhavya Vikas**	B.Com., MBA., Ph.D, Associate Professor	10	**Smt. Prathima V G**	MBA., B.Sc., (Ph.D.,) Asst. Professor
5	**Prof. Vaishnavee Eishwar**	M.Sc.in Intl. Mktg.(UK), Asst. Professor	11	**Mr. Ananth S Hoskere**	MBA., BBM.,(Ph.D.,), Asst. Professor
6	**Smt. Charithra C M**	B.E., MBA,(Ph.D.), Asst. Professor			

About MBA programme:

MBA programme under VTU aims to equip students with the necessary knowledge and managerial skills to occupy positions of management and administration in business, industry, public system and the government. The course helps students understand business management concepts and their applications in the domestic and global business setting.

Personality Development and Placement Training sessions are conducted to make students employable by enhancing their skill set. The Students' Practical exposure is enhanced by Industry Visits and Lectures by Experts.

Prof. Vaishnavee Eishwar interacting and counselling the MBA students

The Program is on a progressive path year by year – both in terms of Infrastructure and Quality of students. The Program is conducted by experienced full-time Faculty and Professionals from Industry and Business. A well-structured teaching learning process is in place for outcome-based education. We have the reputation of securing the best results among the B-Schools in Bangalore.

Placements:

Placement Details of MBA students passing out in 2019 Batch

18.05.2019

Sl. No.	Company	Selected			Total Placed	Salary LPA
		Finance & Marketing	Finance & HR	Marketing & HR		
1	Pin click	5	-	-	5	4.22
2	ICICI Bank	25	13	9	47	3.38
3	Apollo Munich	4	-	-	4	3.00
4	Acuité Ratings & Research Limited	3	-	2	5	3.00
5	Ethnus	1	-	-	1	3.00
6	ESDS	-	-	1	1	3.00
7	Valenta BPO Solutions	2	5	-	7	2.88
8	Spectrum	1	-	-	1	2.64
	Total Placed	41	18	12	71*	
	Number of students with agg > 60%	30	18	5	53	

Some of the students have more than one offer

Placement is still in progress

Some of the Top Recruiters:

Entrepreneurship Development Cell (ED Cell)

Vision

ED Cell at BNMIT is committed to developing successful entrepreneurs by being a resource, guidance and motivation center through Innovation & creativity, Education & Research, and Community Engagement.

Mission

The mission of ED Cell at BNMIT is to instill entrepreneurial thinking in our students and to create a community of business practitioners with a lifelong commitment to achieving social and economic progress through entrepreneurship.

Overview

ED cell provides a platform to all the students, who thrive to become entrepreneurs. ED cell acts as an incubator to society, developing future entrepreneurs. E-Cell, BNMIT is been recognized by AICTE and is been funded to develop the entrepreneurial talent among youth. It is been associated with Entrepreneurship Development Institute of India (EDII), AWAKE, FKCCI, MSME, and NEN.

About the Head of the Department:

Dr. L. Vijayashree heads the Entrepreneurship Cell at BNMIT. She has 4 years of Industry experience and 16 years of academic experience. She has conducted various programmes like Panel discussions, E-Week, Workshops, Express Talks, student development programmes, Entrepreneurship awareness programmes, Innovative project Lab competitions, Seminars, Real time Experiences for boosting the energy of students towards entrepreneurship. Entrepreneurship development programmes have been conducted in association with EDII for faculty members. She has facilitated the collaboration activities between AICTE, NEN, FKCCI, MSME, VTPC, AWAKE with BNMIT.

Dr. L.Vijayashree ,
Chief Coordinator, ED Cell

Nen National Entrepreneurship Institution Debutant Award:

BNMIT ED CELL has received NEN Debutant Award for the year 2016 on March 5th, 2016, competing with 40 colleges and 7000 students across India.

Projects:

Sl. No.	Purpose	Principal Investigator	Co-Investigator	Year	Grants provided by	Sanctioned Amount
1	Entrepreneurship Awareness Camp	Dr. L. Vijayashree , ED cell	Ms. K. Chellamma	2018 – 2019	DST, Govt. of. India	Rs. 2 lakhs
2	New Gen IEDC Grants/Innovative Project Prototype	Dr. L. Vijayashree , ED cell	Ms. K. Chellamma	2017 – 2018	DST, Govt. of. India	Rs. 2.87 Crores
3	Entrepreneurship Awareness Camp	Dr. L. Vijayashree , ED cell	Ms. K. Chellamma	2017 – 2018	DST, Govt. of. India	Rs. 1 lakh
4	Entrepreneurship Awareness Camp	Dr. L. Vijayashree , ED cell	Ms. K. Chellamma	2015 – 2016	DST, Govt. of. India	Rs. 40,000
5	To set up Entrepreneurship cell	Dr. G Nagalingappa	--	2011	AICTE	Rs. 5.5 lakhs

INCUBATE At E- CELL, BNMIT

Facilities:

The infrastructure facilities include:

- Personal computers
- High-speed Internet access
- Intercom
- IT support
- Common pool of hard and soft infrastructure like meeting/conference room and library are provided.
- Cafeteria for snacks and working lunch for employees of incubate companies.

Management and effectiveness in encouraging Entrepreneurship & Incubation:

E-cell is all about creating & providing platform to all the persons, who all wants to be emerging entrepreneurs. E-cell is about influencing young person's to lead our world economy for better future. E-cell acts as incubator to Society, developing future entrepreneurs.

Extensively programmes like Panel Discussions, Entrepreneurship Games and exercises, Weeklong Workshops, Guest lectures, eXpress Talk with successful entrepreneurs are being held at BNMIT for the E-Cell members to encourage them in Entrepreneurship.

(NEWGEN IEDC) 2017-22 :

Implemented, Coordinated and Managed by:Entrepreneurship Development Institute of India (EDII), Ahmedabad

Under the aegis of: National Science & Technology Entrepreneurship Development Board (NSTEDB).DST, Govt. of India

BNMIT – Entrepreneurship Development Cell received a NewGen IEDC grant of Rs.2.87 crores from Department of Science and Technology, Government of India.

New Generation Innovation and entrepreneurship development Centre programme (NewGen IEDC) is launched by National Science and technology Entrepreneurship Development Board (NSTEDB), Department of Science and Technology (DST), Government of India, to hand hold young entrepreneurs in campus to develop their prototypes.

BNMIT is one among 178 colleges//Universities across India to submit the proposal for New Gen IEDC and the only Institute in Karnataka to receive this grant in the year 2017-18 from Department of Science and Technology.

1. Indigenously built prosthetic Arm using 3D printer

Shaik Mohammed Rizwan, Shreyas S P, Reethan D L, Ganesh V with their mentors Dr. Mukesh Patil and Prof. Kumara Swamy - Dept. of ME.

2. Easy Foot

Abhishek B V, Aniruddha B V, Ganesh M Dixit, Nataraj N Badiger with their mentors Dr. Anil Kumar B. S. and Prof. Raghavendra N - Dept. of ME.

3. Portable Solar charged battery and inverter unit for low power application

Asmita Vasuki, Archita Vasuki, M Swathi, Sumukh Venugopal (ISE student) with their mentors Prof. Ashwini A, and Prof. Karanam Vasudha - Dept. of ECE.

4. Virtual Eye

Pruthvi S, Shama M S, Hitesh V Haritas, Sandesh S Chiploonkar with their mentors Dr. Basavaraj.N and Prof. N.Shesha Prasad - Dept. of ECE.

5. Lazer Induced Musical Instrument

Ganesh Murthy V, Sathvik R Bharadwaj, Rakshitha A, Pooja R with their mentors Prof. Bindu S and Prof. Ashwini S Savanth, Dept. of ECE.

6. Jacket for Mobility aid to Blind people

Sachin B Jain, K Shashank Rao, Monali G Pawar with their mentors Prof. Kumar A and Prof.Priyashree - Dept. of EEE.

7. Energy Harvesting using Bicycle

Nayana R, Roshan S, Sushanth Kumar with their mentors Dr. Parimala R V and Prof. Venkatesha K - Dept. of EEE.

8. Monitoring Brain WaveSystem

Akhil N Sridhar, Harsha G, Spoorthi, Syeda Lubna with their mentor Mrs. Priyashree - Dept. of EEE.

9. Agrotona

Akshar K R, Balaji with their mentors Dr. D. Shivalingappa and Prof. Saravanan V - Dept. of ME.

10. Pneumatic Bumper and Braking system

Prem Kumar, Vikas Kumar Vishnu, Aditya Kumar, Omkar Kumar with their mentors Prof. Anil Kumar and Mr. Madhu P - Dept. of ME.

11. Assistive technology for intellectually disabled and physically challenged people

Tejas C, Tejashwini V with their mentors Dr. P. A. Vijaya and Prof. Chandra Shekar, Dept. of ECE.

12. Solar Powered Bicycle

Sree Soundarya. C, Avishek Kumar, Siddhant Srivastava, Keertana S - Dept. of EEE.

13. Oculographic System for Motor Neuron Disease Patient for Communication

Rakshita R, Ujwal S S with their mentor Dr. Yashajyothi and Prof. Keerthi Kulkarni, Dept. of ECE.

14. Lifi based Blind indoor Navigation system for Visually Impaired People

Nagarjuna T V, Shravan Gupta, Shashank A, S Roopesh Kumar with their mentor Prof. Priyadarshini K Desai, Dept. of ECE

Inauguration of NewGen IEDC

Dr. Sunil Sukla, Director-EDII inaugurating the NewGen IEDC Lab in our BNMIT campus New Building.

Success Stories :

Hycube Works Private Limited – a pre incubated 3D Printer manufacturers

Co-founders Shreyas SP and Reethan Doijode

Alumni Students of Department of Mechanical Engineering, BNMIT, started their company Hycube Works Pvt Ltd in the year 2018. Their project of 3D prosthetic arm was funded by DST, in the year 2017-18 the unit was accomodated at BNMIT and they got pre-incubated at the campus. In the year 2019-20 they have been selected as one among Top 30 of 300 Startups from all over India and is been pre-incubated by Launchpad Cohort 12 at NSRCEL, IIM Bangalore. Now they are having their startup with 4 interns at IIMB and successfully created a chain of Center of Excellence for 3D printing at various colleges across Karnataka.

Fuzzy Logic Electric Trike

Aslesh Kumar A, RaghuveerBhat, Shwetha S, Alagar Krishna B

Alumni Students of Department of Electrical and Electronics Engineering, BNMIT

A successful prototype in campusfunded by DST in the year 2018-19, students Made Reverse Electric Trike in India – Vtrike Startup. After getting pre-incubated in our college campus,The teamVoltrike, with continuous efforts have successfully incubated in National Institute of Design, Bengaluru, one of the pioneer institutes in Bengaluru.

Tedora Technologies

Shreyas G S and Thrupthi N

8th Semester -Department of Electrical and Communication Engineering, BNMIT.

Tedora Technologies is a design engineering startup which intends to provide innovative Web and Mobile application services as per the needs of the customers. The platform also aims at educating the students about the basics of web and mobile application development. With over a year of service, the startup is fruitful in developing applications for the chief customers – Ayushya Technologies and Services Pvt Ltd and Aarna Solutions Pvt Ltd, besides conducting workshops for 11th and 12th standard students across Bangalore.

Money -Bin

Money Bin idea was generated and developed by Manu, Nihaarika, Naga Sukesh and Murudeshwar of V semester, Department of Computer Science and Engineering. The project was selected for the final competition at Anveshana 2019. It facilitated the process of mentoring and learning between engineering students and school students where they plan, design and make the model together. It bridges the knowledge gap between school and higher education through the integration of ideas and learning concepts.

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PRESS RELEASE

hindustantimes

Origin stories: Students turn inventors at this Mumbai festival

3D-printed prosthetics, a wi-fi-enabled undersea vehicle and new ways to help the disabled get around... here's how they did it.

EDUCATION Updated: Jan 23, 2019 20:12 IST

The 3D-printed prosthetic arms made by a mechanical engineering student from Bengaluru cost less than Rs 10,000.

Organised by Somaiya's Research Innovation Incubation Design Laboratory (RiiDL) from January 17 to 19, Maker Mela featured 18 students among the 100 inventors aged 8 to 83, from Pune, Nashik, Ahmedabad, Bengaluru, Kochi, Jaipur and Tripura, among other cities.

One team created a 3D-printed arm, with moving fingers. Another had worked out a prototype for an underwater vehicle that could take pictures of coral reefs and marine life and share them in real time over Wi-Fi.

Gaurang Shetty, chief innovation catalyst at RiiDL, says that apart from showcasing their innovations, students get feedback to help improve.

"Out of the lot, we shortlist six to eight of the top innovations. There is a session arranged for them to pitch their ideas to industry experts. The experts ask them various questions, and this is where the team's presentation and communication skills come handy.

They learn a great deal through the pitching session. And as they move around checking other exhibits, they get to interact with other inventors as well."

A handy trick

For 21-year-old Reethan DL, a mechanical engineering student from Bengaluru, the physical rehabilitation centre near his house was the inspiration to create a 3D-printed prosthetic arm and hand. "Our primary aim was to make it low-cost, because affordability is a big problem with today's prosthetics," he says.

He and fellow engineering students Shreyas SP and R Aishwarya worked with Mukesh Patil, head of the department of mechanical engineering at their college, BNM Institute of Technology, and with L Vijayashree, head of the MBA department, to create a prototype.

They have received a grant of Rs 2.5 lakh from the Karnataka state department of science and technology. "The arm we have created costs less than Rs 10,000," Reethan says.

"My team already was well-versed in 3D printing and it wasn't much of a task to make the prosthetic arm. The prototype cost us Rs 12,000 to Rs 17,000. But if we create in bulk, the it will be much cheaper to make. With the government grant, we are now planning to make more such arms, reach out to the disabled at give it to them at a low cost," he adds.

Vision

To mould the students to acquire mathematical skills required for strengthening Mathematics the back bone of Engineering education.

Mission

- Provide platform to acquire abilities to evaluate problems using analytical/numerical/graphical techniques.
- Provide a back ground for relating mathematical techniques to solve real life problems.
- To involve faculty in research which enriches teaching-learning process.

About the Department:

The Department is well equipped with full fledged, experienced and highly academically oriented faculty. As a result of its continuous, sincere and result oriented efforts as a team, the Department has been witnessing excellent results consistently and every year a good number of students are scoring cent percent marks in Mathematics. The Department has full fledged Research Centre, recognized by Visvesvaraya Technology University, Belgaum. The Department is actively engaged in research activities in the areas of Fluid Mechanics and Graph theory . Besides, it conducted four International Conferences successfully.

About the Head of the Department:

Dr. S. Manjunath
HoD - Department of Mathematics

Dr. S. Manjunath has obtained doctoral degree in 2000 from Bangalore University, Bangalore. He has guided one student for Ph.D. degree in Computer Science and three students in Mathematics and presently guiding five students in Mathematics and one in Mechanical Engineering under VTU. His main area of interest is Applied Mathematics and in particular Fluid Mechanics. Presently, he is associated with Prof. P. Sibanda, University of Kwa Zulu Natal, South Africa, Prof. Andrew T. Chan, University of Nottingham, Malaysia and Prof. Pradeep G. Siddheshwar, Bangalore University, Bangalore in investigating two -and three - dimensional passive solute dispersion in non-linear flows through porous media. The highlight of this work is that it covers Lighthill-, pre-Taylor-and Taylor regimes of dispersion in both Darcy and non-Darcy flows. Apart from his research work, he has delivered invited talks in the field of Fluid Mechanics in many National and International conferences held in India and abroad.

Staff Members:

Sl. No.	Name of Staff	Qualification & Designation
1	**Dr. S Manjunath**	M.Sc., M.Phil., Ph.D.,PGDCA, M.Sc.(IT), Professor & HOD
2	**Dr. L. Venkata Reddy**	M.Sc., M.Phil., Ph.D., Associate Professor
3	**Dr. N P Chandrashekara**	M.Sc., M.Phil., Ph.D., Associate Professor

Sl. No.	Name of Staff	Qualification & Designation
4	**Dr. Leena N Shenoy**	M.Sc., Ph.D., PGDCA, Associate Professor
5	**Dr. A Pranesha Setty**	M.Sc., Ph.D., Associate Professor
6	**Dr. D Sree Lakshmi**	M.Sc., M.Phil., Ph.D., Asst. Professor

Research :

The department of Mathematics is recognized as research centre to offer Ph.D. degree under VTU with effect from 22.04.2008. The Department has five eminent Professors guiding researchers towards Ph.D. in Fluid Mechanics and Graph Theory.

L. Venkata Reddy , N. P. Chandra Shekara and Sreelakshmi D. have been awarded Ph.D. degree from the research centre.

The research scholars and the guides/faculty members are publishing their research findings in the reputed National / International Journals.

Vision

To impart the concepts of Physics for Engineering students to comprehend its Applications in Engineering Solution.

Mission

- To provide knowledge of Engineering Physics needed for understanding Engineering courses.
- To provide a platform to keep abreast with current happenings in Science & Technology.
- To engage faculty members in research, to enrich teaching-learning process.

About the Department

The Physics Department has enthusiastic and academically experienced teaching and technical staff. Currently, the Department has two doctorate holders and the other faculty members have registered for their Ph.D. programme. The Department has been recognized as a Research Centre under VTU, Belgavi. The Faculties are actively involved in research activities in the areas of Photophysics, Material Science, Spctroscopy, NMR and IR Spectroscopy and Nanotechnology.

About the Head of the Department

Dr. Deepa H. R
HoD - Department of Physics

Dr. Deepa H. R., Professor and Head, Department of Physics has 19-year of teaching experience. Professor Deepa H. R. has obtained Master's Degree from Kuvempu University, Shimoga and Doctoral degree from Visvesvaraya Technological University, Belagavi. She has 10 research publications in reputed journals. She is presently guiding one research scholar for Ph.D. degree in BNMIT. Her area of research is Photophysics and Nanotechnology. She has worked as a Co-investigator for the research project funded by VTU, Belgavi. She has also been the reviewer of reputed International Journals in the field of Molecular Spectroscopy.

Staff Members:

Sl. No.	Name of Staff	Qualification & Designation
1	**Dr. Deepa H.R.**	M.Sc., M.Phil., Ph.D, Professor & HOD
2	**Dr. Prasad K.N.N.**	M.Sc., M.Phil., Ph.D, Associate Professor
3	**Dr. N P Chandrashekara**	M.Sc., M.Phil., Ph.D., Associate Professor

Sl. No.	Name of Staff	Qualification & Designation
4	**Sri. S.Chandrasekhar**	M.Sc., M..Tech.,(Ph.D), Asst. Professor
5	**Sri Praveen C Jois M N**	B.Sc, M.Sc., (Ph.D) Asst. Professor
6	**Dr. D Sree Lakshmi**	M.Sc., M.Phil., Ph.D., Asst. Professor

List of Laboratories :

Engineering Physics Laboratory :

This laboratory is catered to I year B.E. students of all the branches. The laboratory has very good facilities to provide good hands on experience to students in basic experiments of physics including Electrical, Mechanical Optics and Electronics.

Facilities available:

Optics/Thermal

- Newton's Ring Experimental setup
- Air wedge Experimental setup
- Laser Diffraction Experimental setup
- Mercury Light Diffraction (with Spectrometer) Experimental setup
- Planck's constant experimental setup
- Magnetic Hysteresis Experimental setup
- Magnetic Coil Experimental setup
- Spring Constant Experimental setup

Electrical:

- Black box Experimental setup
- LCR Experimental setup
- Kirchhoff's law Verification setup
- Stefan's law Experimental setup
- Optical Fiber Experimental setup
- Elasticity/Acoustics/Magnetic:
- Uniform bending Experimental setup
- Single cantilever Experimental setup
- Torsional pendulum Experimental setup
- Sonometer Experimental setup
- Fermi Energy Experimental setup
- Dielectric constant Experimental setup

Electronics:

- Transistor Experimental setup
- Zener Diode Experimental setup
- Energy Gap Experimental
- Photodiode Characteristics setup

Physics Research Laboratory :

The laboratory has very good facilities to carry out research in the field of Molecular spectroscopy in general and photophysics in particular. This includes the investigation of effect of nanoparticles/ Human Serum Albumin (HSA) / Bovine Serum Albumin (BSA)/ Aliphatic and Aromatic amines on photophysical proprieties of fluorescent organic molecules.

Facilities available:

- UV-VIS Spectrophotometer (Shimadzu Model: UV 1800)
- Hot Air oven (210 liters) with microprocessor-based PID display
- Electronic Weighing Balance (0.01mg)
- Gaussian 09 software
- Ultrasonic Bath

The department of Physics is recognized as research centre to offer Ph.D. degree under VTU with effect from 2016-17. The Department has three t Professors guiding researchers towards Ph.D. in Spectroscopy & Material Science.

Vision

To impart concepts of engineering chemistry for students to comprehend its applications in engineering solutions.

Mission

- Provide understanding of applications of chemistry in engineering
- Develop concern for environmental issues and responsibility for preserving green environment
- To engage faculty members in research, to enrich teaching-learning proces

About the Department

The Department has highly qualified, dedicated and enthusiastic faculty. It aims to impart high quality education by inspiring students to come out to compete globally in order to develop scientific outlook, overall with analytical mind giving due importance to Basic Science and its Application in Engineering Science. To inculcate students to learn in achieving something substantial for developing their career and contemplate by solving Environmental problems of mankind. The Department is provided with well equipped lab and individual attention is

About the Head of the Department

Dr. Jayanna B. K
HoD - Department of Chemistry

Dr. Jayanna B. K. obtained M.Sc., and Ph.D., from University of Mysore. He has 21 years of teaching experience. To his credit, he is a Co-author of 'Engineering Chemistry' book published by Star-Tech Publishers, Bengaluru and Reviewed Engineering Chemistry, published by Skyward Publishers, Bengaluru. He has successfully guided one scholar for Ph.D., degree and currently guiding 04 research scholars in the area of Nanotechnology, Phytochemistry and Analytical Chemistry. He has published over 30 articles in peer reviewed National and International Journals. Further more, he has received a research grant to the tune of 2 lakhs from VTU, Belagavi. He has also conducted several workshops.

Staff Members:

Sl. No.	Name of Staff	Qualification & Designation
1	**Dr. B K Jayanna**	M.Sc., Ph.D, Prof. & HOD
2	**Dr. Prathibha B S**	MSc., Ph.D., Associate Professor

Sl. No.	Name of Staff	Qualification & Designation
3	**Dr. Prashanth M K**	MSc. ,Ph.D., Assistant Professor

Engineering Chemistry Laboratory :

The engineering chemistry laboratory is well equipped with high-end instruments, well aerated and spacious hall of floor area 200 square meters. It is provided with store room for safe keeping of explosive, corrosive chemicals and a room exclusively for preparation of reagents for experiments. Each working table is big enough to accommodate necessary glass wares and to carry out experiments. Separate heating chamber is provided as a safety measure.

Lab is a required component of most engineering courses. Learning about the lab procedures and performing experiments helps to learn techniques and reinforces text book concepts that students of engineering must master for application in career and daily life. The faculty of the chemistry at BNMIT clearly understand the importance of laboratory work in the study of chemistry and committed to educate the students in lab skill. The experiments prescribed by VTU have been optimised so that each and every student can conduct experiments independently.

Research Laboratory :

The Department provides research facilities to the staff members and research scholars for carrying out their research activities.

The Chemistry research lab is sufficiently equipped with the latest instruments. Department is actively engaged in research, the main areas of research being Pharmaceutics, Corrosion, Material Chemistry & Medicinal Chemistry.

Faculties have published 68 research papers in national and international journals.

Facilities Available are :

- UV-Visible Spectrophotometer (Single Beam)
- Electronic Balance (0.1 mg Accuracy)
- Hot Air Oven (Triple walled, Ducted Air Flow Type, Temperature Range: 5°C above ambient temperature to 300°C.)
- Spinet hotplate with stirrer
- UV Degradation Chamber

Artificial Intelligence & Machine Learning

Vision

To be a renowned department for education in Artificial Intelligence & Machine Learning in Karnataka state, moulding students into professional engineers.

Mission

- To provide teaching – learning process in Artificial Intelligence & Machine Learning that will make students competitive and innovative to adapt to needs of industry and higher learning.
- To imbibe professional ethics, team spirit and leadership qualities to succeed in changing technological world.
- To inculcate empathy for societal needs and concern for environment in engineering design and practice.

Objectives

After 2/3 years of graduation, the students will have the ability to:

- Analyze, design and implement solutions in Artificial Intelligence & Machine Learning and adapt to changes in technology by self /continuous learning.
- Engage in higher learning and contribute to technological innovations.
- Work with professional ethics as an individual or as a team player to realize the goals of the project or the organization.
- Work with respect for societal values and concern for environment in implementing engineering solutions

What is Artificial Intelligence?

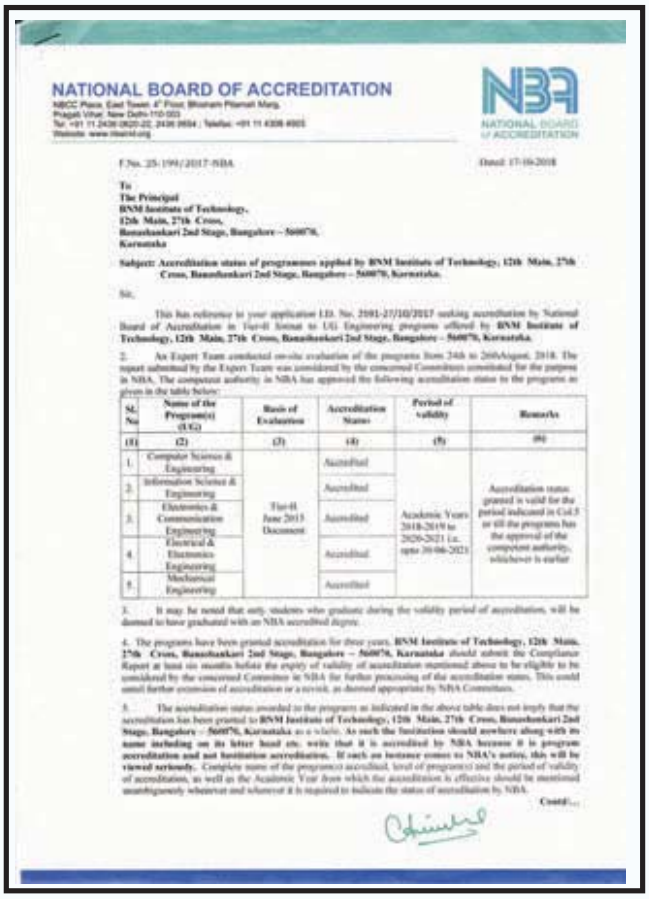
- It is the ability of a computer or a computer controlled system to perform tqasks commonly associated with intelligent beings.
- It includes developing systems endowed with the intellectual processes characteristic of humans such as ability to reason, interpret, learn and generalise from past experience.

What is Machine Learning?

- The process through which systems learn things without being programmed to do so.
- It is a scientific study of algorithms and statistical models that computer systems use in order to perform a specific task effectively without using explicit instructions relying on patterns and inference instead. It is seen as a subset of AI.

NBA Accredition:

The Under Graduate programs – Electronics & Communication Engineering, Electrical & Electronics Engineering, Computer Science & Engineering, Information Science & Engineering and Mechanical Engineering have been accredited by National Board of Accreditation (NBA) for the academic years 2018-19 to 2020-21 and valid upto 30.6.2021



NATIONAL BOARD OF ACCREDITATION

NBCC Place, East Tower, 4th Floor, Bhisham Pitamah Marg,
Pragati Vihar, New Delhi-110 003
Tel: +91 11 2436 0620-22, 2436 3654 ; Telefax: +91 11 4306 4903
Website: www.nbaind.org

F.No. 25-199/2017-NBA — Dated: 17-10-2018

To
The Principal
BNM Institute of Technology,
12th Main, 27th Cross,
Banashankari 2nd Stage, Bangalore – 560070,
Karnataka

Subject: Accreditation status of programmes applied by BNM Institute of Technology, 12th Main, 27th Cross, Banashankari 2nd Stage, Bangalore – 560070, Karnataka.

Sir,

This has reference to your application I.D. No. 2101-27/10/2017 seeking accreditation by National Board of Accreditation in Tier-II format to UG Engineering programs offered by **BNM Institute of Technology, 12th Main, 27th Cross, Banashankari 2nd Stage, Bangalore – 560070, Karnataka.**

2. An Expert Team conducted on-site evaluation of the programs from 24th to 26thAugust, 2018. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The competent authority in NBA has approved the following accreditation status to the programs as given in the table below:

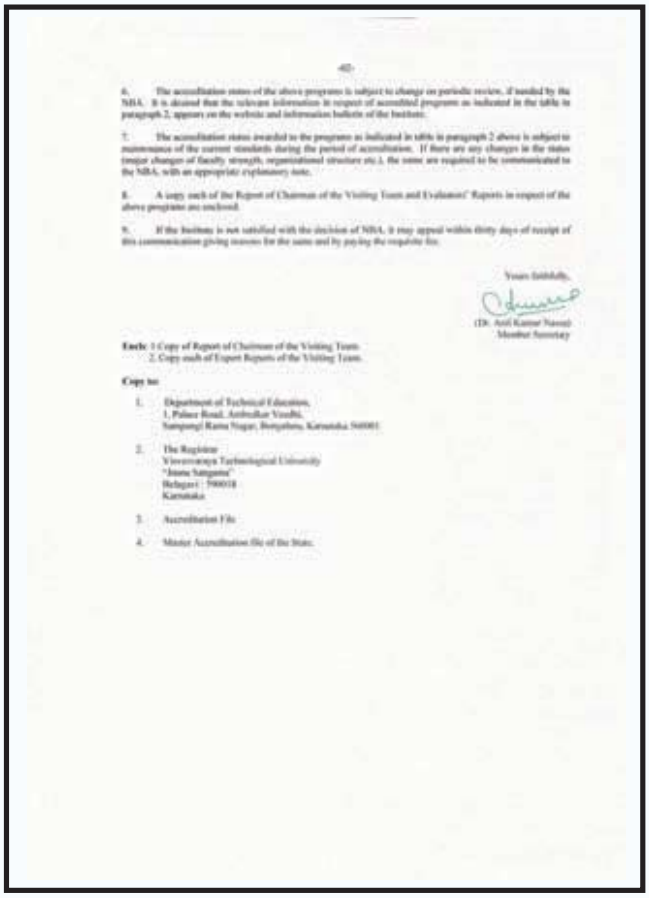
Sl. No	Name of the Program(s) (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Computer Science & Engineering	Tier-II June 2015 Document	Accredited	Academic Years 2018-2019 to 2020-2021 i.e. upto 30-06-2021	Accreditation status granted is valid for the period indicated in Col.5 or till the programs has the approval of the competent authority, whichever is earlier
2.	Information Science & Engineering		Accredited		
3.	Electronics & Communication Engineering		Accredited		
4.	Electrical & Electronics Engineering		Accredited		
5.	Mechanical Engineering		Accredited		

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The programs have been granted accreditation for three years. **BNM Institute of Technology, 12th Main, 27th Cross, Banashankari 2nd Stage, Bangalore – 560070, Karnataka** should submit the Compliance Report at least six months before the expiry of validity of accreditation mentioned above to be eligible to be considered by the concerned Committee in NBA for further processing of the accreditation status. This could entail further extension of accreditation or a revisit, as deemed appropriate by NBA Committees.

5. The accreditation status awarded to the programs as indicated in the above table does not imply that the accreditation has been granted to **BNM Institute of Technology, 12th Main, 27th Cross, Banashankari 2nd Stage, Bangalore – 560070, Karnataka** as a whole. **As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously.** Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously wherever and whenever it is required to indicate the status of accreditation by NBA.

Contd...



6. The accreditation status of the above programs is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programs as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.

7. The accreditation status awarded to the programs as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

8. A copy each of the Report of Chairman of the Visiting Team and Evaluators' Reports in respect of the above programs are enclosed.

9. If the Institute is not satisfied with the decision of NBA, it may appeal within thirty days of receipt of this communication giving reasons for the same and by paying the requisite fee.

Yours faithfully,

(Dr. Anil Kumar Nassa)
Member Secretary

Encls: 1 Copy of Report of Chairman of the Visiting Team
2. Copy each of Expert Reports of the Visiting Team.

Copy to:

1. Department of Technical Education,
1, Palace Road, Ambedkar Veedhi,
Sampangi Rama Nagar, Bengaluru, Karnataka 560001

2. The Registrar
Visvesvaraya Technological University
"Jnana Sangama"
Belagavi : 590018
Karnataka

3. Accreditation File

4. Master Accreditation file of the State.

NAAC Accredition:

राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

Certificate of Accreditation

The Executive Committee of the National Assessment and Accreditation Council on the recommendation of the duly appointed Peer Team is pleased to declare the

B N M Institute of Technology

Banashankari 3rd Stage, Bangalore,

affiliated to Visvesvaraya Technological University, Karnataka as

Accredited

with CGPA of 3.10 on seven point scale

at 'A' grade

valid up to October 29, 2022

Date : October 30, 2017

Director

BNM Institute of Technology is accredited as Grade "A" institute by NAAC at the first attempt and the accreditation is valid for the period 30/10/2017 to 29/10/2022

Institutional Accredition & Achievements

National Institutional Ranking Framework Ministry of Human Resource Development, Govt. of India has Ranked BNMIT at No.186 at all India level, under Engineering Category (including IITs, NITs and IIITs)

National Assessment and Accredition Council has awarded BNMIT with 'A' Grade.

BNMIT has secured 33rd Rank in All India TIMES* survey 2020, among top 150 Engineering Institutions in India

*Times of India Newspaper

All UG branches - CSE, ECE, EEE, ISE & Mech. Engg. accredited by NBA for academic years 2018-19 to 2020-21

BNMIT has been recognized by QS IGAUGE for Excellence in Academic Digitisation and Online Education

BNMIT has secured 24th Rank in All India IMPACT Ranking of top 100 Institutions,Education Post

- BNMIT was recognized as an "Excellent Engineering College in Karnataka" during the 2nd National Karnataka Education Summit & Awards 2016.
- Internship support through MoU with foreign Universities (RIPO-Republic of Belarus, Old Dominion University USA).
- Online course facility support through MoU with IIMBx.

Sri. Narayan Rao R. Maanay, Trustee & Secretary, BNMEI received "The Doyens: Guardians of Knowledge" award for his exemplary commitment and impactful positive contribution to education in the state of Karnataka by the national newspaper, The Hindu Group.

Sri. Narayan Rao R. Maanay receiving "The Doyens: Guardians of Knowledge" award from Hon. Higher Education Minister of Karnataka Sri. Basavaraj Rayareddi in the presence of Dr. M. P. Poonia, Vice-Chairman, AICTE and Dr. M. S. Shyamasundar, Adviser, NAAC at Bengaluru on March 23, 2017.

Department of Computer Science & Engineering:

1. **Dr. Sahana D Gowda** was awarded as a 'Star Achiever from Accenture' in 2019, Bengaluru
2. **Smt. Ashwini**, won 'Best Poster Award' for the poster entitled 'Power Optimization Technique in WSN' presented in Symposium on Nanotechnology and its Application, organized by IEEE-BNMIT & IEEE Nanotechnology Council, BNMIT Bangalore in September 2019
3. **Sri. Raghavendra C K** was awarded a 'Certificate of Appreciation' and 'Top Performing Mentor' in recognition of his role as a mentor for the NPTEL Online course by IIT, Madras Jul-Dec 2019
4. **Dr. Sejal Santosh Nimbhorkar,** got Appreciation for mentoring students on 'Money Bin' Project in 2019
5. **Sri. Srivasta Koulgi,** won 'Gold Medal' for the group song in the 19th VTU Youth Festival held at Bheemanna Khandre Institute of Technology during 2nd to 4th December 2018
6. **Dr. Sejal Santosh Nimbhorkar**, got Appreciation for being the Resource Person for 'LaTex' in January 2018
7. **Sri. Raghavendra C K** was awarded as a 'Gold Partner Faculty' under 'Inspire the Campus Connect Faculty Partnership Model' in 2018
8. **Sri. Raghavendra C K** Procured a Letter of Appreciation 'Academic Performance', BNMIT in 2017
9. **Dr. Sejal Santosh Nimbhorkar** was awarded with the 'Certificate of Outstanding Contribution' in reviewing by the editors of Future Generation Computer Systems, Elsevier, Amsterdam, The Netherlands, in May 2017
10. **Sri. Raghavendra C K** was a 'Silver Partner Faculty' under 'Inspire the Campus Connect Faculty Partnership Model' in 2017
11. **Sri. Raghavendra C K** was a Runner-up in the contest 'Content Guru' event of Inspire Faculty Excellence Awards, 2016
12. **Sri. Raghavendra C K** was a 'Bronze Partner Faculty' under 'Inspire the Campus Connect Faculty Partnership Model', 2016
13. **Dr. Y C Kiran,** Procured a 'Letter of Appreciation' 'SSQUARE Innovations Soft Labs, Pvt. Ltd.' in 2016
14. **Dr. Sahana D Gowda,** Procured Letter of Appreciation 'Academic Performance', BNMIT in 2015
15. **Smt. Priyanka S** secured Best Faculty Award in 2015
16. **Smt. Prarthana T V** Procured a Letter of Appreciation 'Academic Performance', BNMIT in 2015
17. **Smt. Kavitha Horadi** Procured a Letter of Appreciation 'Academic Performance', BNMIT in 2013

Department of Electronics & Communication Engineering:

1. **Dr. P. A. Vijaya**- was nominated as a BOS member for ECE/TCE board of VTU, Belgaum for the duration 2016-2018. – Her bio-data has been published in"Marquis Who's Who – Science and Engineering". She has obtained best project and best teacher awards.
2. **Dr. Yasha Jyothi Sirur** , **Dr. Veena S Chakravarthi**, **Dr. M S Suresh** applied for patent with patent no. 201641022110 for the title " Method ,System and Apparatus for Asynchronous SOC testing and Validation"
3. **Smt. Bindu S, Mr. Subodh Kumar Panda ,Smt. Rekha P** received Doctorate degree for their Ph.D work from VTU, Belgaum under the guidance of Dr. M. S. Suresh.
4. **Smt. Bhuvana Suganthi** received Doctorate degree for her Ph.D work from VTU, Belgaum under the guidance of Dr. R. Manjunath
5. **Smt. Chaitra. N** visited and worked at AU MRI Research Centre, Auburn University, USA during July 2017, to carry out a part of the collaborative research under Dr. Gopikrishna Deshpande, Associate Professor, Auburn University for her Ph.D work
6. **Smt. Rekha. P & Sri. Subodh Kumar Panda** received best paper award for the paper titled, "Pencil Drawn Films as Ammonia Gas Sensors", presented in the conference IEEE-ICSPACE
7. **Smt. Yasha Jyothi Sirur** got Best Presenter award at Bangkok conference
8. **Smt. Prabhavathi** got Best Paper & Best Presentation award at INCOH
9. **Smt. Chaitra. N** obtained 1st rank in M.Tech,Best Paper award in VCASAN, Best Faculty Award
10. **Smt. Bindu. S** has obtained 2nd rank in M.Tech

11. **Sri. N. Shesha Prasad** has obtained 2nd rank in M.Tech
12. **Smt. Rashmi S Bhaskar** has obtained 3rd rank in M.Tech
13. **Smt. Ashwini S Savanth** has obtained 1st rank in M.Tech & 2nd rank in B.E
14. **Smt. Lakshmi Bhaskar** has obtained 2nd rank & Gold Medal in M.Tech

Department of Information Science & Engineering:

1. **Dr. Girisha G S** and **Dr. Surabhi Narayan** have obtained Ph.D. during the academic year 2017-18 and 2016-17 respectively
2. **Dr. Saritha Chakrasali** was instrumental in coordinating faculty development workshops and seminars. She has completed Continuing Education Course on Cryptography and Network Security with Overall performance grade of S (outstanding) and Intelligent Agents with Overall performance grade of A at IISc, Bangalore. She has topped the Bangalore University in Bachelor of Technology and received the Certificate of Commendation for her final year project from Karnataka State Council for Science & Technology, IISc. She has also received the Merit Certificate in recognition of the high position secured in the list of meritorious candidates qualifying for awards from Govt. of Karnataka, National Scholarship Scheme
3. **Smt. Madhura Prakash** has secured First rank in MTech (SE)
4. **Ms. Harini** has secured Second rank in M.Tech (CSE)
5. **Dr. Saritha Chakrasali** and **Dr. Girisha G S** have received Appreciation Letters for their performance in Faculty Appraisal
6. **Dr. Surabhi Narayan** was the Co-investigator for the funded project titled "Code Generation for Document images based on Handwritten Components" under VTU Research Grant Scheme for the period 2011-14. The grant amount was Rs. 9.92 Lakhs

Department of Electrical & Electronics Engineering:

1. **Smt. Priyashree S**, Associate Professor, Department of Electrical & Electronics Engineering has been awarded the Ph.D. degree for her research work titled "The Mathematical Modeling and Power Quality Improvement for Industrial Furnaces" in the 19th VTU Annual convocation held on 7th February 2020
2. **Dr. Venkatesha K**, Professor, Department of Electrical & Electronics Engineering delivered an invited talk on "Power Electronics" for 3rd-year students of the EEE department, Sairam College of Engineering on 5th December 2019
3. **Dr. Venkatesha K**, Professor, Dr. Priyashree S, Associate Professor, Department of Electrical & Electronics Engineering delivered a technical talk in the Faculty Development Program titled " Electrical Power Quality and Distributed Generation" held from 16th-20th December 2019, organized by EEE Department, Jawaharlal Nehru National College of Engineering, Shimoga
4. **Sri. A Kumar**, Associate Professor, Department of Electrical & Electronics Engineering delivered an invited talk on "Analog Electronic Circuits" for 2nd-year students of the EEE department, Sairam College of Engineering on 5th December 2019
5. **Smt. Madhu S**, Assistant Professor, Department of Electrical & Electronics Engineering was invited for the project evaluation in the Department of Electrical & Electronics Engineering, K S School of Engineering & Management held on 20th May 2019
6. **Sri. A Kumar**, Associate Professor, Department of Electrical & Electronics Engineering was invited for the project evaluation in the Department of Electrical & Electronics Engineering, M S Ramaiah Institute of Technology during PRADARSHANA-2019 held on 24th May 2019
7. **Mr. A Kumar**, Associate Professor, Department of Electrical & Electronics Engineering was presented Best Faculty Award 2018-19 by Cognizant
8. **Dr. Venkatesha K**, Associate Professor, Department of Electrical & Electronics Engineering delivered a technical talk on "Time-varying fields, Uniform plane wave and Hazards of electrostatic fields" in the Department of Electrical & Electronics Engineering at Global Academy of Technology on 4th May 2019
9. **Smt. Shubha Rao K**, Associate Professor, Department of Electrical & Electronics Engineering won the best paper presentation award in the 7th International Conference on Applied Science Engineering and Technology (ICASET-19) held on 2nd – 3rd May 2019 in Sri Sai Ram College of Engineering, Bengaluru, Karnataka

10. **Smt. Shubha Rao K**, Associate Professor, Department of Electrical & Electronics Engineering chaired the session for the IEEE 2nd International Conference on Power and Energy Applications (ICPEA 2019) held during 27th -30th April 2019 in Singapore
11. **Dr. Venkatesha K**, Associate Professor, Department of Electrical & Electronics Engineering has been awarded Ph.D. degree for his research work under Visvesvaraya Technological University titled "Modeling and Design of Single Phase and Three Phase Bi-directional AC/AC Converter for Power Quality Improvement Using FPGA Real-Time Controller" in the 18th VTU Annual convocation held on 18th March 2019
12. **Dr. S Sudalai Shunmugam**, Associate Professor, Department of Electrical & Electronics Engineering has been awarded Ph.D. degree for his research work carried out at Central Power Research Institute, Bangalore titled "Assessment of Pollution Level and Design of External Insulation for High Voltage Transmission System" in the 18th VTU Annual convocation held on 18th March 2019
13. **Dr. S Sudalai Shunmugam**, Associate Professor, Department of Electrical & Electronics Engineering delivered a technical talk on "Importance of Transmission and Distribution" organized by the Department of Electrical and Electronics Engineering, Global Academy of Technology, Bangalore on 25th February 2019
14. **Dr. Venkatesha K** has received the Best paper award for the technical paper "Experimental analysis of Symmetrical & Asymmetrical PWM based Single Phase AC to AC Converter for Power Quality Improvement" in International conference on smart grids, power, and advanced control engineering [ICSPACE-2017] at Global Academy of Technology, Bengaluru during August-2017

14. **Dr. Venkatesha K**, Associate Professor, Department of EEE, received the Best Faculty Award -2016-17 given by M/s Cognizant Technology Solutions, Bengaluru

Department of Mechanical Engineering:

1. **Dr. Mukesh Patil** is a recipient of VTU Gold Medal for securing first rank in M.Tech.
2. **Sri. D. Shivalingappa** has joint Indian patent with IIT Roorkee Patent No: 261746.
3. **Sri. B. S. Anil Kumar** was awarded a doctoral degree in January 2018.
4. **Sri. Raghavendra N** was awarded a doctoral degree in March 2019.
5. **Sri. Saravanan V** was awarded a doctoral degree in April 2019.
6. **Dr. Saravanan V** has been deputed for Post Doctoral Fellowship (PDF) at IIT Kharagpur.
7. **Dr. B. S. Anil Kumar** delivered a lecture on 'Student Empowerment in the Field of Education (Non-Technical) and Engineering Graphics (Technical)' at Amruta Institute of Engineering Management Sciences and Polytechnic, Bangalore.
8. **Dr. Saravanan.V** delivered a lecture on the topic titled "Introduction to Computational Fluid Dynamics" at National Design and Research Forum, Bangalore.
9. **Dr. Saravanan.V** undertook consultant work on "Design of Axial Flow Pump for Marine Application" at National Design and Research Forum.

Department of Computer Science & Engineering:

Exceptionally good results in the first 3 batches setting the trend of 100% success. Most of them secured First Class with Distinction. Our Students have secured total 15 ranks in University Exams.

Rashmi B H
1st Rank with Gold Medal
2017-18

Shubratha C Sharma
7th Rank
2015-16

Deepthi Devraj
1st Rank with 6th Gold Medals
2014-15

Chaitra K V
2nd Rank
2014-15

Meghana Adiga
7th Rank
2014-15

Neha V
8th Rank
2014-15

Swathi A V
10th Rank
2014-15

Pooja V Hegde
5th Rank with 5 Gold Medal
2013-14

Chaitra Nagaraj
7th Rank
2013-14

Pratish D P
7th Rank
2013-14

Archana Prakash
1st Rank with 1 Gold Medal
2012

Divya Radhakrishnan
2nd Rank

Brinda Badarinath
4th Rank
2011

Neethu Bobby Chandy
15th Rank with Gold Medal
2011

Amritha Anantha Nayak
9th Rank
2011

Technical Achievements:

1. Keerthana Velilani and Sowmiya Rao T have won the third prize in TechKriti-2019 Innovation Challenge conducted By IIT, Kanpur on 8th and 9th March 2019
2. Mukund Madahv,Adithya G,Nikitha Gururaj,Namitha S and Meghana R were selected for Mobile Control ROBOTICS-2 days National Level Workshop Competition organized by Revert Technology pvt Ltd and BNMIT, on 15th and 16th Feb 2019
3. Keerthana Velilani and Sowmiya Rao were selected for finals in National Level Hackathon, conducted by NMIT on Jan 23rd and 24th 2018.
4. Keerthana Velilani and Soumiya Rao have won the first place in 24 Hr State Level Hackathon, conducted by KSIT on 9th and 10th of Nov 2018
5. KeerthanaVelilani has participated in Amazons Alexa Workshop and Hackathon, conducted by Sandbox Startups on Aug-17th and 18th 2018
6. Sanjana M and Mrudula have completed an internship on 'Android Application Development' from Tequed Labs for the duration of 4 weeks from July 9th to Aug 6th 2018.
7. Aishwarya Kurnutala and Aditya Raj have completed an internship on 'Master Baseline Version Maintenance using MS Access' from Control Systems Laboratory , Research Imarat, Hyderabad from 9th July 2018 to 4th Aug 2018
8. Kshithij R Kikkeri has won the second place in Poster Exhibition Competition conducted by ISTE -15th ISTE Karnataka State students Convention 2018 on 10th June 2018
9. Manu K J, Murudeshwar Barole and Niharika A Jagadish have won the Second place in Hackathon conducted by ISTE – 15th ISTE Karnataka State Students Convention 2018 on 10th June 2018
10. Nishika Tiku and Naman Sinha have participated in Poster Exhibition Competition conducted by ISTE – 15th ISTE Karnataka State Students Convention 2018 on 10th June 2018
11. Raksha H and Namitha G have participated in Kagada 2018, 15th National Student Conference, Poster Presentation – 'Face Expression Recognition' conducted by IEEE, UVCE,Bangalore.
12. Shreyank S Hunsikatti,Varun A Prasad,Eshwar K G,Sudhanva G Hebbale,Sindhu S,Raksha H,Mahalakshmi N,Pradeep Gowda and Shirsa Mitra have secured Certificate of Merit in 'Virtual Reality Workshop' organized by ITC-IIT Mumbai on 17th March 2018
13. Akhila M, Anjali G P, Ankitha S and Anouksha K S have won the Best Project Award at Department Level in IPL Summer competition 2018-Home Automation organized by Entrepreneurship Development cell-BNMIT
14. Raksha H has won the Best Project Award at the Department Level in IPL Summer Competition 2018-Software Application to predict heart disease risk by data analysis, organized by Entrepreneurship Development cell-BNMIT.
15. Bhavyadeep Purswani has won the Best Project Award at the Department Level in IPL Summer Competition 2018-Wireless Animation Hand organized by Entrepreneurship Development Cell-BNMIT.
16. Manu K J, Murudeshwar Barole, Nama Venkata Nagasukesh, Namitha G and Niharika A Jagadish have won the Best Project Award at the Department Level in IPL Summer Competition 2018-Trick Tac-Toe organized by Entrepreneurship Development Cell-BNMIT.
17. Nandan A S has won the Best Project Award at the Department Level in IPL Summer Competition 2018-A simple captcha cracker organized by Entrepreneurship Development cell-BNMIT.
18. Anushree Dutta has won the Best Project Award at the Department Level in IPL Summer Competition 2018-Net Spam organized by Entrepreneurship Development Cell-BNMIT.
19. Eshwar Sastry has won the Best Project Award at the Department Level in IPL Summer Competition 2018-Bar Code Generator using Python organized by Entrepreneurship Development Cell-BNMIT.
20. Hithashi Ramakrishna, Debansu Satpathy have won the Best Project Award at the Department Level in IPL Summer Competition 2018- 'Arduino Line Follower Robot' organized by Entrepreneurship Development Cell-BNMIT.

21. Harshitha A, Lekhana G and Harshith R M have won the Best Project Award at the Department Level in IPL Summer competition 2018- 'Interview Management System' organized by Entrepreneurship Development Cell-BNMIT.
22. Sindhu S has won the Best Project Award at the Department Level in IPL Summer Competition 2018-'Object Tracking' using open CV in Python organized by Entrepreneurship Development Cell-BNMIT.
23. Anshree Dutta has won the Best Project Award at the Department Level in IPL Summer Competition 2017- 'Two Techniques for Fast Computation of Constrained Shortest Paths' organized by Entrepreneurship Development Cell-BNMIT.
24. Rohan A R ,Shirsa Mitra and Shreyank S Hunsikatti have won the Best Project Award at the Department Level in IPL Summer Competition 2017- 'Object Detection For Automated Car Driving' organized by Entrepreneurship Development Cell-BNMIT.
25. Raksha H and Sadhana Suresh have won the Best Project Award at Department Level in IPL Summer Competition 2017- 'LI-FI DONGLE AND SPEAKER' organized by Entrepreneurship Development Cell-BNMIT.
26. Nandan A.S has won the Best Project Award at the Department Level in IPL Summer Competition 2017- 'Web Scraping Bot' organized by Entrepreneurship Development Cell-BNMIT.
27. Sindoora Ravikumar Murthy was awarded as the Most Outstanding Intern in 2017 Summer Research Workshop from 23rd July to 13th August 2017 by Old Dominion University.
28. Udith Prabhu was awarded for Exceptional Technical Abilities in 2017 Summer Research Workshop from 23rd July to 13th August 2017 by Old Dominion University.
29. Akshay L Aradhya has secured the first place in Codemania on 19th to 20th September 2015 organized by the Annual Tech Symposium, BMS College of Engineering.
30. Nagarjun T N has secured the third place in 'IPL Winter Competition' 2015 at the college level organized by BNMIT.
31. Ashutosh Singh,Harshith G Prasad and Madhav Ram have secured the second place in 'National Project Exhibition' on 14th May 2019 organized by Alpha College of Engineering.
32. Akshay L. Aradhya,Archana choudary ,Harshita D H, Aishwarya D Prakash and Harshitha S have secured the first place in 'Robo Feast-2016 National Raspberry PI Workshop' organized by M.S College of Engineering on 17th and 18th october 2015
33. Anagha A,Kunal V and Nayana S have secured the first place in 'Robo Feast-2016 National Raspberry PI Workshop' organized by, M.S College of Engineering on 17th and 18th october 2015.
34. Shahzadhi Afshaan H, Hajira Shaista and Shreevidya Adiga K have secured the second place in Entrepreneurship Cell-Project Mela on 21st May 2014 organized by BNMIT.
35. C G Sandesh's idea was considered as the '15th Idea in TCS Innovacracy-2014' organized by TCS-(Idea of Using IR Imaging System).
36. Karthik G has won the best paper of the session in 'Recent Advances in Science,Engineering and Technology (NCRASET-14)' on 23rd may 2014, organized by Sri Venkateshwara College of Engineering, Bengaluru.
37. Sai Keerthana N A has secured the first place in 'Race'14 Certificate in Sudoku' organized by JSS Academy of Technical Education, Bengaluru.

Sports Achievements:

1. Lalananagaraj has participated in 'VTU Inter-collegiate Athletic Meet 2019-20 in 200mtrs, 400mtrs relay' from 22nd to 25th October 2019, organized by Guru Nanak Dev Engineering College, Bidar.
2. Jayanth Joshi has participated in 'VTU Inter-collegiate Athletic Meet 2019-20 in 800mtrs, 5000mtrs relay' from 22nd to 25th October 2019, organized by Guru Nanak Dev Engineering College, Bidar.
3. Dhanik I S has participated in 'VTU Inter-collegiate Athletic Meet 2019-20 in 100mtrs, 200mtrs, 4* 100 mtrs relay' from 22nd to 25th October 2019, organized by Guru Nanak Dev Engineering College, Bidar.
4. Preetham, Vinayak, Ayush, Tushar and Yusuf have participated in 'INFINI International Sports Fest 2019-20 Football Competition' from 12th to 16th October 2019, organized by PES University, Banglore.

5. Shravani K S has participated in 'INFINI International Sports Fest 2019-20 Throwball Competition' from 12th to 16th October 2019, organized by PES University, Banglore.
6. Srujan and Devam Darji have participated in 'INFINI International Sports Fest 2019-20 Badminton Competition' from 12th to 16th October 2019, organized by PES University, Banglore.
7. Abhishek, Harsh R Jain, Jayanth Prakash and Shaik Mohammed have participated in 'VTU Inter-collegiate Single Zone Weightlifting (M&W) and Best Physique (M) Competition' 2019-20 on 14th and 15th October 2019, organized by Sri Sairam Engineering College Anekal, Banglore.
8. Vallish M A has participated in 'VTU Banglore Central Zone Cricket Selection2019-20' on 3rd to 4th October 2019, organized by Sea College of Engineering, Banglore.
9. Skanda, Ayush, Ashutosh, Vinayak and Preetam have participated in 'BMSCE KREEDOTSAV- 2019 Foot Ball Competition' from 1st to 4th October 2019, organized by BMSCE, Banglore.
10. Heena Kouser and Vishnu R Acharya have participated in 'BMSCE KREEDOTSAV- 2019 Chess Competition' from 1st to 4th October 2019, organized by BMSCE, Banglore.
11. Dewang, Rajdeep and Akash have participated in 'BMSCE KREEDOTSAV- 2019 Basketball Competition' from 1st to 4th October 2019, organized by BMSCE, Banglore.
12. Rajeev Ramesh have participated in 'VTU Inter-collegiate Banglore Zone Tennis (M) Tournament 2019-20' on 23rd and 24th September 2019, organized by JSSATE, Banglore.
13. Chethan, Akash and Dewang have participated in 'VTU Inter-collegiate Banglore Zone Basketball (M) Tournament 2019-20' on 16th and 17th September 2019, organized by NHCE, Banglore.
14. Sachin T D, Madhav Kumar, Anagha R, Vaishnavi and Sharvari have participated in '40th Year Nagesh Rao Maanay Memorial Inter-Collegiate Throw Ball Tournament- 2019' on 20th and 21th September 2019, organized by BNMIT, Banglore.
15. Monisha G has won Bronze Medal in '400Mtrs Individual Medley', Silver Medal in '200Mtrs Butterfly' and Bronze Medal in '200Mtrs Individual Medley in VTU Inter-collegiate Single Zone Swimming (M&W) Competition 2019-20' on 18th September 2019 held at Basavanagudi Aquatic Center, organized by MSRIT, Banglore.
16. Abhishek Anjan Pai and Praneeth Kumar have participated in 'VTU Inter-collegiate Single Zone Swimming (M&W) Competition' 2019-20 on 18th September 2019, held at Basavanagudi Aquatic Center, organized by MSRIT, Banglore.
17. Chethan, Akash and Dewang have participated in 'VTU Inter-collegiate Banglore Zone Basketball (M) Tournament 2019-20' on 16th and 17th September 2019, organized by NHCE, Banglore.
18. Anagha R, Vaishnavi and Sharvari have participated in 'Dr. B.N.V. Subramanya Memorial Inter-Collegiate Throw Ball Tournament 2019-20' on 6th and 7th September 2019, organized by Jyothy Institute of Technology,Banglore.
19. Soora Shivani, T. Sai Srujan and Devam have participated in 'VTU Inter-collegiate Banglore Central Zone Badminton (M&W) Competition 2019-20' on 24th and 25th August 2019, organized by SEACET, Banglore.
20. Heena Kouser have participated in 'VTU Inter-collegiate Inter Zone Chess (M&W) Competition 2019, from 20th to 22nd August 2019, organized by SJMIT, Chitradurga.
21. Heena Kouser and Vishnu R Acharya have participated in 'VTU Inter-collegiate Inter Zone Chess (M&W) Competition 2019' on 16th and 17th August 2019, organized by Jyothy Institute of Technology Banglore.
22. Kishan Kumar Jaiswal,Vallish and Maruthi have participated in '21st M S Ramaiah Memorial State Level Invitational Inter Engineering College Cricket Tournament 2018-19' from 30th October to 1st November 2018, organized by Ramaiah Institute of Technology Bangalore.
23. Monisha G has participated in 'All India Inter University Swimming Championship 2018' from 2nd to 4th November 2018, organized by VTU, Belagavi held at Basavanagudi Aquatic Centre Bangalore.
24. Sharvari K S has participated in the 'South Zone Inter University Volley Ball (Women's) Tournament 2018-19' from 27th to 31st October 2018, organized by KI University Veddeswram Guntur Dist. (AP).

25. Dhanik I S, Akshay B A and Bharath H B have participated in 'VTU Inter Collegiate Athletic Meet 2018-19' from 26th to 29th October 2018, held at SJCE, Chickballapur.
26. Chirag has participated in 'VTU State Level Wrestling & Judo (M&W) Competition 2018-19' from 15th to 17th October 2018, held at Sapthagiri CE, Bangalore.
27. Sharvari K.S and Anagha R have participated in 'VTU Inter Zone Throw ball (W) Tournament 2018' from 12th & 13th October 2018, held at BNMIT, Bangalore.
28. Akshara G Dutt, Sharvari K.S, Anagha R and Amogha.R.Chandra have secured runner-up place in 'VTU Central Zone Throw ball (W) Competition 2018-19' on 9th & 10th October 2018, held at Vemana Institute of Technology Bangalore.
29. Suhas H , Sachin and Siddiq pasha S K have participated in 'B.N.V Memorial 2nd state Level Throw ball (M &W) Tournament 2018-19' on 05th & 06 October 2018, organized by Jyothy Institute of Technology Bangalore.
30. Ranjitha J has secured the third place in '200 Mtrs Back stroke and 400 Mtrs Free Style Events of VTU State Level Swimming (M&W) Competition 2018' on 3rd October 2018 held at Basavanagudi Aquatic Centre Bangalore, organized by BMSCE Bangalore.
31. Monisha G has secured the third place in '100 Mtrs Best Stroke' ,third place in '100Mtrs Butter fly' and third place '200 Mtrs Best Stroke events' of VTU State Level Swimming (M&W) Competition 2018 on 3rd October 2018, held at Basavanagudi Aquatic Centre Bangalore, organized by BMSCE, Bangalore.
32. Shubang Mukund , Vinay C M , Vishnu R Acharya , Suhas H , Siddiq pasha S K, Abhishek and Kishan KR Jaiswal have participated in 'VTU Bengaluru Zone Softball (M) Competition 2018' on 4th and 5th October 2018, held at Sir MVIT, Bangalore.
33. Akshara G Dutt has secured the 4th place in 'VTU (signal Zone) State Level Lawn Tennis (W) Competition 2018' on 29th and 30th September 2018, organized by VTU, Belagavi.
34. Rajeev Ramesh, Jai Raj Pisupati and Nikhil H. Y have participated in 'VTU Bengaluru Zone Lawn Tennis (M) Competition 2018' on 21st and 22nd September 2018, organized by VTU, Belagavi.
35. Sudhanva Hebbale, Harsith R M, Dewang Goplani and Rajdeep Chauhan have participated in 'VTU Intercollegiate Bangalore central Zone Basket Ball (M) Competition 2018-19' on 14th and 15th September 2018, held at MSRIT, Bangalore.
36. Amogha R Chandra, Rakshita T J, T sai srujan, Sharvari K Akshara G Dutt, Suhas H , Siddiq Pasha S K and Sachin have won in '39th Nagesh Rao Maanay Memorial Inter – Collegiate Throw Ball Tournament 2018' on 7th and 8th September 2018, held at BNMIT Bangalore.
37. Akshay G Rao has secured the fourth place in 'VTU Tournament VTU inter Collegiate Inter Zone Chess (M &W) Tournament 2018-19' from 26th to 28th March 2018, held at MVJCE, Bangalore.
38. Akshay G Rao has secured the eighth place in 'VTU Tournament VTU inter Collegiate Bangalore Zone Chess (M &W) Tournament 2018-19' on 16th and 17th March 2018, held at RVCE, Bangalore.
39. Rakshitha , Akshara G Dutt and Sharvri K S have entered semifinals in 'VTU InterCollegiate Central Zone Throw Ball (Women) competition 2017 – 18' on 6th to 7th October 2017, held at East West Institute of Technology, Bangalore
40. Akshara G Dutt has won in 'VTU Inter Zone Lawn Tennis Tournament (Women) 2017-18' from 12th to 14th September 2017, held at VVCE, Mysore.
41. Monisha G has secured the second place in ,200 Mts medley and third place in 200 Mts Best Stroke in VTU State Level Swimming Competition 2017-18' on 30th August 2017, held at BNMIT, Bangalore.
42. Ranjeetha J has secured the third place in '200 Mts Fly', the second place in '200 Mts Back Stroke', and the third place in '800 Mts Free Style in VTU State Level Swimming Competition 2017-18' on 30th August 2017, held at BNMIT, Bangalore.
43. Japesh M has won in carrom singles event of 'Sarvodaya-2017', organized by Vivekananda Vidyarthi Nilaya, Bangalore.
44. Chandana P has won in 'Prof. Mukherjee Memorial Table Tennis Tournament' from 3rd to 6th March 2017, organized by BMS College of Engineering, Bangalore.

45. Japesh M has secured the second place in 'Carom Doubles Event of Sambhrama-2016', organized by CVMS Old Boys Association, Bangalore.
46. Shreya Deepak has secured the first place in 'Half Marathon event of 19th VTU Inter Collegiate Athletic meet 2016-2017' from 15th to 18th November 2016, organized by Dr. Thimmaiah Institute of Technology, Kolar Gold Fields.
47. Manasa A V was a part of team which secured 'runners-up place in Throw-Ball event of VTU Inter Collegiate Zonal Tournaments' on 8th and 9th October 2016, held at CMRIT, Bangalore.
48. Chandana P has won in 'Table Tennis Event of VTU Inter Collegiate Inter Zone Tournament/Competition' from 5th to 7th October 2016, held at S.I.T, Tumkur.
49. Chandana P has won in 'VTU Bangalore Central Zone Table Tennis' on 28th and 29th September 2016, held at HKBK College of Engineering, Bangalore.
50. Sumuka has secured the runners-up place in 'VTU Bangalore Central Zone Table Tennis' on 28th and 29th September 2016, held at HKBK College of Engineering, Bangalore.
51. Ranjeetha J has secured the third place in '800Mts Free Style in VTU Inter Collegiate Inter Zone Tournaments' 24th and 25th August 2016, held at Global Academy of Technology, Bangalore.
52. Ranjeetha J has won in 'Zoom Butterfly event of VTU Inter Collegiate Inter Zone Tournaments' 24th and 25th August 2016, held at Global Academy of Technology, Bangalore.
53. Chandana P has won in 'Table Tennis event of KREEDOTSAV-15 State Level Inter Collegiate Tournament (Prof. Mukherjee Memorial Tournament)' from 1st to 3rd October 2015, organized by BMS College of Engineering, Bangalore.
54. Chandana P and Anushka Srinivasa has won in 'Table Tennis event of VTU Inter Collegiate Inter Zone Tournaments' from 10th to 12th September 2015 held at AIT, Chikkamagaluru.

Cultural Achievements:

1. Janardhan S has secured a B high Grade in 'All India Radio Audition'.
2. Mathangi has secured a gold medal in 'Mimicry and Elocution Events at State Level VTU Youth Festival' from 2nd to 4th November 2018, held at BKIT College, Bidar organized by VTU,Belagavi.
3. Janardhan S has secured a gold medal in 'Non Percussion (Violin) in State Level VTU Youth Festival' from 2nd to 4th November 2018, held at BKIT College, Bidar organized by VTU, Belagavi.
4. Sanjana Rao, Archita V,Asmitha V and Soumya Rao T have secured a gold medal in 'Percussion Folk Dance in State Level VTU Youth Festival' from 2nd to 4th November 2018 held at BKIT College, Bidar organized by VTU,Belagavi.
5. Adithi Nadig has secured gold medal in 'Indian Group Song in State Level VTU Youth Festival' from 2nd to 4th November 2018, held at BKIT College, Bidar organized by VTU, Belagavi.
6. Pooja Baburaj has secured a silver medal in 'Western Group Song in State Level VTU Youth Festival' from 2nd to 4th November 2018, held at BKIT College, Bidar organized by VTU, Belagavi.
7. Rahul Niranjan, Ullas Prajwal. H C and Janardhan S have secured a bronze medal in 'Western Group Song in State Level VTU Youth Festival' from 2nd to 4th November 2018, held at BKIT College, Bidar organized by VTU, Belagavi.
8. Bhargavi H Venkatram has secured the first place in Indian Group Song in 'Kala Surabhi', 18th VTU Fest from 11th to 13th April 2018, held at Angadi Institute of Technology, Belagavi organized by VTU, Belagavi..
9. Vishak R has secured the first place in Indian Group Song in 'Kala Surabhi', 18th VTU Fest from 11th to 13th April 2018, held at Angadi Institute of Technology, Belagavi organized by VTU, Belagavi..
10. VishaK R, Ullas Prajwal. H C and Rahul Niranjan have secured the third place in skit in 'Kala Surabhi', 18th VTU Fest from 11th to 13th April 2018 held at Angadi Institute of Technology, Belagavi, organized by VTU, Belagavi..
11. Dyuthi S Jahagirdar has secured the first place in Indian Group Song in 'Kala Surabhi', 18th VTU Fest from 11th to 13th April 2018 held at Angadi Institute of Technology, Belagavi organized by VTU, Belagavi..

12. Dyuthi S Jahagirdar has secured the third place in – Light vocal solo in 'Kala Surabhi', 18th VTU Fest from 11th to 13th April 2018, held at Angadi Institute of Technology, Belagavi organized by VTU, Belagavi..
13. Mathangi S has secured the third place in –Mimicry in 'Kala Surabhi', 18th VTU Fest from 11th to 13th April 2018, held at Angadi Institute of Technology, Belagavi organized by VTU, Belagavi.
14. Shrinidhi H R has secured the third place in –Skit in 'Kala Surabhi', 18th VTU Fest from 11th to 13th April 2018, held at Angadi Institute of Technology, Belagavi organized by VTU, Belagavi.
15. Janardhan S has secured the third place in – Classical Instrumental (Non-percussion) in 'Kala Surabhi', 18th VTU Fest from 11th to 13th April 2018, held at Angadi Institute of Technology, Belagavi organized by VTU, Belagavi.
16. Vishnu R Acharya has secured the third place in –Skit in 'Kala Surabhi', 18th VTU Fest from 11th to 13th April 2018, held at Angadi Institute of Technology, Belagavi organized by VTU, Belagavi.
17. Rahul Niranjan has secured the first place in 'BNM Idol' -2018, organized by BNMIT.
18. Pradhan B Suresh has secured the first place in IPL Auction in 'UTSAV' 2017, organized by BMSCE, Bengaluru
19. Rahul Nayak and Ullas Prajwal. H C have secured the second place in 'Skit and One Act Play in 17th VTU Youth Festival Yuva Kalanjali 2017' from 16th to 19th March 2017, held at Sir M Visvesvaraya Institute of Technology, Bengaluru
20. Bhargavi Venkataram was awarded with 'Ananya-Nadajyothi Kala Prathibha Puraskar-2016 (Vocal) 'on 18 December 2016 in Yuvothsava 2016 Young Musician's Festival organized by Committees of Nadajyothi Sri Thyagaraja Swamy Bhajana Sabha and Ananya, GML Cultural Academy.
21. Rahul Nayak K was awarded with 'Scholar of Vishwa Konkani Student Scholarship Fund in Scholars Life skills Development Programme' in August 2016, organized by Konkani Students Higher achievement Motivation and Training Academy.
22. Namana M has secured the third place in 'No Tobacco day, 5K Tread Mill Challenge' from 16th May to 19th June 2016, organized by Gold's Gym Basaveshwarnagar, Bengaluru
23. Rahul Nayak K has secured the first place in 'Folk Orchestra' and second place in 'One Act Play in 16th VTU Youth Festival Chakravyuh 2015-16' from 7th to 10th May 2016, organized by Alva's Institute of Engineering & Technology, Mangalore
24. Bhargavi Venkataram was awarded with a cash prize of Rs 5000 for the first place in 'Air Music Competition 2015' on 26th February 2016 organized by Prasar Bharathi, India's Public Service Broadcaster, Air Chennai.
25. Bhargavi Venkataram has secured the second place in 'Carnatic Music-Classical Vocal ITC-SRA Award-2015' on 30th January 2016, organized by ITC-Sangeet Research Academy.
26. Japesh has secured the first place in 'Treasure Hunt MALAKALA 2015-2016' organized by MALAKALA Hostel in 2016 .

Department of Electronics & Communication Engineering:

Student Achievements

The department has obtained 14 VTU Ranks (12-UG Ranks, 02-PG Rank)

Vaishnavi B R
3rd Rank
2017-18

Bindhya Shree V
2nd Rank
2015-16

Bhagyalaxmi D S
6th Rank
2015-16

Prathima R
6th Rank
2013-14

Shwetha R
7th Rank
2013-14

M Hanuma Teja
10th Rank
2011-12

Niharika R M
9th Rank
2010-11

Sharvari B R
7th Rank
2010-11

Sowmya R
5th Rank
2010-11

Hari Priya E R
8th Rank
2009-10

Lakshmi J
7th Rank
2008-09

Chandrakala C S
5th Rank
2006-07

Sarah Iram L Indikar
3rd Rank
M.Tech ECE – 2015-16

Pavan Kumar M P
4th Rank
M.Tech ECE – 2018-19

Technical achievements:

1. Swetha Holla U and Sri Hari Priya Rai of 4 Semester won first place in the intercollegiate event Corporate Conglomerate sponsored by West Point in Technical fest TATVA2019, 22-23 Mar 2019.
2. The project team members, Raghavendra D S, Rishab Bhansali, Vishnu Prasad Bhat, Mohan D of VI 'C', won Project Champion award with cash prize of Rs. 10,000 at IPL Summer competition-2018 (College level) on 4thMay 2018
3. Deeksha More E K, Divya S, Kalyani G, Gouthami R of VI 'A' as a team, won Best Project award at 6th semester (College level) with Cash prize of Rs. 5000 in IPL Summer competition-2018 on 4thMay 2018.
4. The project team members, Kritika M Sharma and Aishwarya A of VIII 'A' won 3rdprize for their project at Technovate – 2018, at the State level Project Model Exhibition and Contest organized by BIT, Bangalore on 2nd May 2018.
5. Zeeshan Saquib, Suhas N. Bhargav, Vishaka Murari VI Sem were one among top 26 projects selected at national level to showcase their project "BlinDar: The invisible eye" at 12th National Innovation Challenge, IIT Delhi during 14th -15th July 2017.
6. The project from 7th sem ECE students –iBrella : A Smart Parasol won 3rd prize at IIT Guwahati during 31st Aug – 3rd Sept 2017. The team – Zeeshan, Sana & Ujjwal was declared as "The best social innovation champions" by better India!! The team also received a cash prize of Rs 45,000 .
7. Kritika M Sharma, Aishwarya A, Dr. Yasha Jyothi M Shirur published a journal titled "Power Efficient Destination Address Generator of Direct Memory Access Controller in Multiprocessor SoC" in IJIRCCE, Vol. 5, Issue: 7th, July 2017.
8. Akhila K, Karuna N, Kavya C, Dr. Yasha Jyothi M Shirur published a journal titled, "Design and implementation of Power Efficient Linear Feedback Shift Register for BIST using Verilog" in IJIRCCE, Vol. 5, Issue: 7th, July 2017.
9. Tejas C, Tejashwini V, Shuvankar Dhal & Sirisha P.S. of VII Sem presented a paper titled, "Flex controlled robotic arm for the amputees", in ICCES 2017 organized by PPG Institute of Technology, Coimbatore during 19th -20th Oct 2017.
10. Zeeshan Saquib, Sana Anaum & Ujjwal S of VII Sem presented a paper titled, "iBrella: A Smart Parasol", in ICICI 2017 organized by Ranganathan Engineering College, Coimbatore during 23rd -24th November 2017.

Sports achievements:

1. Kanakaraj of 6 Sem ECE participated in VTU Inter-Collegiate Zonal Tournament and won runner up place in Volley Ball held at NMIT, Bangalore on 8-9 Mar 2019.
2. Girija Unnibhavi of 6 Sem and Sri Hari Priya Rai of 4 Sem participated in VTU Inter-Collegiate Zonal Tournament and the team has won runner up place in Volley Ball held at NMIT, Bangalore
3. S Maganti was part of team which won 4th Place in VTU (signal Zone) State Level Lawn Tennis (W) Competition 2018 organized by VTU, Belgaum on 29th & 30th Sept 2018.
4. Raksha Ramkumar and Sowmyashree of VI sem ECE, are the runner ups in State level Inter Collegiate Memorial Tournament BMSCE Kreedotsav, organized by BMSCE, Bangalore during 8th – 10th March 2018.
5. Deeksha More K and team of VI sem ECE were the runner ups in VTU inter Collegiate Bangalore Zone Chess (M & W) Tournament, organized by RVCE, Bangalore on 16th-17th March 2018
6. Shreya Deepak of VIII 'B' secured 2ndPlace (Silver Medal) in VTU Bangalore Single Zone cross country (M & W) competition - 2018 organised by NMAIT Nitte, Mangalore on 27th -28th Feb 2018
7. Raksha Ramkumar of VI sem, ECE, won the best player award for table tennis in Jain University Inter Collegiate (VIE 2018) Tournament, organized by S.J.M. Institute of Technology during 25th – 28th January 2018.
8. Raksha Ramkumar & Sowmyashree, of V sem are the runners up in VTU Intercollegiate Bangalore Central Zone Table tennis tournament, organized by HKBKCET Bangalore on 28th and 29th August 2017.
9. Shreya Deepak of VII sem, won 2nd and 3rd place in 200 mtrs Fly and 400 mtrs Medley in VTU State level Swimming Competition, organized by BNMIT, on 30th August 2017.

10. Raksha Ramkumar & Sowmyashree, of V sem are the runners up in VTU Inter Zone Table Tennis (women) Competition, organized by RLJIT, Doddaballapur, during 31st August to 1st September 2017.
11. Ujwal S of VII sem & Raksha Ramkumar of V sem, are the winners in VTU Inter Zone Lawn Tennis Tournament, organized by VVCE Mysore during 12th – 14th September 2017.
12. Shreya Deepak of VII sem secured Gold Medal in 5000 mtrs, 10000 mtrs, 21km Half Marathon in VTU Inter – Collegiate Athletic Meet organized by Visvesvaraya Technological University, Belgaum during 2nd – 6th November 2017.

Cultural achievements:

1. Anirudh Aithal of V sem won Gold Medal in Light Vocal Solo at Annual Inter-college VTU Cultural Youth Festival 2018-19 held at BKIT, Bhalki, during 2nd – 4th Nov 2018.
2. Shivani Rajan of V sem won Gold Medal in Western Solo at Annual Inter-college VTU Cultural Youth Festival 2018-19 held at BKIT, Bhalki, during 2nd – 4th Nov 2018.
3. Rakshitha, Shreya and Sonika were part of Folk Dance team which won Gold Medal at Annual Inter college VTU Cultural Youth Festival 2018-19 held at BKIT, Bhalki, during 2nd – 4th Nov 2018.
4. Rakshitha A, Pooja R and Anirudh Aithal were part of Indian Group Song Team which won Gold Medal at Annual Inter-college VTU Cultural Youth Festival 2018-19 held at BKIT, Bhalki, during 2nd – 4th Nov 2018.
5. Sujatha Kamath and Shivani Rajan were part of Western Group Song Team which won Silver Medal at Annual Inter-college VTU Cultural Youth Festival 2018-19 held at BKIT, Bhalki, during 2nd – 4th Nov 2018.
6. Priyanka of V sem won Bronze Medal in Cartooning at Annual Inter-college VTU Cultural Youth Festival 2018-19 held at BKIT, Bhalki, during 2nd – 4th Nov 2018.
7. Anirudh Aithal of V sem won Bronze Medal in Classical Vocal Solo at Annual Inter-college VTU Cultural Youth Festival 2018-19 held at BKIT, Bhalki, during 2nd – 4th Nov 2018.
8. Gowri, Vishnu N and Ganesh Murthy were part of One Act Play team which won Bronze Medal at Annual Inter-college VTU Cultural Youth Festival 2018-19 held at BKIT, Bhalki, during 2nd – 4th Nov 2018.
9. Anirudh Aithal of IV sem won Gold in the Classical Vocal Solo at State Level VTU Youth Festival held at Angadi Engineering College Premises, Belagavi, during 11th – 13th April 2018.
10. Rakshitha R, Rakshitha A, Pooja R were part of Indian Group Song team which won Gold at State Level VTU Youth Festival held at Angadi Engineering College Premises, Belagavi, during 11th – 13th April 2018.
11. Ganesh Murthy of VI sem won Bronze in Percussion (Ghatam) at State Level VTU Youth Festival held at Angadi Engineering College Premises, Belagavi, during 11th – 13th April 2018.
12. Vishnu N of II Sem was part of Skit group which won Bronze at State Level VTU Youth Festival held at Angadi Engineering College Premises, Belagavi, during 11th – 13th April 2018.
13. Madhuri Kaushik B J of VIII sem won 1st place and Gold medal in Classical Vocal (Solo) at 17th VTU Youth Festival, Yuva Kalanjali, organized by Sir MVIT, Bangalore during 16th -19th March 2017.
14. Ganesh Murthy of IV Sem won 1st place and Gold medal in Percussion at 17th VTU Youth Festival, Yuva Kalanjali, organized by Sir MVIT, Bangalore during 16th -19th March 2017.

Department of Information Science & Engineering:

Student Achievements

The students of the department of ISE have bagged 5 university ranks till date.

Rajalakshmi K R
1st Rank
M.Tech,Software Engineering
2016-17

Anusha V
4th Rank
2016-17

Akanksha Bharadwaj
6th Rank
2016-17

Neetu Purba
7th Rank
2016-17

Aparna B V
6th Rank
2016-17

Technical Achievements:

1. Brahma S P of III Semester and NayanaBhat of V Semester won I place in the 24-hour State Level Hackathon held at KSIT, Bengaluru on 9th and 10th November 2018.
2. JatinRajpal of III Semester participated and qualified to the second round in the Meshmerize event conducted by IIT Bombay at UVCE Bangalore.
3. Hiranmayee S Dixith, Kirthi, Likhita B and Manasa Deshpande of V Semester were finalists in the 24-hour State Level Hackathon at KSIT, Bengaluru on 9th and 10th November 2018.
4. Bharath S, Rajat M Jain and Vinay S of III Semester were finalists in the 24-hour State Level Hackathon at KSIT, Bengaluru on 9th and 10th November 2018.
5. Krithi and Hiranmayee S Dixith showcased their project "Audiometer" at IEEE CCEM 2018.
6. Mithun R, Mohammed Sadiq and Neha Rajeeva showcased their project "P2P Cloud Computing" at IEEE CCEM 2018.
7. Ron Astle Lobo, Shridhar Suresh Bhat and J Shesha Shankar has secured 2nd place in National Level students project exhibition held at New Horizon College of Engineering, Bangalore on 19th May 2018.
8. Skanda Prasad and Rakshith G M of IV semester has won 1st place in IEEE Quiz on 27th April 2018.
9. Ujjanth Arhan of IV semester was in the team which developed an app for Arohan 2018 conducted by Department of MBA.
10. Shrey Arora of VIII semester completed 1 month internship in Customised Technologies pvt. Ltd.

11. Vidhya Murthy of VIII semester completed 1 month internship in Mercedes-Benz and worked with ITM/CG department on the topic "Understanding of Cyber Security at an Automotive Company" Feb 2016.
12. Nagashree of VI semester won second place in English Essay writing in Uttishta 2017, BNMIT.
13. Akhila P of IV semester is a Student Entrepreneur, Co-founder of EMBER.
14. Sumkh, Srikanth, Shaista Fathima and Sunidhi Gurudatt, Utkarsh Jogani won in IPL competition for their project titled "Lead the way".
15. Sai Navneeth V won in IPL competition for their project titled "Hiding in a plain sight" a Steganograthy tool.

Sports Achievements:

1. Mahesh Kumar S of III semester was part of the team that won I prize in Y. Nagesh Rao Maanay Memorial Throwball Tournament held at BNMIT, Bengaluru.
2. Nayana Bhat, Likhita B and ManasaDeshpande of V Semester were part of the team that won I prize in Y. Nagesh Rao Maanay Memorial Throwball Tournament held at BNMIT, Bengaluru.
3. Nayana Bhat, Likhita B and Manasa Deshpande of V Semester were part of the team that won Runner up in VTU Central Zone Throwball Tournament-2018 held at Vemana Institute of Technology, Bengaluru.
4. Thanusha S.P. of VIII semester has won Gold medal in 50m and Bronze medal in 30m at interzonal VTU archery tournament.
5. Nayana Bhat – III sem has been awarded Central Zone Runner-up in Throw Ball (VTU), III Prize in 400m Relay (27 Oct 2017), III prize in 200m (27 Oct 2017), II prize in Inter Department Throw Ball competition and I prize in Inter Department Badminton competition.
6. Likitha B – III sem has been awarded Central Zone Runner-up in Throw Ball (VTU), II Prize in 400m Relay th (27 Oct 2017) and II prize in Inter Department Throw Ball competition.
7. Pallavi V Rao of VII semester have won I place in Table Tennis and II place in throw ball.

Cultural Achievements:

1. Akshay Anand of VII Semester has won Gold medal in Instrumental solo (percussion) at 19th Inter-collegiate VTU Youth Festival.
2. Manish Y M of VII Semester has won Bronze medal in One Act Play at 19th Inter-collegiate VTU Youth Festival.
3. Sumukh Venugopal of VII Semester has won Gold medal in Indian Group Song and Silver medal in Western Group Song at 19th Inter-collegiate VTU Youth Festival.
4. Sunidhi G of VII Semester has won Gold medal in Group Folk Dance, Bronze medal in Classical Dance solo and Bronze medal in One Act Play at 19th Inter-collegiate VTU Youth Festival.
5. Sudarshan Rao of VII Semester has won Bronze medal in One Act Play at 19th Inter-collegiate VTU Youth Festival.
6. Hiranmayee S Dixith of V Semester has won Gold medal in Indian Group Song and Bronze medal in One Act Play at 19th Inter-collegiate VTU Youth Festival.
7. Akshay Anand of VII Semester has been awarded the Bharat Ratna MS Subbulakshmi Fellowship for Mrindagam from Shanmukhanandha Sabha Bombay
8. Sumukh Venugopal of VI Semester has won Gold medal in Indian Group Song, VTU Youth Festival 2018.
9. Akshay Anand of VI semester has won RAGA LAYA PRABHA AWARD by Karnataka Kalashree on 13th 2018.
10. Hiranmayee S Dixith of IV semester has won 1st place in group song, VTU Youth Festival 2018.
11. SudarshanRao M of VI semester has won bronze medal in skit, VTU Youth Festival 2018.
12. Akshay – V sem has been Awarded the Bharat Ratna MS Subbulakshmi Fellowship for Mrindagam from Shanmukhananda Sabha Bombay(SEP-2017).
13. Harshitha. P- III Sem has been awarded II prize in Bhavageethe singing competition conducted by KALABHAGEERATHI club.

Department of Electrical & Electronics Engineering:

Student Achievements

Exceptionally good results are obtained with most of the batches achieving 100% success, and many of them securing First Class with Distinction. Our Students have secured total 9 ranks in university exams.

Prathyusha A
1st Rank with Gold Medals
2013-17

Roopa M
4th Rank
2013-17

Supriya N Hebbi
9th Rank
2013-17

Anushree R
1st Rank Gold Medal
2009-13

Aparna Sinha
5th Rank
2009-13

Megha Vishwanath
9th Rank
2008-12

Subhashish Panda
3rd Rank
2007-11

Komal Prasad B
10th Rank
2004-08

Archana S
10th Rank
2002-06

Technical Achievements:

1. 1. Divyashree N of 5 Sem won Best Poster Award for the poster entitled 'Dye Sensitised Solar Cell' presented in Symposium on Nanotechnology and its Applications jointly organized by IEEE-BNMIT student branch and IEEE Nanotechnology Council, Bangalore Section on 20th September 2019 at BNMIT Bangalore.
2. Manjesha G M, Vishnu S of 6 Sem won the Best Project Award at semester level IPL winter competition 2019 for their 6th Sem project titled 'Advanced Road Safety System for Blind Corners'.
3. Harsha G Math, B Sanjeev, Divyashree N of 4th Sem won the Best Project Award at semester level IPL winter competition 2019 for their 4th Sem project titled 'Chalk Board Duster Cleaner'.
4. Chandrashekar M S, Manjesha K, Sujaksha S Shetty of 2nd Sem won the Best Project Award at semester level IPL winter competition 2019 for their 2nd Sem project titled 'Voice Controlled Car'.
5. Praveen Prabhu Y, Anirudh M S of 2nd Sem won the Best Project Award at semester level IPL winter competition 2019 for their 2nd Sem project titled 'Smart Extension Box'.

6. Vishnu S of 6th Sem, EEE successfully completed the NPTEL course "Advances in UHV Transmission and Distribution". In the due process, he secured a place among the topper 5% group.
7. Zaheer Pasha of 6th Sem, EEE successfully completed the NPTEL course "Electronic Modules for Industrial Applications using Op-Amps".
8. Chepalli Sree Soumya of 6th Sem, EEE successfully completed the NPTEL course "Introduction to Smart Grid".
9. Anil Kumar of 6th Sem, EEE secured 2nd place for the event "Make it work" in Annual Technical Fest TATVA 2019 held during 22nd & 23rd March 2019 in BNMIT.
10. M J Anirudh of 2nd Sem, EEE secured 2nd place for the event NES-Most Wanted Gaming in the Annual Technical Fest TATVA 2019 held during 22nd & 23rd March 2019 in BNMIT.
11. Anil Kumar, Akarsh H R, Tarun T K, Sunil K M, EEE won the Best Project Award at semester level IPL winter competition 2018 for their 5th Sem project titled "Opti Draw 2.0".
12. Krithika K V, Harshitha T A, Divyashree N, Anusha Singh, EEE won the Best Project Award at semester level IPL winter competition 2018 for their 3rd Sem project titled "Dual Tone Multi-Frequency Robot".
13. Keshav Jindal of 8th Sem, EEE was presented with a certificate of appreciation and award of 15% scholarship for participating in "Google IT" event conducted in 2019 by The GATE Academy.
14. Keshav Jindal of 8th Sem, EEE was presented with a certificate of appreciation and award of 15% scholarship for participating in "Techno Gen" event conducted in 2019 by The GATE Academy.
15. Harsha G Math, B Sanjeev of 4th Sem, EEE participated in two day Boot Camp on "Visualization& Cloud" organized by BNMIT, Bengaluru in association with BITES on 23rd & 24th February 2019.
16. Vishal V Kaushik, Meghana V, Chandana E Gowda, Sindhu K R of 6th Sem, EEE was awarded a certificate of appreciation for the contribution in the organizing committee of the Annual Technical Fest TATVA 2019 held during 22nd & 23rd March 2019 in BNMIT.
17. Keshav Jindal of 8th Sem, EEE was awarded a certificate of appreciation for the contribution in the organizing committee of the Annual Technical Fest TATVA 2019 held during 22nd & 23rd March 2019 in BNMIT.
18. Rohith Mukherjee, Praneta Dashora, Sahil Kumar, Rashi Singh, EEE won the Best Project Award at semester level IPL winter competition 2018 for their 3rd Sem project titled "Bluetooth Automated Lock System".
19. Abhishek Sudan, Surya R, Swathi M, EEE won the Best Project Award at the department level IPL winter competition 2018 for their 5th Sem project titled "Park it Here".
20. Heena Kouser, Hemanth M K, Pradeep, EEE won the Best Project Award for their 8thSem project titled "Robotic Boat".
21. Nivedita Vaishnavi B, Shobhita Rajashekar, Sushme D S, EEE won the Best Project Award for their 8th Sem project titled "Standalone Photovoltaic Power Generation with Cascaded H-Bridge Multilevel Inverter".
22. Sumit Kumar Mishra, EEE won the Best Presentation Award for 8th Sem project titled "Smart Energy Metering and Billing System".
23. Manasa K R of 8th sem, EEE won the Best Outgoing Student Award 2018-2019.
24. Aditya Ramesh, Asheesh M, Shreeyash B & Sahil A of 2nd Sem, EEE was presented with a certificate of appreciation and award of 15% scholarship for participating in "Chuck Gliding" event conducted in 2019 by The GATE Academy.
25. Likitha M, Karthik Nandakumar Pai of 2nd Sem, EEE was presented with a certificate of appreciation and award of 15% scholarship for participating in "Circuit Debugging" event conducted in 2019 by The GATE Academy.
26. Keshav Jindal of 8th Sem, EEE was presented with a certificate of appreciation and award of 15% scholarship for participating in "Google IT" event conducted in 2019 by The GATE Academy.
27. Keshav Jindal of 8th Sem, EEE was presented with a certificate of appreciation and award of 15% scholarship for participating in "Techno Gen" event conducted in 2019 by The GATE Academy.
28. Harsha G Math, B Sanjeev of 4th Sem, EEE participated in two days Boot Camp on "Visualization& Cloud" organized by BNMIT, Bengaluru in association with BITES on 23rd & 24th February 2019.

29. Vishal V Kaushik, Meghana V, Chandana E Gowda, Sindhu K R of 6th Sem, EEE was awarded a certificate of appreciation for the contribution in the organizing committee of the Annual Technical Fest TATVA 2019 held during 22nd & 23rd March 2019 in BNMIT.
30. Keshav Jindal of 8th Sem, EEE was awarded a certificate of appreciation for the contribution in the organizing committee of the Annual Technical Fest TATVA 2019 held during 22nd & 23rd March 2019 in BNMIT.
31. Vishnu S of 6th Sem, EEE successfully completed the NPTEL course "Advances in UHV Transmission and Distribution". In the due process, he secured a place among the topper 5% group.
32. Zaheer Pasha of 6th Sem, EEE successfully completed the NPTEL course "Electronic Modules for Industrial Applications using Op-Amps".
33. Chepalli Sree Soumya of 6th Sem, EEE successfully completed the NPTEL course "Introduction to Smart Grid".
34. Suparna Bose of 7 Sem presented a paper on "Green Campus Initiative", Idea Conclave for Better Bengaluru held on 2 & 3 of November 2018 at M.S.Ramaiah College of Arts, Science and Commerce, Bengaluru.
35. Roshan S, Nayana R & Sushant Kumar of VIII Semester have Participated and presented a Business Plan for the project "Human Energy Harnessing" in MANTHAN – 2018 organized by FKCCI, Bengaluru on 01-06-2018.
36. K Shashank Rao, Monali G Pawar & Sachin B Jain of VIII Semester have Participated and presented a Business Plan for project " Blind Jacket" in MANTHAN – 2018 organized by FKCCI, Bengaluru on 01-06-2018.
37. Swathi M, Syed Abrar of IV semester have won Transport Challenge Award for Development of the prototype on " Smart Village – Karnataka, 2018" in Open Innovation Hackathon, held at NHCE, Bengaluru during April 2018
38. Syed Abrar of IV semester has won 1st Place in the event "The Electronics Design Challenge", held at PESIT South Campus, Bengaluru from 03-03-2018 to 04-03-2018.
39. Manasa K R of V sem has won 1st place in a technical talk on "Smart Grid" in Katalyst Tech Fest-2017 on 28 September 2017 conducted in Siemens.
40. Manasa K R of V sem has won 2nd place in Mini Engineering Project on "Wireless Mobile Charger" in Katalyst Tech Fest-2017 on 28 September 2017 conducted at Siemens.
41. Vasudev R VII sem EEE got 1st place and awarded Star Entrepreneurship award conducted by Entrepreneurship Development Institute of India in Partnership with Sarala Jeevana TV.

Sports Achievements:

1. Bhavana C of 3 Sem, EEE won KATA (Individual) & KUMITE (Team) events in Inter DOJO Karate Championships held at Rashtrotthana Yogic Sciences & Research Institute on 1 & 2 December 2018.
2. Bhavana C of 3 Sem, EEE secured runner-up in Throw Ball Inter-collegiate held at Vemana Institute of Technology, Bangalore on 9th and 10th October 2018.
3. Nishanth S of 7 Sem, EEE secured runner-up in 100 m & 200 m breaststroke Inter-collegiate Swimming Competition held at BMSCE, Bangalore on 3rd and 4th October 2018.
4. Swetha S of 7 Sem, EEE secured runner-up in Inter-zonal Table-tennis Tournament at Sapthagiri College of Engineering on 6th and 7th September 2018.
5. Swetha S of 7 Sem, EEE secured first place in Inter-collegiate Table-tennis zonal Tournament at BNMIT on 3rd and 4th September 2018.
6. Swetha S of 7 Sem, EEE secured first place in Prof. Mukherjee Memorial Table-tennis Tournament at BMSCE held from 20th to 24th September 2018.
7. Sanjeev B of 3 Sem, EEE secured a silver medal in Karnataka State Inter-school, Inter-collegiate and Open category 10 m, Open Sight Air Rifle Competition under – 23 (Mix Team) category organized by Seshadripuram Institute of Commerce and Management, Bangalore from 27th to 29th August 2018.

8. Krithika K V of 3 Sem, EEE secured a bronze medal in Karnataka State Inter-school, Inter-collegiate and Open category 10m, Open Sight Air Rifle Competition in under 19 girls (Individual) category organized by Seshadripuram Institute of Commerce and Management, Bangalore from 27th to 29th August 2018
9. Bhavana C of 3 Sem, EEE represented Karnataka state and won KATA event (above 18 years category) in All India Hakuakai Open Karate Championship, 2018 held at Koramangala Indoor Stadium on 11th and 12th August 2018.
10. Harshitha T A, Krithika K V& Divyashree of 2nd EEE Participated in VTU Single Zone Archery (M&W) Competition held at Don Bosco Institute of Technology Bangalore on 30th May 2018.
11. Hemanth M K, Shankar, Sanju S Hosur, Abhishek,& Puneeth Gowda of 4th & 6th SEM EEE, Participated in VTU inter Collegiate Bangalore Zone Kabaddi tournament held at TOCE Bangalore on 23th and 24th April 2018.
12. Meghana of 4th sem of EEE Participated in VTU inter Collegiate Inter-Zone Chess (M &W) Tournament at MVJCE, Bangalore from 26th to 28th March 2018.
13. Meghana 4th sem of EEE was runner up in VTU inter Collegiate Inter-Zone Chess (M &W) Tournament at RVCE, Bangalore, held on 16th and 17th March 2018.
14. Sri Divya C, Shashidhar, Shweath S, and Meghana of 4th, 6th and 8th sem EEE Participated(Throw ball & Volleyball Table tennis Chess) State level Inter Collegiate Memorial Tournament BMSCE Kreedotsav held at BMSCE Bangalore during 8th to 10th March 2018.
15. Nishanth S of V Sem EEE won 1st place in 50m, 100m, and 200m, 2nd place in 50m and 100m, 3rd place in 200m Breaststroke swimming during VTU meet held in Basavanagudi Aquatic center on 30th August 2017.
16. Nishanth S of V Sem EEE won 3rd place in 100m, 200m, and 400m in Freestyle and 3rd place in 200m and 400m in Individual Medley swimming during VTU meet held at Basavanagudi Aquatic center on 30th August 2017.
17. Nishanth S of V Sem EEE won 3rd place in 100m and 200m in Breaststroke swimming during Dasara Games-2017 organized by the Department of Youth service & sports, Government of Karnataka at St. Joseph's Indian High school Pool held during 14th and 15th September 2017.
18. Sri Divya C VI Sem EEE was Runners up Throwball in State Level Inter Collegiate Memorial Tournament, BMSCE Kreedotsav 2017 held at BMSCE, Bangalore, 3rd to 6th March 2017.
19. Zabi Khan of VIII sem EEE won the 1st place as “Mr. Utsav”, BMSCE UTSAV 2017 held at BMSCE, Bengaluru, 2017.
20. Manjuprasad S VII Sem EEE won 3rd place in 5000 m running race VTU Athletic meet, Kolar 15th to 18th November 2016.
21. Manjuprasad S VII Sem EEE won 2nd place in 10000 m running race VTU Athletic meet, Kolar 15th to 18th November 2016.
22. Manjuprasad S VII Sem EEE won 2nd place in Half Marathon 21 Km VTU Athletic meet, Kolar 15th to 18th November 2016.
23. Nishanth S of III Sem EEE won 2 Silver & 1 Bronze medals in VTU Intercollegiate competition during September 2016.
24. Nishanth S of III Sem EEE represented VTU in Chandigargh National Level competition securing 4th place.
25. Nishanth S of III Sem EEE won 3 Gold & 1 Silver medal in Dasara selection meet held in Bengaluru September 2016.
26. Nishanth S of III Sem EEE won 1 Gold, 2 Silver medals & individual Championship in Dasara games 2016 held in Mysore during October 2016.

Cultural Achievements:

1. Suparna Bose of 8th Sem, EEE secured 2nd place in Light vocal solo & Western Vocal Solo competition conducted during the year 2019.
2. Arpitha B M of 7 Sem, EEE secured First place in Folk/Tribal Dance (Group), Third place in One Act Play and participated in Skit in VTU Youth Fest held at BKIT, Bhalki from 2 – 4 November 2018.
3. Shobhita Rajashekar of 7 Sem, EEE participated in Installation and secured the second place in Western Group Song in VTU Youth Fest held at BKIT, Bhalki from 2nd – 4th November 2018.
4. S, Suparna Bose, Avadhanula Aslesh Kumar, Monisha. S Raghuveer Bhat, Ashwin Gowda, Kavya K of Vsem EEE were runners up in Street Play held at IISC, Bengaluru in October 2017.
5. Monisha S of IV sem EEE won 2nd Place in "Photography (Amateur)", TATVA – 2017, BNMIT, Bengaluru, during 3rd – 4th March 2017.
6. Vasudev R VII sem EEE awarded with Ananya Yuva Puraskara by Anaya Foundation and Nadajyothi, Malleswaram Sangeetha Sabha.

Department of Mechanical Engineering:

Student Achievements

The ME Department faculty not only insists and encourages the students to perform well in academics but also encrouges in technical, sports and cultural events. The students of ME have been instrumental in performing well beyond academics

Rahul Raj N
10th Rank
2015-16

Technical Achievements:

1. Nagpoojith, Rakshith and Someshwar students of VIII semester presents Pitch Changing Flute at Manthan 11th edition organized by FKCCI Bengaluru.
2. Yogesh N of IV successfully completed Online Course organized by Indian Institute of Technology Kanpur on Manufacturing Automation July- August 2019.
3. Akashar K R of V Semester presented his technical paper AGROTONA and won the Best paper award and got published in International Organization of Scientific Research Journal at National conference on "Recent Innovations in Engineering Science, Technology and Management – NCRIESTM-2019 in association with Department of Science and Technology and NSERB, Government of India, at AITD, Goa on 24th and 25th January 2019.
4. Akashar K R of V Semester presented his poster AGROTONA and won First prize in CNDRSO-2018 Conclave for Natural Disaster Reduction and Sustainability organized by KLE college, Bangalore on 13th October 2018.
5. Akashar K R of V Semester won the first place for idea presentation in Idea Conclave for Better Bangalore, organized by M S Ramaiah college of arts science and commerce Bangalore, on 2nd and 3rd October 2018.
6. Shravan Ananth of VII semester successfully completed the online course "Fundamentals of Surface Engineering: Mechanics, processing and characterization with consolidated score of 72% course conducted by Indian Institute of Technology Roorkee (July-October 2018).
7. Reethan D.L., Shreyas S.P. presented prosthetic arm and won third place in Navadhara 2K18 competition organized by Dev Bhoomi Group of Institution on 16th and 17th April 2018.
8. Amulya H.N., Deeksha Manohar Rao, Akashdeep K., Amith Narayan of VI semester won second prize in National Conference Jnanasangama 2018 organized by Viveknanda College of Engineering, Puttur on 16th May 2018.
9. Aditya Kumar, Vivek V.P., Rahul Kumar, Vasant Bhat of VIII semester presented a technical paper in National Conference Topical Transcend in Mechanical Technology' organized by SJB Institute of Technology, Bangalore on 09th May 2018.
10. Mithun Reddy of VI Semester attended workshop on Master Cam organized by GLISTEN Project Solution, Bangalore on 28th April 2018.
11. Ashiwin Raj of VI Semester attended workshop on Master Cam organized by GLISTEN Project Solution, Bangalore on 28th April 2018.
12. Mithun Reddy, Ashiwin Raj of VI semester presents a technical paper in International Conference Advances in Manufacturing, Materials & Energy Engineering (Icon MMEE-2018) organized by MITE, Mangalore on 02nd and 03rd March 2018.
13. Prasanth S.R. of VIII semester presented a technical paper in International Conference on Emerging Technological Innovation in Mechanical Engineering organized by Raja Reddy Institute of Technology, Bangalore, Bangalore on 26th and 27th May 2017.

14. Akshar K.R. of II semester won Third Place in Indian science and Engineering Fair competition organized by Alvas EductionFoundation,Moodbidri on 20th and 21st May 2017.
15. Sanket G. Bhat, RajathPawar, Movin Kumar S, Veeresh K.V., Presented a technical paper in National conference on Modern Trends in Mechanical Engineering organized by Rajrajeswari College of Engineering, Bangalore on19th and 20th May 2017.
16. Mohan S.N. Presented a technical paper in National conference on Modern Trends in Mechanical Engineering organized by Rajrajeswari College of Engineering, Bangalore on19th and 20th May 2017.
17. Amit Patil, Divakar Sharan, Shaik Md. Basha, Saurabh Kumar of VIII semester presented a technical paper in National Conference 'Topical Transcend in Mechanical Technology' organized by SJB Institute of Technology, Bangalore on 10th May 2017.
18. Someshwar S. of IV semester won First Place in Chuck Glider Furore-2017 Competition organized by Dayananda Sagar College of Engineering.
19. Hemanth S. of VIII semester presented technical paper at International Conference on Materials Manufacturing and Modeling organized by Vellore Institute of Technology on 11th March 2017.
20. Tejas Sharma N., Sudeep S. Rao of V semester are runner up in automotive quiz VERVE organized by JSSATE, Bangalore on 21st April 2016.
21. Asharan Dinesh, Varun S. Deshpande of V semester, are in the third place in the automotive quiz VERVE organized by JSSATE, Bangalore on 21st April 2016.
22. Pruthvishri Hegde of V semester participated in climate science quiz 2016 organized by IISc Bangalore on 27th September 2015.
23. Tejas Sharma B.N of V semester participated in climate science quiz 2016 organized by IISc Bangalore on 27th September 2015.
24. Vijeth V., Varun Kumar D., Skanda Bhagavath V., Prajwal V Rao of V Semester won second place in VTU BUSINESS PLAN organized by MS Ramaiah Institute of Technology, Bangalore 3rd July 2015.

Cultural Achievements:

1. Naren P of III semester won Third Place (Bronze Medal) in One Act Play Event in “Janani-2018”, the 19th VTU youth fest held at Bheemanna Khandre Institute of Technology, Bhalki from 2nd to 4th November 2018.
2. Naren P of III semester won First Place (Gold Medal) in Group Song (Indian) Event in “Janani-2018”, the 19th VTU youth fest held at Bheemanna Khandre Institute of Technology, Bhalki from 2nd to 4th November 2018.
3. Vignesh N of III semester participated in Photography Event in “Janani-2018”, the 19th VTU youth fest held at Bheemanna Khandre Institute of Technology, Bhalki, from 2nd to 4th November 2018.
4. Vignesh N of III semester participated in Folk Orchestra singing Event,“Janani-2018”, the 19th VTU youth fest held at Bheemanna Khandre Institute of Technology, Bhalki from 2nd to 4th November 2018.

Innovative Project Lab (IPL)

About IPL:

Workshops, technical talks, industrial tours widen the students learning perspective in addition to bringing out the importance of adapting to changes in technology and aid them to keep abreast with technology. The ED cell regularly organizes workshops, technical talks, industry tours and project exhibitions.

Nurturing the innovative ideas of students has paved way for product development and increase in the number of entrepreneurs from institute. Innovative project lab is unique initiative to nurture the budding engineers. Students are at liberty to conceptualize, design and implement solutions to societal problems with concerns for environment. Selected projects are converted into product prototypes under the guidance of ED cell.

IPL Summer Competition 2019:

BNMIT Entrepreneurship Cell conducts Innovative Project Lab Competition twice in a year for its students in order to foster the spirit of entrepreneurship. The Heads of all the Engineering departments were asked to select the best projects from their respective Streams to exhibit in the IPL Summer Competition which was conducted on 30th August 2019.The Project Exhibition was graced and judged by two eminent personalities, Mr. Abu Saquib T, Lead System Designer, INNACCEL – Medical Technologist and Mr. Shreyas, Doctoral Research Scholar, Poland. Best Project Teams from various Engineering Streams of BNMIT were selected by their respective Departments to compete in the event. The selected participants exhibited their project in the Exhibition and their work was evaluated by the judges who have Entrepreneurship and Software background. The Evaluation Criteria was based on Feasibility of the project, the Innovativeness of the Idea, and Usage to the society.

IPL Winter Competition 2018:

IPL Winter Competition which was conducted on 5th March 2019. The Project Exhibition was graced and judged by two eminent personalities,Mr.Rajesh Chakravarthy , Founder Petpalsand Mr.Ravi Urs, Associate professor –PES University, Bangalore.

Best Project Teams from various Engineering Streams of BNMIT were selected by their respective Departments to compete in the event. The selected participants exhibited their project in the Exhibition and their work was evaluated by the judges who have Entrepreneurship and Software background. The Evaluation Criteria was based on Feasibility of the project, the Innovativeness of the Idea, and Usage to the society.

The Project Champion Award of Rs.10,000/- was awarded to Ms. Akshatha Pramod, Ms. Bhoomika MU, Ms. Deeksha R and Ms. Fauziah Batool I of Electronics & Communication Engineering, IV Semester for their project Mobile Charging by coin insertion.

The Project Champion Award of Rs.10,000/- was awarded to Ms.Meghana Ramesh, Ms.Namitha, Ms.NikhithaGururajof Computer Engineering Department, III Semester for their project Aquatrace.

Sports:

BNMIT gives equal importance to sports and fitness programs. Our students not only participate and win prizes in various intercollegiate athletic meets, but also represent the university at Inter University Competitions. BNMIT has organized sports events at the University level. The VTU Intercollegiate Badminton and Table Tennis (Both Bangalore Zone and State Level) for Women and Men was held at BNMIT recently. Also VTU State level Gymnastics, Wrestling and Mallakamba competition was organized by BNMIT. The sports department takes care of not only sports but also of physical well being and mental alertness of students with various special programs. The staffs are specially trained by "Sports authority of India".

Facilities Available: (Inside the campus):

- Well-equipped Gymnasium
- Yoga Centre
- Squash Court
- Table Tennis Court
- Indoor Badminton Court
- Tennis Court
- Throw Ball & Volley Ball Court
- Basket Ball Court
- Chess
- Carrom

Outside the campus:

- Cricket
- Foot ball

BNMIT Cross Country (both men & women) teams participated in VTU State level Cross Country Race on February 2020

Department of Computer Science & Engg. emerged as Winners in Annual Inter department Cricket Tournament 2018 held on 25th and 26th April 2018

NISHANTH S Of 5th EEE secured many medals in VTU State Level Swimming Competition 2017-18 held at Basavanagudi Aquatic Centre organized by BNM Institute of Technology, Bangalore on 30th August 2017.

BNMIT Women Table Tennis team emerged as Winners in VTU Bangalore Central Zone Intercollegiate Table Tennis (M&W) Competition 2018-19

Sports Achievements 2019-20 Odd Semester

Sl. No.	Event/Tournament	Organized by/Organized on	Result
1	"Independence Day Cup", Shooting Competition 2019	Seshadripuram Institute Of Commerce And Management, Bangalore. On 10th August 2019.	***Participation & Medals Winners*** Harshitha T A 5th Sem EEE Krithika K V 5th Sem EEE Divyashree 5th Sem EEE B Sanjeev 5th Sem EEE Nithin M 5th Sem ECE
2	VTU Inter-Collegiate Inter Zone Chess (M&W) Competition 2019,	Jyothi Institute Of Technology Bangalore, On 16th & 17th August2019.	***Both (M&W) Participation*** ***Girls Team Participation*** ***& 6th Position And Qualified To Inter Zone*** ***Girls Team*** Harshitha T A 5th Sem EEE Krithika K V 5th Sem EEE Heena 3rd Sem CSE Jyotheeshwri M H 3rd Sem ECE Swetha Hollla U 5th Sem ECE Apoorv Bhat 5th Sem EEE Suguna 1st Sem ISE **Boys Team** Kirankumar.C 7th Sem Mech Sanjeeva S Schitlapalli 1st Sem ISE Balaji.R.Rao 7th Sem ECE Vishnu R Acharya 5th Sem CSE Agasthya Omkumar 5th Sem Mech Vishnu R Acharya 5th Sem CSE
3	VTU Inter-Collegiate Inter Zone Chess (M&W) Competition 2019	SJMIT, Chitradurga On 20th & 22nd August 2019.	***Participation*** **Girls Team** Harshitha T A 5th Sem EEE Krithika K V 5th Sem EEE Heena 3rd Sem CSE Jyotheeshwri M H 3rd Sem ECE Swetha Hollla U 5th Sem ECE Apoorv Bhat 5th Sem EEE

Sl. No.	Event/Tournament	Organized by/Organized on	Result
5	Dr. B.N.V. Subrahmanya Memorial Inter - Collegiate Thro Ball Tournament 2019 -20	Jyothy Institute Of Technology, Bangalore. On 6th & 7th September 2019	***Participation*** **Girls Team** Eva D Saglani 5th ECE Anagha R 3rd CSE Gomathi SN 3rd EEE Adisha Suma Srinivas 1st EEE Vaishnavi 1st CSE Sahana S 3rd ISE Aditi 1st EEE Priyanka 5th ECE Deepthi 3rd ISE Bhavana C 5th EEE Sneha 1st EEE Anusha 1st ECE Sharvari 5th CSE Nayana 7th ISE Manasa 7th ISE Likitha 7th ISE **Boys Team** Chethan Prasad S 5th Mech Rahul S Bharadwaj 3rd Mech Dhavalith 3rd Mech Tirupathi 5th Mech Dushyanth 1st Mech Yogesh N 5st Mech Hemanth Prasanna 5th ECE Jeevan 5th ECE Koushik Bharadwaj 3rd ECE Dheeraj 3rd ECE Sachin T D 7th CSE Madhav Kumar 1st CSE Madhusudhan 3rd ECE Abhishek 1st Mech Bharath S 1st EEE Abhishek 1st ECE

Sl. No.	Event/Tournament	Organized by/Organized on	Result
7	VTU Inter-Collegiate Bangalore Zone Basket Ball (M) Tournament 2019-20,	NHCE Bangalore, On 16th & 17th September 2019.	***Participation*** **Boys Team** Abhiram ECE 3rd Sem Sumanth ME 3rd Sem Achyuth EEE 3rd Sem Shivam ECE 3rd Sem Hemanth ME 3rd Sem Mohithesh EEE 3rd Sem Chethan CSE 3rd Sem Akash CSE 3rd Sem Dewang CSE 3rd Sem Rajdeep ME 3rd Sem Dhavalith ME 3rd Sem Priyajith ME 3rd Sem Tanish ISE 1st Sem Shreyas ECE 1st Sem Surya ECE 1st Sem
8	VTU Inter-Collegiate Single Zone Swimming (M& W) Competition 2019-20	Basavanagudi Aquatic Center, Organized By MSRIT, Bangalore. On 18th September 2019.	***Participation*** M.N Rithvik 3rd Sem ISE Abhishek Anjan Pai5th Sem CSE Praneeth Kumar T 1st Sem CSE Vishal V Koushik 7th Sem EEE Mayura Nandan 3rd Sem ECE Girls Team 3 Medals Winners Monisha.G 7th Sem CSE 400 Mts Individual Medley–Bronze Medal 200 Mts Butterfly - Silver Medal 200Mts Individual Medley Bronze Medal
9	40th Y. Nagesh Rao Maanay Memorial Inter – Collegiate Throw Ball Tournamen 2019	BNMIT Bangalore, On 20th & 21st September 2019	***Participation Boys team Runners*** Chethan Prasad S 5th Sem Mech Rahul S Bharadwaj 3rd Sem Mech Dhavalith 3rd Sem Mech Tirupathi 5th Sem Mech Dushyanth 1st Sem Mech Yogesh N 5st Sem Mech Hemanth Prasanna 5th Sem ECE Jeevan 5th Sem ECE Koushik Bharadwaj 3rd Sem ECE Dheeraj 3rd Sem ECE Sachin T D 7th Sem CSE Madhav Kumar 1st Sem CSE Madhusudhan 3rd Sem Ece Abhishek 1st Sem Mech Bharath S 1st Sem EEE Abhishek 1st Sem ECE ***Participation Girls team Winners*** Eva D Saglani 5th Sem ECE

Sl. No.	Event/Tournament	Organized by/Organized on	Result
			Anagha R 3rd Sem CSE Gomathi SN 3rd Sem EEE Adisha Suma Srinivas 1st Sem EEE Vaishnavi 1st Sem CSE Sahana S 3rd Sem ISE Aditi 1st Sem EEE Priyanka 5th Sem ECE Deepthi 3rd Sem ISE Bhavana C 5th Sem EEE Sneha 1st Sem EEE Anusha 1st Sem ECE Sharvari 5th Sem CSE Nayana 7th Sem ISE Manasa 7th Sem ISE Likitha 7th Sem ISE
10	State Level Inter-Collegiate Sports Fest SPARDHA 2019	CMRIT Bangalore, On 28th September 2019	***Participation*** **Boys Team** Achyuth Bharadwaj 5th Sem Mech Mohitesh G S 5th Sem Mech Rishikesh B 5th Sem Mech Sumanth 5th Sem Mech Dhavalith 3rd Sem Mech Hemanth P5th Sem ECE Abhiram C3rd Sem ECE Shivam C 5th Sem EEE Yuga1st Sem EEE Dewang G 3rd Sem CSE Niranjan 1st Sem ISE **Girls Team** Bhavana C 5th Sem EEE Sneha 1st Sem EEE Devika G Urs 3rd Sem Mech Sahana .S 5th Sem CSE Harshitha 6th Sem CSE Lalana Nagraj 1st Sem
11	VTU Inter-Collegiate Bengaluru Zone Tennis (M) Tournament 2019-20	JSSATE, Bangalore. On 23rd & 24th September 2019.	***Participation*** Varun R Chaturvedi 5th Sem ECE Rajeev Ramesh 5th Sem CSE
12	VTU Inter-Collegiate Inter Zone Tennis (M&W) Tournament 2019-20	PESE Mandya On 26th & 28th September 2019.	***Participation*** Gouthami Manthena 3rd Sem Mech Smitha S Maganti 3rd Sem ECE Varsha S 1st Sem ISE

Sl. No.	Event/Tournament	Organized by/Organized on	Result
13	BMSCE KREEDOTSAV-2019	BMSCE Bangalore, On 1st To 4th October 2019.	***Participation*** **Table Tennis** **Girls Table Tennis Runners Up** Sowndarya.S 5rd Sem ECE Ayushi Sharma 7th Sem EEE Aditi 1st Sem EEE Rachna R 3rd Sem ISE ***Participation*** Pradhvin S 5th Sem ECE Abhishek 3rd Sem ECE Astitva Raj 5th Sem ECE Kosttubh 5th Sem ECE Shashank 5th Sem ***Participation*** **Basketball** Achyuth Bharadwaj 5th Sem Mech Mohitesh G S 5th Sem Mech Priyageet 3rd Sem Mech Sumanth D 5th Sem Mech Dhavalith 3rd Sem Mech Hemanth P 5th Sem ECE Abhiram C 3rd Sem ECE Shivam C 5th Sem EEE Yuga 1st Sem ME
			Dewang G 3rd Sem CSE Rajdeep C 3rd Sem CSE Chethan R 5th Sem EEE Akash 5th Sem CSE Tanish 1st Sem ISE Shreyas 1st Sem EEE ***Participation*** **Chess** Harshitha T A 5th Sem EEE Krithika K V 5th Sem EEE Heena 3rd Sem CSE G R Amrutha 3rd Sem ECE Jyotheeshwri M H 3rd Sem ECE ***Participation*** **Chess** Balaji.R.Rao 7th Sem ECE Vishnu R Acharya 5th Sem CSE Agasthya Omkumar 5th Sem Mech Sanjeeva S Schitlapalli 1st Sem ISE ***Participation*** **Football** Rohan 5th Semmec Skanda 1st Sem CSE Ayush 1st Sem CSE Rishab.S 1st Sem MEC Sudhir D 1st Sem EEE Ashutosh 1st Sem CSE Vinayak 1st Sem CSE Preetam 1st Sem CSE Harpreet 5th Sem MEC Sheik 3rd Sem ECE Suhas 3rd Sem ECE Ruturaj 5th Sem MEC Rahul 5th Sem ECE Aryaan 1st Sem MEC Ruman 5th Sem ECE

Sl. No.	Event/Tournament	Organized by/Organized on	Result
			Shaman 1st Sem ECE Rishab.V 7th Sem ECE Nikhil 1st Sem ECE Aniketh 1st Sem ECE Throw Ball Girls 3rd Place Deepthi 3rd Sem ISE Gomathi SN 3rd Sem EEE Anagha R 3rd Sem CSE Eva D Saglani 5th Sem ECE Nayana Bhat 7th ISE ISE Sharvari 5th Sem CSE Bhavana C 5th Sem /EEE
14	Bangalore Central Zone Cricket	SEA College Of Engineering Bangalore Selection 2019-20 On 3rd And 4th October 2019.	***Participation*** Vallish MA 7th Sem CSE Rohan Ravi 5th Sem Mech Paras Parmar 7th Sem Mech Tejas M 5th Sem Mech
15	VTU Selection Trials Of Skating & Karate 2019-20	VTU Campus Belagavi, On 10th October 2019	***Participation*** Sanjan Raj 1st Sem ECE Prajwal Sharath 3rd Sem Mech
16	VTU Inter-Collegiate Single Zone Weight Lifting (M&W) And Best Physique (M) Competition 2019-20	Sri Sairam College Engineering Anekal Bengaluru On 14th & 15th October 2019.	***Participation*** Abhishk K S 5th Sem CSE Harsh R Jain 5th Sem CSE Jayanth Prakash 5th Sem CSE Shaik Mohammed 3rd Sem CSE
17	VTU Inter-Collegiate Athletic Meet 2019-20,	Guru Nanak Dev Engineering College, Bidar From 22nd To 25th October 2019,	***Participation*** Dhanik I S 3rd CSE 100 mtrs 200 mtrs 4x100mtrs Relay Shaik 3rd ECE 100 mtrs 200 mtrs 4x100mtrs Relay Jayanth Jashi 5th CSE 800 mtrs 5000mtrs Rohith R 3rd Mech Long jump 4x100mtrs Relay Thejas J 1st ISE Triple Jump 110Hurdles 4x100mtrs Relay PavanKumar Shetty 3rd ECE Javelin Throw Shot put Akshat Rana 5th sem Javelin Throw Shot-put Ramitha 5th EEE 1500mtrs 5000 mtrs Akshatha.B.N 5th Mech 800 mtrs 1500 mtrs Lalana Nagaraj 1st CSE 200 mtrs 400 mtrs Sunmith M Kambalyal 5th sem 400mtrs 800mtrs
18	VTU Inter-Collegiate Single Zone Power Lifting (M&W) Competition 2019-20	NMAMIT, Nitte Udupi On 30th & 31th October 2019.	***Participation*** Jayanth Prakash 5th Sem CSE Pratheek Prakash Shet 5th Sem ECE
19	22nd MS Ramaiah Memorial State Level Inter Engineering Colleges Cricket Tournament 2019-20	Organized By MSRIT, Bangalore. On 12th ,14th & 15th November 2019.	***Participation*** Rohan Ravi 5th Mech Tejas M 5th Mech Sreehari G 5th ISE Jayanth Joshi 5th ISE Suhas H 5th CSE Vinay C M 5th CSE Vishnu A 5th CSE Jeevan Aditya 5th ECE
			Kaushik S 3rd EEE Yogeshwar D 3rd ECE Rohit Gupta 3rd ISE Kushal 1st Mech Paras Parmar 7th Mech Ashwin S 7th Mech Kishan J 7th CSE Yashas 1st Mech

Sl. No.	Event/Tournament	Organized by/Organized on	Result
20	INFINI International Sports Fest 2019-20	PES University Bangalore On 12th To 16th October 2019.	***Participation*** **Badminton (M)** Yogeshwar D 3rd Sem ECE Madhukeshwar S 3rd Sem EEE Srujan S 5th Sem CSE Vikas P 1st Sem ECE Devam Darji 3rd Sem CSE **Throwball (W)** Eva D Saglani 5th Sem ECE Gomathi SN 3rd Semeee Adisha Suma Srinivas 1st Sem EEE Aditi K 1st Sem EEE Priyanka S 5th Sem ECE Deepthi D 3rd Sem ISE Aishvarya M 3rd Sem EEE Sneha Commuri 1st Sem EEE Anusha B K 1st Sem ECE Sharvari KS 5th Se CSE Nayana Bhat 7th Sem ISE Manasa D 7th Sem ISE Likitha B 7th Sem ISE **Football** Sudhir D 1st Sem EEE Preetam 1st Sem CSE Suhas 3rd Sem ECE Ruturaj 5th Sem MEC Rahul 5th Sem ECE Aryaan 1st Sem MEC Shaman 1st Sem ECE Nikhil 1st Sem ECE Aniketh 1st Sem ECE Ruman 5th Sem ECE Harpreet 5th Sem MEC Ashutosh 1st Sem CSE Vinayak 1st Sem CSE
21	VTU Singal Zone Cricket Selection 2019-20	SJCIT, Chickballapur On 15th And 16th October 2019	***Participation*** Rohan Ravi 5th Sem Mech
22	VTU Inter-Collegiate Bangalore Central Zone Table Tennis (M&W) Tournament 2019 -20	Atria Institute Of Technology, Bangalore. On 16th & 17th November 2019.	***Girls Team Runner Up*** Sowndarya.S 5th Sem ECE Nikitha V Bharadwaj 1st Sem ECE Rachna R 3rd Sem ISE Gouthami Manthena 3rd Sem Mech ***Boys Team Participation*** Pradhvin S 5th Sem ECE Astitva Raj 5th Sem ECE Kosttubh 5th Sen CSE Karanam Mohamed Kizar 3rd Sem ECE
23	VTU Inter-Collegiate Central Zone Throw Ball (W) Tournament 2019 - 20-	East West Institute Of Technology Bangalore, On 22nd & 23rd November 2019.	***Participation*** Eva D Saglani 5th Sem ECE Anagha R 3rd Sem CSE Gomathi SN 3rd Sem EEE Adisha Suma Srinivas 1st Sem EEE Bhavana 5th Sem EEE Sahana S 3rd Sem ISE Aditi K 1st Sem EEE Priyanka S 5th Sem ECE Deepthi D 3rd Sem ISE Anusha B K 1st Sem ECE Sharvari KS 5th Sem CSE Nayana Bhat 7th Sem ISE Likitha B 7th Sem ISE

Sl. No.	Event/Tournament	Organized by/ Organized on	Result
24	VTU Inter-Collegiate Inter Zone Table Tennis (M&W) Tournament 2019-20	BMSCE Bangalore. From 26th & 28th November 2019.	***Participation*** Sowndarya.S 5th Sem ECE Nikitha V Bharadwaj 1st Sem ECE Rachna R 3rd Sem ISE
25	3rd Shotokan Karate National Championship	Participated In 3dr Japan Karate Stotokan Academy National Championship At Bangalore On 22nd December 2019.	Bhavana C 5th Sem /EEE Secured 2 Gold Medals In Individual KATA & Individual KUMITTE
26	Belarus Short Track Speed Skating Cup 2019	*Held From 6 Th -23rd September 2019* Held In Minsk ,Belarus	Prajwal Sharath 3rd Sem Mech Was The Captain Of The Indian Team And Team India Wan The Belarus Cup 2019 Also Qualified For The Junior World Championship To Be Held In Italy 2020
27	20th District Roller Skating Championship/Trials 2019	*26th-30th October 2019 Held In Chenammankere Grounds,Bengalore*	.Prajwal Sharath 3rd Sem Mech Won 3 Silvers And 1 Gold In 10km, 15km , 10km Road Race. Was Qualified To The 35th State Roller Skating Trials 2019
28	35th State Roller Skating Championship / Trials 2019	*14th-17th December 2019 Held In Mysore, Karnataka*	Prajwal Sharath 3rd Sem Mech Won 1 Silver And 1 Bronze In 10km And 15km

Sports Achievements 2019-20 Even Semester

Sl.No.	Event/Tournament	Organized by/Organized on	Result
1	Roller sports (skating) Team in the All India inter university competition 2019-20 (All India Inter University Roller Sports (Skating) Competition,)	RIMT University, Punjab from 11th to 14st February 2020.	***Participation*** Mr.Sanjan Raj S of 2nd Sem ECE
2	Chamaraju Memorial State Level Inter Engineering Collegiate Cricket Tournament- 2020	RV College of Engineering Bangalore. 12th February- 2020.	***Participation*** Rohan Ravi 6th Mech Tejas M 6th Mech Sreehari G 6th ISE Jayanth Joshi 6th ISE Suhas H 6th CSE Vinay C M 6th CSE Vishnu A 6th CSE Kaushik S 4th EEE Yogeshwar D 4th ECE Rohit Gupta 4th ISE Kushal 2nd Mech Paras Parmar 8th Mech Meghshyam 2nd MBA Yashas 2nd Mech
3	SRI. DEVADAN CUP 2020 – CRICKET	Christ Deemed to be University campus. 14th February- 2020.	***Participation*** Rohan Ravi 6th Mech Tejas M 6th Mech Sreehari G 6th ISE Jayanth Joshi 6th ISE Suhas H 6th CSE Vinay C M 6th CSE Vishnu A 6th CSE Kaushik S 4th EEE Yogeshwar D 4th ECE Rohit Gupta 4th ISE Kushal 2nd Mech Paras Parmar 8th Mech Meghshyam 2nd MBA Yashas 2nd Mech Vallish 8th CSE Ashwin 8th Mech ***Participation*** **Tennis Boy's Team** Rajeev Ramesh 6th Sem CSE Jai Raj Pisupati 8th Sem CSE Varun R Chaturvedi 6th Sem ECE **Tennis Girls team** Gouthami Manthena 4th sem Mech

Sl.No.	Event/Tournament	Organized by/Organized on	Result
4	RVCE"MOMENTUM-2020"	RVCE Bangalore. On 22nd February 2020.	**Basket ball Boy's Team** Achyuth Bharadwaj 6th sem Mech Mohitesh G S 6th sem Mech Rishikesh 6th sem Mech Sumanth D 6th sem Mech Niranjan 2nd sem Mech Hemanth P 6th sem ECE Dewang G 4th sem CSE Rajdeep C 4th sem CSE Tanish 2th sem ISE Shreyas 2th sem EEE Chetan 6th sem EEE Yuga 2nd sem EEE **Basket ball Girl's Team** Gouthami Manthena 4th sem Mech Vaidehi Maiya G R 4th sem Mech Devika G Urs 4th sem Mech Bhavana C 6th Sem EEE Sneha 2nd sem EEE Jyosthna 4th sem CSE Smitha 4th sem CSE Meghana 2nd sem CSE Lalana 2nd sem CSE Indhu 2th sem **CSE** **Volley ball Boy's Team** Sachin T D 8th sem CSE Gaurav C 4th sem ECE Pavan Shetty 4th sem ECE Siddharth T S 8th sem Mech Nithin 8th sem Mech Shrinidhi B L 8th sem Mech Shashank 4th sem Mech Likith N Swamy 2nd sem Mech Shashi 8th sem EEE Bhairav Kumar 4th sem EEE Hrishikesh Bhat 4th sem EEE Shivraj 4th sem EEE Sharath 4th sem ECE Dhanik 4th sem CSE Dalesh N 4th sem CSE Siddharth M N 4th sem MBA

Sl.No.	Event/Tournament	Organized by/Organized on	Result
5	VTU Inter-collegiate Single Zone Cross Country (M&W) Competition 2020-21	Dr. TTIT, KGF, Kolar. On 24th & 25th February 2020.	***Participation*** **Boys Team** Punith Dinesh 6th sem EEE Thejas J 2nd sem ISE Sonu Sagar 2nd Sem ISE Mohammed Ruman 6th sem ECE Rahul RB 6th sem ECE J Ajay kumar 8th sem ECE **Girls team** Varsha.M 2nd sem ECE Tejaswini .S 6th sem ECE Nandika R 2nd sem ECE
6	VTU Inter-collegiate Bangalore Central Zone Kho-Kho (M) Tournament 2020-21	Dr.AIT, Bangalore on 27th & 28th February 2020.	***Participation*** RohithR 4th sem Mech Shashank 4th sem Mech Rohith Reddy 4th sem Mech Santhosh M 4th sem Mech Tejas R 4th sem Mech Bhaskar G V 4th sem Mech Karthik Keshav 2nd sem Mech Rishabh Singh 2nd sem CSE Tushar Ranjan 2nd sem CSE Dinesh D 4th sem CSE Aniket S K 2nd sem ECE Abhishek V 2nd sem ECE Amith 2nd sem ISE
7	VTU Inter-collegiate Central Zone Volley ball (M) Tournament 2020 -21	HKBKCE, Bangalore. On 5th to 6th March 2020.	***Participation*** Siddharth M N 4th sem MBA Abhishek M 4th sem MBA Gaurav C 4th sem ECE Pavan Shetty 4th sem ECE Siddharth T S 8th sem Mech Nithin 8th sem Mech Shashidhar 8th sem EEE Bhairav Kumar 4th sem EEE Hrishikesh Bhat 4th sem EEE Sharath 4th sem ECE Dhanik 4th sem CSE Dalesh N 4th sem CSE

Sl.No.	Event/Tournament	Organized by/Organized on	Result
8	VTU Inter-collegiate Bangalore Zone Volley ball (W) Tournament 2020-21	KIT, Tiptur from 13 th to 15th March 2020	***Participation*** Sharvari K S 6th sem CSE Nisarga 6th sem CSE Anusha 2nd sem CSE Likitha B 8th Sem ISE Nayana Bhat 8th Sem ISE Girija Unnibhavi 8th Sem ECE Anshika Philo K 4st sem ECE Hamsini 2nd sem ECE Bhavana C 6th sem EEE Rakshitha 2nd sem EEE
9	VTU Bangalore Central Zone Cricket (M) Tournament 2019 -20	SEA College of Engineering & Technology, Bangalore from 11th to 19th March 2020.	***Participation*** Rohan Ravi **6th** Mech Tejas M 6th Mech Sreehari G 6th ISE Jayanth Joshi 6th ISE Suhas H 6th CSE Vinay C M 6th CSE Vishnu R A 6th CSE Kaushik S 4th EEE Kishan 8th CSE Rohit Gupta 4th ISE Kushal 2nd Mech Paras Parmar 8th Mech Meghshyam 2nd MBA Yashas 2nd Mech Ashwin 8th Mech Yogeshwar G 4th sem ECE Anirudh 4th sem ECE

"Health is a State of Complete Physical, Mental and Social well-being and not merely the Absence of Disease or Infirmity" - World Health Organization

How many of us, so called healthy people, satisfy WHO's criteria of health? Are the present health systems adequate to achieve this? Is there a scientifically acceptable path for total health that has been unearthed? The answer is Yes….!!!

It is natural that our body and mind gets disturbed and strained because of the fast pace of our life and the ups and downs of life in the present scenario. The art of maintaining a cool temperament and relaxed mind in spite of these inevitable disturbing factors is an art.

In a bid to promote health consciousness among students, the University Grants Commission (UGC) has proposed setting up of a system that offers yoga and meditation classes to students on the university campus and also at affiliated colleges. The move came as a result of the addressed by Prime Minister Shriman Narendra Modi at the United Nations (UN), where he urged one and all to adopt International Yoga Day. According to UGC's recommendations, the programme involving lessons on yoga and meditation will raise health awareness among students. This will provide students a positive outlook to life and decrease stress. UGC officials further state that, "A clean and healthy mind is as important as clean environment". Even All India Council for Technical Education (AICTE) has advocated yoga session as part of the curriculum.

Education implies collection, classification and processing of information from the outside world. This demands alertness to quickly accept information and concentration to process it. Our environment has many distractions that hinder this process.

Though the World Health Organization stressed the importance of Yoga for quite some time it is after our Prime Minister Shri Narendra Modi's address at WHO, both UGC and AICTE started promoting Yoga for students. It is noteworthy that BNMIT recognized the importance of Yoga for students much before these recommendations and organized Yoga classes for positive physical and mental development that creates an ambience of cool and balanced mind amidst natural distractions. These classes on Yoga kept stress at bay enabling BNMIT students to tolerate strain associated with life. Yoga sessions every morning helped students maintain harmony between body and spirit. It also increased attention span, improved memory and sharpened focus apart from physical and emotional wellness. BNMIT has realised all the benefits long before the various government bodies advocated implementation of yoga as mentioned above and have made it a part of the curriculum.

International Yoga Day "YOGA HIVE":

"Yoga Hive" an event to celebrate International day of yoga was organised by BNMIT in association with Adamya Chetana Foundation Prathistana on June 26, 2019 at Kittur Rani Chennamma ground, Near Madhavan park, Jayanagar. The event was graced by Swami Tadyuktanandaji of Ramakrishna Math Bengaluru. About 5000 Students from 50 schools and and colleges of South Bengaluru have actively participated in the event. Sri.Chakravarthy Sulibele, renowned Orator, Smt. Sowmya Reddy, MLA, Jayanagar constituency, and Swami Vivekananda Shreshta Bharatha Sri. Narayana Rao R. Maanay, Secretory, BNM Educational Institutions. Dr. Tejaswini Ananth Kumar, Chairman Adamya Chetana, Sri. Katte Satyanarayana, Former Mayor, BBMP, Sri. N , Nagaraju, Corporator, Byrasandra ward and many other corporators of other wards were also present during the event.

Kalabhageerathi

KALA BHAGEERATHI, the cultural club of BNMIT identifies and nurtures the inherent talent among the students and provides a platform to exibit their skills in various fields like ABHINAYA, NAATYA, SANGEETHA, FINE ARTS and LITERARY EVENTS. One of the activities of KALA BHAGEERATHI is 'BNM IDOL' where the best singers compete for the elite title. The cultural team under the able guidance of Prof.N.Sheshaprasad, with ample support from the management, has excelled in all its endeavors.

"KALA BHAGEERATHI" student members are invited on every Ramanavami day celebrations to give music and dance concerts at Dharmagiri Manjunatha temple. The BNMIT cultural team has always given stiff competition at the university youth festival every year, which is the biggest event of the year where almost all Engineering colleges under VTU participate. The "KALA BHAGEERATHI" team has regularly progressed in VTU Intercollegiate Cultural Festivals from 6th Place in 2003, runners up in the year 2006, and has won the coveted top place among all Engineering colleges of Karnataka in 2010 and earned a place to represent VTU in the South India Inter-university Youth Festival and has won many prizes. In 2018 Our team won 8 Gold , 1 Silver and 4 Bronze medals and placing BNMIT in the Top Position among all colleges of Karnataka in State Level VTU Youth Festival held at BKIT College, Bidar, from 2nd to 4th November 2018. In 2019 our team won 5 Gold, 1 Silver and 1 Bronze medal placing BNMIT in the 3rd Position among 102 participated colleges under VTU in the 20th State Level VTU Youth Festival held at SDM College of Engineering, Dharawad, from 6th to 9th November 2019.

Hostel Accommodation:

BNMIT provides hostel facilities that are a home away from home. The girl's hostel is located inside the campus and boys hostel a short distance away The hostels provide homely and hygienic food.

BNMIT Boys Hostel Building

BNMIT Girls Hostel Building

BNMIT Girls Hostel Room

BNMIT Boys Hostel Room

BNM Cafe

Gymnasium

Gymnasium

BNM Photography Club

The club provides an opportunity to the student members the art of creative, nature and wildlife photography and to capture the beautiful moments with the able guidance of Prof. Eishwar. N. Maanay, where the members are also taught technology involved in photography at the exclusive editing studio and they edit the photos with the help of latest technology.

Redbreast (Male) - Papilio alcmenor

Sikkim Stately Nawab - Charaxes dolon centralis

Scarce Tawny Rajah - Charaxes aristogiton

Four-bar Swordtail - Graphium agetes

Indian Spot Swordtail - Graphium nomius

Continental White Cerulean - Jamides pura pura

Pictures by:

Prof. Eishwar N. Maanay
Dean, BNMIT

Director,
BNMIT Photography Club

DECCAN HERALD
SEPTEMBER 20th, 2019

Samyak, Kushi triumphant

BENGALURU, DHNS

Samyak Kashyap and Kushi V clinched the youth boys' and girls' titles respectively in the State-ranking table tennis tournament here on Thursday.

In the boys' final, Samyak defeated Sujan R Bharadwaj 12-10, 11-6, 8-11, 7-11, 7-11, 11-7, 14-12 to clinch the crown while Kushi came back from a three-game deficit to defeat Anargya Manjunath 7-11, 4-11, 6-11, 11-8, 11-7, 11-6, 11-7 in the corresponding girls' clash.

Kushi V (left) and Samyak Kashyap bagged the youth boys' and girls' titles in the State-ranking table tennis championship in Bengaluru on Thursday. DH PHOTO

Results: Youth Boys: Final: Samyak Kashyap bt Sujan R Bharadwaj 12-10, 11-6, 8-11, 7-11, 7-11, 11-7, 14-12 **Semifinals:** Samyak bt Nikhil Nandha 11-9, 11-9, 13-11, 12-10; Sujan bt Kaustubh Milind Kulkarni 7-11, 14-12, 11-8, 9-11, 13-11, 12-10. **Quarterfinals:** Samyak bt Rohan S Jamadagni 11-6, 9-11, 11-9, 11-2, 4-11, 11-5; Nikhil Nandha bt Yeshwanth P 11-8, 11-7, 11-8, 11-6; Sujan bt Soumyajeet Bose 9-11, 8-11, 10-12, 16-14, 11-7, 11-8, 11-3 Kaustubh bt GS Sanketh 7-11, 11-8, 11-8, 11-7, 11-6. **Youth Girls: Final:** Kushi V bt Anargya Manjunath 7-11, 4-11, 6-11, 11-8, 11-7, 11-6, 11-7. **Semis:** Kushi bt Aditi P Joshi 11-4, 9-11, 11-9, 11-7, 7-11, 7-11, 11-1; Anargya bt Sushmita R Bidri 11-9, 11-13, 11-8, 11-4, 11-6. **Quarterfinals:** Kushi bt Niharika A 11-4, 11-6, 11-4, 11-7; Aditi P Joshi bt Koumudi Patankar 11-3, 11-5, 11-4, 11-9; Anargya bt Yashaswini Ghorpade 12-10, 11-13, 12-14, 11-9, 11-6, 11-6; Sushmita bt Preksha P Karkera 11-8, 9-11, 11-6, 11-7, 11-3.

(Sport, Page No. 17)

THE TIMES OF INDIA
SEPTEMBER 20th, 2019

Samyak & Kushi champs

TIMES NEWS NETWORK

Bengaluru: Samyak Kashyap and Kushi V, both playing for BNM, won the youth boys and girls titles respectively in the Xtreme Events state-ranking table tennis tournament here on Thursday.

In the boys final that went to the wire, Samyak beat Sujan R Bharadwaj of Skies with a superb comeback from 2-3 down as he won the last two games at 12-10, 11-6, 8-11, 7-11, 7-11, 11-7, 14-12. The girls final was even more rivetting as Kushi came back from the brink of defeat. It was almost over for Kushi as she lost the first three games rather tamely to Anargya Manjunath of MSS. But Kushi clawed her way back, winning the fourth game 11-8 before claiming the title by reeling off the next three at 7-11, 4-11, 6-11, 11-8, 11-7, 11-6, 11-7.

TABLE TENNIS

ALL SMILES: Samyak Kashyap (left) & Kushi V

Results: Youth: Boys: Final: Samyak Kashyap bt Sujan R Bharadwaj 12-10, 11-6, 8-11, 7-11, 7-11, 11-7, 14-12. **Semis:** Samyak bt Nikhil Nandha 11-9, 11-9, 13-11, 12-10; Sujan bt Kaustubh Milind Kulkarni 7-11, 14-12, 11-8, 9-11, 13-11, 12-10. **Quarters:** Samyak bt Rohan S Jamadagni 11-6, 9-11, 11-9, 11-2, 4-11, 11-5; Nikhil Nandha bt Yeshwanth P 11-8, 11-7, 11-8, 11-6; Sujan bt Soumyajeet Bose 9-11, 8-11, 10-12, 16-14, 11-7, 11-8, 11-3; Kaustubh bt GS Sanketh 7-11, 11-8, 11-8, 11-7, 11-6. **Girls: Final:** Kushi V bt Anargya Manjunath 7-11, 4-11, 6-11, 11-8, 11-7, 11-6, 11-7. **Semis:** Kushi bt Aditi P Joshi 11-4, 9-11, 11-9, 11-7, 7-11, 7-11, 11-1; Anargya bt Sushmita R Bidri 11-9, 11-13, 11-8, 11-4, 11-6. **Quarters:** Kushi bt Niharika A 11-4, 11-6, 11-4, 11-7; Aditi bt Koumudi Patankar 11-3, 11-5, 11-4, 11-9; Anargya bt Yashaswini Ghorpade 12-10, 11-13, 12-14, 11-9, 11-6, 11-6; Sushmita bt Preksha P Karkera 11-8, 9-11, 11-6, 11-7, 11-3.

(Times Sport, Page No. 18)

KANNADA PRABHA

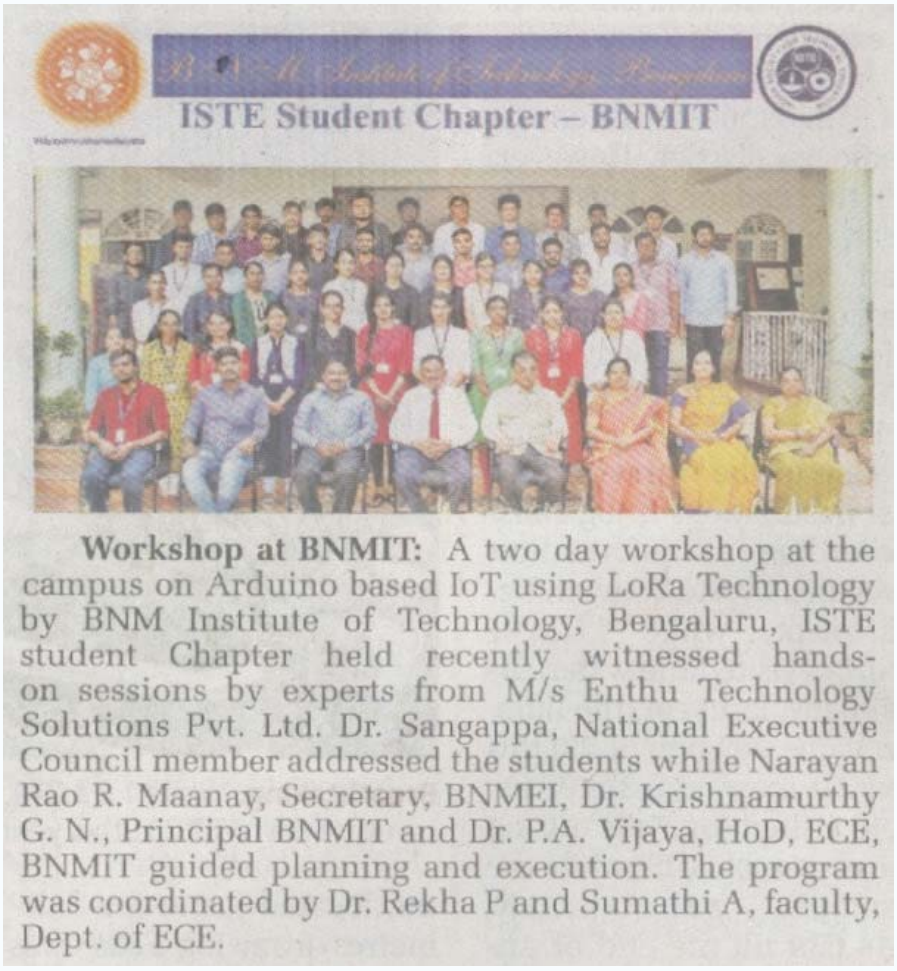
SEPTEMBER 24th, 2019

ನಗರದ ಬಿಎನ್‌ಎಂ ತಾಂತ್ರಿಕ ಶಿಕ್ಷಣ ಸಂಸ್ಥೆಯಲ್ಲಿ ಎಲೆಕ್ಟ್ರಾನಿಕ್ ತರಂಗಾಂತರ ಕುರಿತ ಎರಡು ದಿನಗಳ ಕಾರ್ಯಾಗಾರ ನಡೆಯಿತು. ರಾಷ್ಟ್ರೀಯ ಕೌನ್ಸಿಲ್ ಸದಸ್ಯ ಡಾ.ಸಂಗಪ್ಪ, ಬಿಎನ್‌ಎಂ ಐಟಿ ಕಾರ್ಯದರ್ಶಿ ನಾರಾಯಣ ರಾವ್, ಪ್ರಾಂಶುಪಾಲ ಡಾ.ಕೃಷ್ಣಮೂರ್ತಿ ಇದ್ದರು.

(Bengaluru, Page No. 04)

THE HINDU

SEPTEMBER 25th, 2019



Workshop at BNMIT: A two day workshop at the campus on Arduino based IoT using LoRa Technology by BNM Institute of Technology, Bengaluru, ISTE student Chapter held recently witnessed hands-on sessions by experts from M/s Enthu Technology Solutions Pvt. Ltd. Dr. Sangappa, National Executive Council member addressed the students while Narayan Rao R. Maanay, Secretary, BNMEI, Dr. Krishnamurthy G. N., Principal BNMIT and Dr. P.A. Vijaya, HoD, ECE, BNMIT guided planning and execution. The program was coordinated by Dr. Rekha P and Sumathi A, faculty, Dept. of ECE.

(South, Page No. 6)

VIJAYA KARNATAKA

SEPTEMBER 26th, 2019

ಬಿಎನ್‌ಎಂಐಟಿಯಲ್ಲಿ ಕಾರ್ಯಾಗಾರ

■ **ವಿಕ ಸುದ್ದಿಲೋಕ** ಬೆಂಗಳೂರು

ನಗರದ ಬಿಎನ್‌ಎಂ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನಲ್ಲಿ ಇಂಡಿಯನ್ ಸೊಸೈಟಿ ಫಾರ್ ಟೆಕ್ನಿಕಲ್ ಎಜುಕೇಷನ್(ಐಎಸ್‌ಟಿಇ) ವಿದ್ಯಾರ್ಥಿ ಘಟಕದ ವತಿಯಿಂದ ಸುಧಾರಿತ ವೈರ್‌ಲೆಸ್ ತಂತ್ರಜ್ಞಾನ ಕುರಿತ ಕಾರ್ಯಾಗಾರ ನಡೆಯಿತು.

ಕಾರ್ಯಾಗಾರಕ್ಕೆ 'ಎಂಥು ಟೆಕ್ನಾಲಜಿ ಸಲ್ಯೂಷನ್ಸ್ ಪ್ರೈ ಲಿ.,ನ ರಾಷ್ಟ್ರೀಯ ಕಾರ್ಯಕಾರಿ ಮಂಡಳಿ ಸದಸ್ಯ ಡಾ. ಸಂಗಪ್ಪ ಚಾಲನೆ ನೀಡಿ ಮಾತನಾಡಿ, ''ಇಂಟರ್‌ನೆಟ್ ತಂತ್ರಜ್ಞಾನದಲ್ಲಿ ಜಗತ್ತು ನಾಗಾಲೋಟದಲ್ಲಿ ಓಡುತ್ತಿದೆ. ಪ್ರತಿನಿತ್ಯ ನೂರಾರು ಹೊಸ ಆವಿಷ್ಕಾರಗಳು ನಡೆಯುತ್ತಿವೆ. ಆದ್ದರಿಂದ ಎಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳು ಹೊಸ ಚಿಂತನೆ ಮತ್ತು ಆವಿಷ್ಕಾರಗಳಿಗೆ ತಮ್ಮನ್ನು ಒಡ್ಡಿಕೊಳ್ಳಬೇಕು,'' ಎಂದು ಕರೆ ನೀಡಿದರು.

ಬಿಎನ್‌ಎಂಐಟಿಯ ಕಾರ್ಯದರ್ಶಿ ನಾರಾಯಣ ರಾವ್ ಆರ್.ಮಾನಯ್, ಪ್ರಾಂಶುಪಾಲರಾದ ಡಾ.ಜಿ.ಎನ್. ಕೃಷ್ಣಮೂರ್ತಿ, ಅಧ್ಯಾಪಕರಾದ ಡಾ.ಪಿ.ಎ.ವಿಜಯಾ, ಡಾ.ಪಿ.ರೇಖಾ ಮತ್ತಿತರರು ಉಪಸ್ಥಿತರಿದ್ದರು.

(Namma Bengaluru, Page No. 10)

VIJAYAVANI

NOVEMBER 13th, 2019

ವಿಜಯವಾಣಿ ನಂ 1

ಬಿಎಂಎಸ್‌ಸಿಇ, ಬಿಎನ್‌ಎಂಐಟಿ ತಂಡಗಳಿಗೆ ಜಯ

ಬೆಂಗಳೂರು: ಬಿಎಂಎಸ್‌ಸಿಇ, ಬಿಎನ್‌ಎಂಐಟಿ, ಡಾ.ಟಿಟಿಐಟಿ ಹಾಗೂ ಡಿಎಸ್‌ಸಿಇ ತಂಡಗಳು, 22ನೇ ಡಾ.ಎಂಎಸ್ ರಾಮಯ್ಯ ಸ್ಮಾರಕ ರಾಜ್ಯಮಟ್ಟದ ಅಂತರ ಇಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜು ಕ್ರಿಕೆಟ್ ಟೂರ್ನಿಯಲ್ಲಿ ಮುನ್ನಡೆ ಸಾಧಿಸಿವೆ. ಬಿಎಂಎಸ್‌ಸಿಇ ಕಾಲೇಜು ತಂಡ 3 ವಿಕೆಟ್‌ಗಳಿಂದ ಆರ್‌ಎನ್‌ಎಸ್‌ಐಟಿ ತಂಡವನ್ನು ಸೋಲಿಸಿದರೆ, ಬಿಎನ್‌ಎಂಐಟಿ ತಂಡ 55 ರನ್‌ಗಳಿಂದ ಎನ್‌ಎಂಐಟಿ ವಿರುದ್ಧ ಜಯ ದಾಖಲಿಸಿತು. ಡಾ.ಟಿಟಿಐಟಿ ತಂಡ 2 ವಿಕೆಟ್‌ಗಳಿಂದ ಯುವಿಸಿಇ ತಂಡದ ಎದುರು ಹಾಗೂ ಡಿಎಸ್‌ಸಿಇ ತಂಡ 19 ರನ್‌ಗಳಿಂದ ಬಿಐಟಿ ತಂಡವನ್ನು ಮಣಿಸಿತು.

(Sport, Page No. 09)

BUSINESS STANDARD

NOVEMBER 27th, 2019

PRODOTHON 1.0 @ BNMIT

BNMIT's New Gen Innovation Entrepreneurship Development Center (New Gen IEDC) funded by Department of Science and Technology, Government of India came up with a unique program called PRODOTHON, in collaboration with incubate firm Hycube Works Pvt. Ltd., similar to a Hackathon competitions going on in recent times.100 Engineering students from various disciplines participated and showcased their products in this 15 hour technical Prodothon. Dr. R S Hiremath, CEO and Founder, Flexitron and Mr. Shiva Shankar, CEO JSS Incubation Mysore and entrepreneurs with engineering and management background were the guests of the program. The first prize of Rs. 25k was bagged by students from NMIT and the runners up from AMC Engineering College took Rs. 15K. Dr. Vijayashree, Head NewGen IEDC & ED cell, BNMIT coordinated the event.

(Bengaluru, Page No. 7)

BUSINESS STANDARD

DECEMBER 25th, 2019

Business Standard

CAMPUS TALK

BS PROMOTIONS

BNM FRIENDS OF NATURE CLUB

Trees are often planted with great fanfare and then forgotten which results in the saplings dying of neglect. It is imperative that we take care of the existing trees and nurture them. As part of its activities, around 200 students of the Friends of Nature Club of BNM Institute of Technology, Bangalore conducted a survey of trees covering the entire Banshankari2nd Stage, Bangalore and found that the trees were abused. The survey revealed posters nailed or stapled onto the tree trunk, trees strangled with metal wires and cables, and iron rods and nails hammered into their trunk caused great harm to the trees. The pavements are concreted in an unscientific manner which constricts the healthy growth of trees. Garbage was found dumped at many places under the trees. The students spent the next few weeks removing the nails, posters and staples. The experience sensitised the students on the need to be involved in protecting their neighbourhood avenue trees. They also realised how they could make the world a better place to live at their individual level which is one of the goals of the Nature Club.

(Sport, Page No. 09)

Gold Medals & Rank Holders

Since inception BNMIT has had a rich haul of Gold Medals and Ranks at the University examinations securing 43 Gold Medals and 71 Ranks including First Ranks.

Anushree R
B.E, EEE - First Rank
Eight Gold Medals : 2012-13

and many more to come ..,

1. Department Of Computer Science & Engg

Research & Development centre of the department is recognized by VTU. Since its inception the centre has good number of research scholars and guides conducting research activities. Undergraduate and post graduate students are encouraged to do project works suggested by professors. Students are able to formulate the problem statement, experience the strength of solutions by analyzing the input data and output results.

Areas of research conducted by faculty members are

- Computer Vision
- Image Processing
- Data mining
- Wireless Sensor Networks
- Artificial Intelligence

List of Candidates Awarded Ph.D:

Sl. No.	Candidate Name	Guide Name	Year of Completion
1	Dr. Krishna A N	Dr. B G Prasad	2013
2	Dr. Surabhi Narayan	Dr. Sahana D Gowda	2017
3	Dr. Shashikala	Dr. Kavitha C	2018
4	Dr. Bhargavi M S	Dr. Sahana D Gowda	2018
5	Dr. Savitha G	Dr. Vibha Lakshmikantha	2018
6	Dr. Deepthi K Prasad	Dr. Vibha Lakshmikantha	2018

Research Scholars:

Sl. No.	Guide Name	Candidates Name	Research Center
1	Dr. Krishnamurthy G N	Sharada Y Yalavigi	VTU RRC
		Shailaja A	VTU RRC
		Girija Jagannath	JNTU
		Smt. Rekha C	CSE, BNMIT
		Smt. Jyothi R	CSE, BNMIT
		Sri. Varun C R	CSE, BNMIT
		Ms. Harini S	CSE, BNMIT
2	Dr. Sahana D Gowda	Smt. Kavita V Horadi	CSE, BNMIT
		Smt. Jebah Jayakumar	CSE, BNMIT
		Smt. Priyanka S	CSE, BNMIT
3	Dr. Vibha Lakshmikantha	Sri. Harish Kumar B T	CSE, BNMIT
4	Dr. Y C Kiran	Sri. Siddanna S R	CSE, BNMIT
		Smt. Krupashankari Suresh Sandyal	CSE, BNMIT
		Smt. Shanthala T N	CSE, BNMIT
		Mr. Prashanth J	CSE, BNMIT
5	Dr. Saritha Chakrasali	Ms. Harini S	CSE, BNMIT
6	Dr. Sejal Santhosh Nimbhorkar	Smt. Shraddha P W	CSE, BNMIT
		Anu Mathew	CSE, BNMIT
7	Dr. Niharika Kumar	—	CSE, BNMIT
8	Dr. Vimuktha E Sails	—	CSE, BNMIT

Research Titles of candidates Awarded with Ph.d:

Sl. No.	Candidate Name	USN	Year of Completion	Title
1	Dr. Surabhi Narayan	1BG10PEN05	2017	Finger Print Generation for Document Images
2	Dr. Bhargavi M.S	1BG11PEM01	2018	Anomaly Detection in Moving Objects Through Spatio-Temporal Pattern Mining
3	Dr. Shashikala	1BG11PEM02	2018	Secured Routing Protocols for Wireless Sensor Networks
4	Dr. Savitha G	1BG12PEN03	2018	Design and Development of Efficient Methodologies for Personal Authentication to Improve Real World Security Based on Biometric Traits
5	Dr. Deepthi K Prasad	1BG14PEM01	2019	Innovative Approaches to Early Detection and Diagnosis of Ophthalmic Diseases Using Data Mining Techniques

Publication Details:

Sl. No.	Faculty Name	Total Publications
1	Dr Sahana D Gowda	26
2	Dr. Savitha G	12
3	Dr Niharika Kumar	12
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11	Smt. Sajitha N.	9
12	Mr. Prashanth J	3
13	Smt. Ranjana S. Chakrasali	9
14	Smt. Prarthana T.V	7
15	Smt. Manikantha K	5
16	Smt. Jebah Jayakumar	9
17	Smt. Priyanka S	3
18	Smt . Shraddha P.Wakchaware	6
19	Smt. Usha C.R	7
20	Smt .Namitha S J	2
21	Ms. Pathanjali C	7
22	Smt. Asha K	6
23	Smt. Deepa Mahadev	1
24	Smt. Akshitha Katkeri	2
25	Smt. Sivagamasundari	9
26	Smt. Ashwini	2
27	Ms. Harshitha K	2
28	Smt. Pooja B S	6
29	Ms. Manjushree K	2

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- 16. Savitha G, Krishnakumari Y and Dr.Vibha L, "Feature Level Fusion of Fingerprint and Iris Biometric Traits for Human Identification", International Journal of Trend in Research and Development,Volume 4(4),ISSN 2394-9333,july-August 2017
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- Sreevidya R C, Sushma K V, "A survey on secure protocols against DOS attacks in wireless sensor networks" ,published in Imperial Journal of Interdisciplinary Research, Volume 3, Issue 5, May 2017 ISSN: 2454-1362, 1709-1714.

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- Raghavendra C.K, Prashanth J, Girish G.S, "Multiple Instance Learning Techniques for Multimedia Data Mining and their Applications", 22nd International Conference on Cloud Computing Computer Science And Advances In Information Technology-2016, 11th September, 2016
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2. Department of Electrical and Electronics Engg.

The department has an R & D center recognized by VTU. Since its inception, the center has a good number of research scholars and guides conducting research activities. Undergraduate and postgraduate students are encouraged to do project works suggested by professors. Students are able to formulate the problem statement, experience the strength of solutions by analyzing the input data and output results. It is empowered by Professors with rich industrial & academic experience. The thrust areas majorly include power systems, power electronics & partial discharge analysis.

Research Projects sanctioned to the Department:

Sl. No.	Year	Title of the Project	Funding Agency	Amount (Rs. in Lakhs)
1	2011-13	Real time detection, measurement & classification of power quality disturbance using GUI & DSP application	Visvesvaraya technological University, Belgaum.	10

List of Research Scholars:

Sl. No.	Name of the Scholar	Registered for M.Sc. / Ph.D	Year of Registration	Guide
1	Ratna B	Ph.D	June, 2015	Dr. R V Parimala
2	K Raghunath Reddy	Ph.D	June, 2016	Dr. R V Parimala
3	K Lokeswara Rao	Ph.D	Nov, 2017	Dr. Raghunatha Ramaswamy

Publication Details:

SL. No	Name	Total Publications
1	Dr. R V Parimala	19
2	DR. V. MURALIDHARA	17
3	Dr. R.Raghunatha	7
4	Dr.S Sudalai Shunmugam	12
5	Dr. P. B Savitha	05
6	Dr.VENKATESHA K	19
7	A KUMAR	22
8	Priyashree S	13
9	Shubha Rao K	12
10	Madhu S	14
11	Ashwini A	03
12	Champa.PN	12
13	Ms. Kruthi Jayaram	10
14	Karanam Vasudha	2
15	Sujith T	2
16	Savita Sangappanavar	02

List of Publications:

JInternational Journal/ Conference:

- Akshay B & Dr. R V Parimala, "The Modified SEPIC Converter with Extra Boost Unit and Without Coupling Inductor for PV Application", IJRASET, Volume 5, Issue V, May 2017
- R V Parimala, "Smart DC micro grid for effective utilization of solar energy" 1st International Conference on reliable Technologies in Power & Energy Systems, held on 4th April 2016 (RTPES-2016) at AMC college of Engineering, Bengaluru
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- Venkatesha K, Vidya H A, "Experimental analysis of Symmetrical & Asymmetrical PWM based Single Phase AC to AC converter for Power Quality Improvement using FPGA real time controller", in IEEE-International Conference on Smart grids, Power and Advanced Control Engineering (ICSPACE2017) from August 17th to 19th, 2017
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- Darshan S, Manjuprasad, Kruthi Jayaram, "Solar Panel Control and Power Optimization Using 2 axis Stepper Motors", published in IJRERD, Volume 2, Issue 7, Pg No: 236-241, July 2017.
- P, Kruthi Jayaram, "Total Harmonic Distortion Analysis of Voltage Source, Current Source and Z-source inverter", published in IJIRCCE, Volume5, Issue4, Pg 8785-8793, April 2017.
- Aparna R J, Kruthi Jayaram, Niveditha.B.V, "Design and Verification of OCP Master interface" selected in ICESMART-2015 firs international conference/journal organized by T.John IT, Bannerghatta Road, Bangalore-83
- Kruthi Jayaram, "A study of women entrepreneurship in rural area – globalising local talent", International Conference on Innovative Practices in Management and Entrepreneurship, BNM Institute of Technology, December 27 and 28, 2018, Bangalore, India.
- Ashwini A, Roopa Nayak N published paper on "Single Phase Grid Synchronization by load compensation using Photovoltaic generation system", in International Journal of Electrical and Electronics Research, January – March 2017 ISSN 2348-6988.
- Ashwini A, Soujanya R K published paper on "Design and Analysis of Full-Bridge Phase-Shift Soft-Switching DC-DC Converter" in IJIRCCE, Volume 5, Issue 4, April 2017 ISSN: 2320 – 9801
- Published a research paper titled "Reduction in harmonics using 12 pulse AC-DC converter in vector controlled induction motor Drives" in IJIRCCE, Volume 5, Issue 4, April 2017.
- Presented a technical paper entitled "An innovative electric vehicle charging for sustainability initiatives", during first international conference held in AMC College of engineering, on 4th April, 2016.

National Journal/ Conference:

- Velhal Geeta Vilas, Avani Pujara ,Dr. S.M.Bakre, V.Muralidhara "Fault Current Limitation Communication in Electrical Distribution System using Smart Meter" Published in National conference proceeding "Inspire Innovations and Emerging trends in Electronics Telecommunication and Electrical Engineering on March 2016 at JSPM college, Hadapsar Pune.).
- Velhal Geeta Vilas, Avani Pujara ,Dr. S.M.Bakre, Dr. V.Muralidhara, "UI Charge Reduction and Load Management in Smart Grid", Published in National conference proceeding "Inspire Innovations and Emerging trends in Electronics Telecommunication and Electrical Engineering on March 2016 at JSPM college, Hadapsar, Pune.)
- Velhal Geeta Vilas, Avani Pujara ,Dr. S.M.Bakre, Dr. V.Muralidhara "Application of AMI for Unscheduled Interchange Pricing and Fault Location", Published in National Conference proceeding " Recent Trends in Electrical, Electronics, Computing and Information Technology (NCRTEECIT-16)" Vol-1 Issue-5 2016, IJARIIE-ISSN (O)-2395-4396, PP 9-14.
- Leela A M K N Ravi V Muralidhara R S Shivakumara Aradhya N Vasudev, "Simulation of ZnO block Characteristics using MATLAB", National Conference on High Voltage Engineering & Technology (NCHVET2017), CPRI, Bangalore, 27-28 January 2017.
- Raghunatha R, Muralidhara V, Thukaram D, "Influence of Ground Impedance on Unbalanced Analysis of Grid" National Power Systems Conference, NIT, Tiruchirapalli, December 2018
- Nivedhita, Shobitha, Sushme, A.Kumar,"Energy efficient lighting system", at National conference on Advanced Techniques in EEE-15 held on 9th May 2018 at SJBIT, Bengaluru
- Chaitanya, A.Kumar, "High Efficency wide input range LLC resonanat converter for Renewable energy generation system with fixed frequency PWM control method" at NCESM – 2016 held on 23rd and 24th March 2016 organized by SIET, Tumukuru

3. Department Of Electronics & Communication Engg

VTU Recognized Research Centre

Offers Ph. D. and M. Sc. (Engg.) by Research Programmes

The department has an R & D centre recognised by VTU. It is empowered by 3 research guides with rich industrial and academic experience. As many as 19 research scholars are pursuing their research interests at the centre. The thrust areas majorly include Conductive Polymers, MEMS, VLSI Optical Fibre Communication, Image processing, Pattern recognition, Real Time applications, Wireless Sensor Networks & Advanced Instrumentation. Several years of research has resulted in a large number of publications in National & International Journals & Conferences.

Research Grants:

Sl. No.	Research Area	Research Topic	Funding Agencies	Amount & Year of Sanction
1	Low Power VLSI	Low Leaky Standard cell development	VTU	17.07 Lakh 2011-2014
2	Optical Fiber Communication	Dispersion measurement & Compensation	VGST	K-FIST 10 Lakh/Year for 2 years 2012-2014

Ph.D Guides in Department:

Sl. No.	Name of Faculty	Area of Research
1	Dr. P.A.Vijaya	Pattern Classification, Image Processing, Embedded & Real Time Systems, Cryptography &Computer Network Protocols
2	Dr. Veena S Chakravarthi	VLSI Design & Testing

Faculty who received Ph.D degree during 2017 & 2018:

Sl. No.	Name of Faculty	Guide Name	Research Topic
1	Yasha Jyothi. M Shirur	Dr. M. S. SureshDr. Veena.S Chakravarthi	DFT techniques for Asynchronous dominate SoC.
2	Bindu.S	Dr. M. S. Suresh	Characterization of PEDOT-PSS for its usability as flexible strain gauge material
3	Subodh Kumar Panda	Dr. M. S. Suresh	Evaluation of quality of peppers(chillies) using electronic sensors
4	Rekha.P	Dr. M. S. Suresh	Study of PEDOT:PSS sensors for evation of quality of Jasmine aroma.
5	Bhuvana Suganthi D	Dr.Manjunath	High Reliable Mobile Computing in Distributed Systems

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Sl. No.	Name of Faculty	Guide Name	Research Topic
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2	Bindu.S	Dr. M. S. Suresh	Characterization of PEDOT-PSS for its usability as flexible strain gauge material
3	Subodh Kumar Panda	Dr. M. S. Suresh	Evaluation of quality of peppers(chillies) using electronic sensors
4	Rekha.P	Dr. M. S. Suresh	Study of PEDOT:PSS sensors for evation of quality of Jasmine aroma.
5	Bhuvana Suganthi D	Dr.Manjunath	High Reliable Mobile Computing in Distributed Systems

Ph.D Guiding Details:

Sl.No.	Name of Faculty	Scholar's name	Research Topic
1	Dr.P.A.Vijaya	Chaitra.N	Recognition of Autistic Individuals using Pattern analysis techniques on Brain imaging Data
		Priya.R.Sankpal	Encryption of Nested Watermarked Image for secure transmission.
		Ashwini.S.Savanth	Pattern Classification & Image Techniques on brain fMRI data for the analysis of meditation effects
		Keerthi Kulkarni	Analysis of the land use and land cover change using remotely sensed images.
		Roopa K Swamy	A Configurable Hardware Schedule for Energy Efficient Mixed Critically System
		M Sreenath	Amalgamate scheduling algorithm for real time taks and effective utilization of multiprocessors using MBATS
2	Dr. Veena.S.Chakravarthi	Shubha Rao.K	Study & implementation of load aware high performance SMPS for SOCs.
		Prabhavathi.P.	Design methodology for adaptive power, high performance platform SOC for telecom or multimedia application
		Vrunda Kusanur	Design of an EnVnet – Wireless Sensor Network with Adaptive routing for Urban Environment Monitoring
		Rashmi.S Bhaskar	Design of 4S for UEM – A Smart Sensor Surveillance System for Urban Environment Monitoring.
3	Dr. Basavaraj I Neelgar	Mrs. Yojna Bellad	Analysis and Development of Quality Medical Images using Different Techniques and Methods
		Mr. Sridhar H	Novel Algorithm and Architecture for Image/Video Mosaicing
		Mr. Chandrashekhar.	Memory BIST for System on Chip
		Mrs. Priyadarshini K. Desai	Multiple Antenna System Analysis for Small Base Station in SG

Research:

Sl. No	Name of the Faculty	Total number of Publications (From 2016 till date)
1	Dr. P.A.Vijaya	14
2	Dr,Veena.S Chakravarthy	1
3	Dr.YashaJyothi M Shirur	7
4	Dr. Basavaraj I Neelgar	3
5	Dr.Bindu S	5
6	Dr.Jyothi R.M	3
7	Dr. Subodh Kumar Panda	6
8	Dr.Rekha P	3
9	Dr. BhuvanaSuganthi D	4
10	Sri. P VenkatRao	5
11	Sri. N.Shesha Prasad	3
12	Smt. P.Prabhavathi	5
13	Smt. Veena S Murthy	7
14	Smt. Sujaya B L	1
15	Smt. VrundaKusanur	1
16	Smt. Rashmi S Bhaskar	2
17	Smt.AshwiniS.Savanth	3
18	Smt. Priya R Sankpal	3
19	Smt. Chaitra N	5
20	Smt. Padmaja Jain	3
21	Smt. KeertiKulkarni	3
22	Smt. Anuradha V Rao	2
23	Smt.Anuradha J.P	4
24	Smt. Priyadarshini K Desai	2
25	Sri. Chandrashekar C	2
26	Smt. Lakshmi Bhaskar	2
27	Sri. Kiran S. M.	3
18	Smt. Priya R Sankpal	3

List of Publications:

International Journals:

- Arpitha K H, Dr. P. A.Vijaya, "Design of Efficient Low Power Viterbi Decoder", International Journal of Research Studies in Electrical and Electronics Engineering (IJRSEEE), Volume 2, Issue 2, PP 1-7, ISSN: 2454-9460, May 2016
- DeepaSrinivasa, Dr. P. A.Vijaya, "Comparative Performance Analysis of Speech Enhancement Methods", International Journal of Innovative Research in Electronics and Communications (IJIREC) Volume 3, Issue 2, PP 15-23, ISSN: 2349-4042, May 2016.
- Sarah Iram, Dr. P. A. Vijaya, "Implementation of Window Listing optimization and Korean Smart Speller for In-Vehicle Infotainment", IOSR Journal of Computer Engineering (IOSR-JCE) e-ISSN: 2278-0661 and p-ISSN: 2278-8727, Volume 18, Issue 3, Ver. III, May-June 2016.
- Darshan B, Chetan Kumar B O, Dr. P. A. Vijaya, "Assistive Technology for Physically challenged and intellectually disabled people", IJIREC, Volume 3, Issue 2, PP 24-34 ISSN 239-4042 (Print) & ISSN 2349-4050 (Online), May-June 2016.
- Priya R. Sankpal and Dr. P. A. Vijaya, "Robust Image Encryption Technique using Fusion of Chaotic maps", International Journal of Innovative Research in Science, Engg and Technology, Vol 5, Issue 6, June 2016, ISSN(Online): 2319-8753, ISSN(Print): 2347-6710

- Chaitra N, P. A. Vijaya, "Pattern Classification of Autistic Individuals using Brain Imaging Data: A Review", International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE), Volume 6, Issue 6, pp 114-119, June 2016.
- Bindhu G B, Dr. P. A. Vijaya, "Aggregation of Bandwidth with 4G Backhaul", International Research Journal of Engineering and Technology (IRJET), Volume 4, Issue 5, May 2017.
- Keerthi G Reddy, Dr. P. A. Vijaya, Suhasini S, "ECG Signal Characterization and Correlation to Heart Abnormalities", Volume, Issue 5, May 2017.
- Ashwini S. Savanth, Dr. P.A.Vijaya, "Artificial Neural Networks for fMRI Data Analysis: A Survey", International Journal of Engineering Trends and Technology (IJETT), V49(8), pp. 487-494, July 2017
- Sreenath, Dr.P.A.Vijaya "Performance Evaluation of Embedded Systems Using Scheduling Algorithms", International Journal of Scientific Research in Computer Science & Information Technology,Volume 3, Issue 1, Pages 85-89, Feb 2018, ISSN: 2456-3307 8
- Chaitra N, Dr. P. A. Vijaya, "Machine Learning Based Comparison of Pearson's and Partial Correlation Measures to Quantify Functional Connectivity in the Human Brain", International Journal of Neuroscience and Behavioral Science Volume 6, No 3, pp. 23 – 30, June 2018, ISSN: 2333-2689 (Online)
- Divyashree K. J, Dr. P. A. Vijaya, NithinAwasthi, "Design & Implementation of smart mirror as a personal assistant using Raspberry Pi", International Research Journal of Engineering & Technology, Vol.05, Issue 4, ISSN:2395-0056, Impact factor-6.17, April 2018,
- YashaJyothi M shirur "Wireless Local Area Network Frame Classification to Access Categories based on User Priority" got published in International Journal of Innovative Research in Science, Engineering and Technology. (IJIRSET) Vol. 7 Issue: 6 June 2018 with 3 ISSN (Online): 2319-8753 and Cross ref – DOI:10.15680/IJIRSET.2018.0706091 & impact Factor 7.089.
- Anu K L, YashaJyothi M Shirur, and Mr. Prasannakumar Y "Design and Implementation of Driver Assistance System (Das) Using Raspberry Pi to Enhance Driver Safety" in International Journal of Engineering Research & Technology (IJERT) Vol. 5 Issue: 04 April 2018 with ISSN: 2395-0056.
- T, YashaJyothi M Shirur "Automatic Control for Greenhouse Farming" got published in International Journal of Engineering Research & Technology (IJERT) Vol. 6 Issue: 09 September 2017 with ISSN: 2278-0181 and Cross ref – DOI Prefix: 10.17577.
- Kritika M Sharma Aishwarya A, YashaJyothi M Shirur "Power Efficient Destination Address Generator of Direct Memory Access Controller in Multiprocessor SoC" got published in International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE) Vol. 5, Issue: 7 July 2017 with ISSN:2320-9801 and impact factor 6.577.
- Akhila K Karuna N Kavya C, YashaJyothi M Shirur "Design and implementation of Power Efficient Linear Feedback Shift Register for BIST using Verilog" got published in International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE) Vol. 5, Issue: 7 July 2017 with ISSN:2320-9801 and impact factor 6.577.
- Sagar R, YashaJyothi M Shirur "Efficient Trash Management System Using Smart Bin" got published in International Research Journal of Engineering and Technology (IRJET) Vol. 4, Issue: 5 May 2017 with ISSN: 2395-0056 and impact factor 5.181.
- K ShreshtaSubodhShetty, YashaJyothi M Shirur "Video Oculographic System enabling Communication for Patients suffering from Motor Neuron Disease" got published in Perspective in Communication, Embedded-Systems and Signal-Processing Vol. 1, Issue 2 May 2017 p-p 19-21.
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- Bindu S, Priya R Sankpal, Lakshmi Bhaskar, "A Survey on Smart Materials to Mitigate Spacecraft Charging", International Journal of Innovative Research in Science, Engineering and Technology.10.15680/IJIRSET.2017.0607171

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- Amit Gupta, Likitha B S and P. Venkatrao, "Blind, Deaf and Dumb Communicator", International Journal for Research in Applied Science & Engineering Technology (IJRASET), Vol. 6, Issue 6, June 2018, ISSN 2321-9653.
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- "A Survey of Floral Aroma Sensors"Rekha P, Prabhavathi P, Veena S Murthy, PadmajaJainInternational Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 05 Issue: 07 , July 2018 www.irjet.net p-ISSN: 2395-0072 © 2018, IRJET , Impact Factor value: 7.211 , ISO 9001:2008 Certified Journal , Page 1155.
- "Implementation of an Efficient Phase Locked Loop System for 4G Systems"Vishakha, Veena S Murthy, Perspectives in Communication, Embedded-Systems and Signal- Processing (PiCES) ISSN: 2566-932X, Vol. 2, Issue 3, June 2018 ©πCES 2018.
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- "Ultrsasonic fluid flow measurement using PZT crystals" Vasukishankar, Veena S Murthy, Veda prakashvarma ,Sindhu S and Nagashree K International JournalAdvance Research in Electronics communication engineering(IJARECE,ISSN(Online): 2279-909X,Volume 5, issue 9, Sept 2016,Impact factor : 4.29.
- "Reducing energy consumption in NOC bt data encoding and decoding techniques" Chaitra K, Veena S Murthy, International Journal Advances in computational engineering(IJACEN), ISBN: 978-93-86083-09-8.
- "Design of wearable pulse oximeter sensor module for capturing PPG signals" VishwasNagekar, Veena S Murthy, VishweshwaraMundkur, International Journal of Modern trends in Engineering(IJMTER) ISSN(online): 2349-9745 ISSN(Print): 2393-8161 Volume 3 issue 6 June 2016,Sjif : 3.518.
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- Priya R Sankpaland P.A. Vijaya, " Robust Image Encryption Technique using Fusion of Chaotic maps", International Journal of Research in Science, Engineering and Technology, ISSN: 2319- 8753 , Vol 5,Issue 5, pp 10504 – 10512, June 2016.
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- Sachin R. Prasad, Sunil Raj H., Akshath K., Pradeep K. and Priya R Sankpal ," Comparative Study of Techniques for Image Compression", International Journal of Research Publications in Engineering and Technology, ISSN: 2454-7875, Vol 3, Issue 7, July 2017.
- Chaitra N, Dr.P.A.Vijaya, "Machine Learning Based Comparison of Pearson's and Partial Correlation Measures to Quantify Functional Connectivity in the Human Brain", International Journal of Neuroscience and BehaviouralScience,Vol. 6, No. 3, pp. 23 – 30, Jun 2018.

- Chaitra N, Dr.P.A.Vijaya, "Pattern Classification of Autistic Individuals using Brain Imaging Data: A Review", International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE), Vol. 6, Issue 6, June 2016, pp. 114-119
- Chandakala and PadmajaJain,"Performance Analysis of Two-Stage op Amp using different BIST Techniques,IRJET, June-2016.
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- Rekha P, Prabhavathi P, Veena S. Murthy, Padmaja Jain "A Survey of Floral Aroma Sensors" published in International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395- 0056 Volume: 05 Issue: 07 | July 2018 www.irjet.net, p-ISSN: 2395-0072
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- ReenaKulkarni, Priyadarshini K Desai, KeertiKulkarni, "A View at Nanophotonics", International Journal of Science and Research (IJSR), Volume 7 Issue 4, April 2018. .
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- Shanthala N, Chandrashekar C, Dr Shiva Yellampalli, "Basic Operation Performed on Arithmetic Logic Unit (ALU) For 32-Bit Floating Point Numbers" (Initial Results). International Journal of Applied Engineering Research.
- Bindu S, Priya R Sankpal, Lakshmi Bhaskar "A Survey on Smart Materials to Mitigate Spacecraft Charging" (Published in IJIRSET, Volume 6, Issue 7, July 2017).
- Adithya S, Anirudh V Rao, Adarsh, Naren, Lakshmi Bhaskar "Data Transmission Using Visible light Communication."(Published in journal International Journal of Advanced Research (August (31) issue, VOL 4 (2016)).
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International Conferences:

- Pavan Kumar M P, Dr. Subodh Kumar Panda, 'Design and VLSI Verification of DDR SDRAM Controller Using VHDL' International Research Journal of Engineering and Technology, Volume: 06, Issue: 03, March 2019.
- Pavan Kumar M P, Dr. Subodh Kumar Panda, 'Design and Verification of DDR SDRAM Memory Controller Using SystemVerilog For Higher Coverage' International Conference on Intelligent Computing and Control Systems [ICICCS 2019], 15-17 May 2019, Madurai, India.Publication in Scopus-Indexed IEEE Xplore Digital library.
- Chaitra N, Dr. P. A. Vijaya, "Comparing Univalent and Bivalent Brain Functional Connectivity Measures Using Machine Learning", was accepted and presented at ICSCN – 2017, organized by MIT, Anna University, Chennai on March 16-18, 2017. The proceedings of this conference is in IEEE Xplore. 47.

- KeertiKulkarni, Dr. P. A. Vijaya, "A Comparative Study of Land Classification Using Remotely Sensed Data, ICCMC-2017, Pages 36-41, 17th -18th July 2017.
- Rekha P, Subodh Kumar Panda, M. S. Suresh, Pencil Drawn Films as Ammonia gas sensor, IEEE International Conference on Trends on smart grids, power and Advanced control engineering [ICSPACE- 2017] from 17th – 19th August 2017.DOI: 10.1109/ICSPACE.2017.8343459.
- BhuvanaSuganthi D, Dr.R.Manjunath, A.Aravindan, "Reliable Security Policy in Mobile Distributed Network", IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology (RTEICT), IEEE Transaction on Communication Society, May 2016.
- BhuvanaSuganthi D, Dr.R.Manjunath, "Fault Tolerance Communication in Mobile Distributed Networks", International Conference on Data Engineering and Communication Technology, March 2016.
- Soukhya G Bhat, Shreehitha M U, Shwetha M and P. Venkatrao, "Design and Simulation of Long Haul, High Capacity Dense WDM System in the Presence of Nonlinear Effects", International Conference on Signal, Image Processing Communication and Automation – ICSIPCA- 2017 held at JSSATE, Bengaluru from 6th -7 th July, 2017.
- Ashwini N, Kavya G S, Rashmi B R and P. Venkatrao, "Design of Gratings for Gain Equalization in WDM Optical Link", International Conference on Signal, Image Processing Communication and Automation – ICSIPCA- 2017 held at JSSATE, Bengaluru from 6th -7 th July, 2017.
- Shreya Deepak, Shreyas S, Smitha B, Vignesh M S and P. Venkatrao, "Design and Implementation of Pothole Detector using Multisensor System", International Conference on Signal, Image Processing Communication and Automation – ICSIPCA- 2017 held at JSSATE, Bengaluru from 6th -7 th July, 2017.
- Venkatrao, Dr. S. B. BhanuPrashanth, "Dispersion Compensated Coherent Optical Dual Polarization OFDM using QAM", IEEE International Conference on Circuits, Controls, Communications and Computing (I4C-2016) held at MSRIT, Bangalore from 4 th – 6 th, Oct 2016.
- Prabhavathi P, Anuragini K "IOT based lightning prediction system and measurement of different weather parameters" in International conference on Multimedia Processing, Communication and Information Technology MPCIJ 2019 at JNNCE, Shivamogga, Karnataka during 8 -9, June 2018.
- Prabhavathi P, Asha S "Novel Communication Interface for IoT Applications" at 30th International Conference on VLSI Design & 16th International Conference on Embedded Systems. 7th -11thJanuary 2017 Hyderabad, India.
- Chaitra N, Chethana L, Menaka Shankar, Manaswini S, "Comparing Linear and Non-linear connectivity measures for the classification of Alzheimer's patients", International Conference on Inventive Research in Computing Applications (ICIRCA 2018), 11th -12th July 2018 organized by RVS College of Engineering & Technology, Coimbatore, India (IEEE Xplore).
- Vasuki Shankar, Murali Mohan Deshpande, Chaitra N, S Aditi, "Automatic detection of Acute Lymphoblasitc Leukemia using Image Processing", IEEE International Conference on Advances in Computer Applications (ICACA 2016), 24th Oct 2016, held at Bharathiar University, Coimbatore, India (IEEE Xplore).
- Nayana , Anuradha J P "Electro-Encephalographic Study & Survey of Feature Extraction For Emotion Detection using Wavelets" at ICSPCCR, 18th to 19th May 2016

National Conferences:

- Bhagyalaxmi D Somayaji, Vinayak R Pai, Bindu S, " Spacecraft Charging and its hazards", National Conference on "Space ready Educational Institutions- A dream come true" on 20th April 2016, DayanandaSagar College Of Engineering, Bengaluru
- Bindhiya Shree V, Chandra Mohan B S, Bindu S, "Space Charge Mitigation using PEDOT: PSS", National Conference, "Space ready Educational Institutions- A dream come true" on 20th April 2016, DayanandaSagar College Of Engineering, Bengaluru
- Payaswini, Ranjitha B V, Sandhya R J, Shivalingamma, BhuvanaSuganthi D, "High Secured Multi Account Embedded ATM Card", National Conference on Information, Communication, Controls and Computing (NCIC3-2018), May 2018.
- Nagendra P. B, Prabhavathi P, Namratha N Petkar, "Implementation of 5 Bit Error Correcting BCH IP Core of Code length 255 on FPGA" in National Workshop on Cryptology NWC – 2016,11th -13th , Aug.2016, organized by Jawaharlal Nehru National College of Engineering Shivmoga, Karnataka

4. Mechanical Engineering

The department has an R & D center recognized by VTU. It is empowered by 3 research guides with rich academic experience.

Some of the areas where research has been carried out by the faculties are Heat Transfer, Material science, Metal Matrix Composites and Polymer composites, Tribology.

Research Projects sanctioned to the Department:

Sl.No	Guide	Designation	University	Research Area of Expertise
1	Dr. Mukesh Patil	Professor and Head	VTU	Thermal Engineering
2	Dr. B. S. Anilkumar	Professor	VTU	Computational fluid Dynamics (CFD)
3	Dr. D. Shivalingappa	Professor	IIT Roorkee	Materials Engineering, Tribology, Mechanical Vibrations.

Research Scholars pursuing Ph.D at R & D center:

Sl.No	Research Scholar	Guide	University
1	Karthik S. R.	Dr. Mukesh Patil	VTU
2	Prema S.	Dr. Mukesh Patil	VTU
3	Vijaykumar H. B.	Dr. D. Shivalingappa	VTU
4	Harish	Dr. D. Shivalingappa	VTU
5	Varun M.	Dr. D. Shivalingappa	VTU

5. MBA

The Department of Mathematics is recognized as a Research Centre to offer Ph.D. degree under VTU w.e.f. 22.04.2008. The Department has five eminent Professors, guiding researchers towards Ph.D. in Fluid Mechanics and Graph Theory.

L. Venkata Reddy , N. P. Chandrashekara and Sreelakshmi D. have been honored with Ph.D. degree in 2014 and 2018.

The research scholars and the guides/faculty members are publishing their research findings in the reputed National / International Journals.

Research Guidance in the Department :

Name of the guide	Name of the scholar	Topic
Dr.L.Vijayashree	Maazuddin Khan	Impact of E-Governance of Administration Study conducted with reference to Government of Karnataka and IT employees
Dr.L.Vijayashree	Sumukh.S.G.	Effect of Organisation Behaviour on Job Satisfaction in ITES Industry, Bangalore
Dr.L.Vijayashree	Deepali Jain	A Study on Attitudes towards changes in occupational stress and coping during strategic alliances in IT industry
Dr.L.Vijayashree	Chellamma.K.	Empirical Study on Role of Social Media in Human Resource Management
Dr.Mukund Sharma	Charithra C M	A Study on Stock Market Volatility and Spill Over Effect in Selected Developed and Emerging Asian Markets
Dr.Mukund Sharma	Sridhar K	A Study on the Role of Housing Finance Institutions in Developing Housing Sector in the State of Karnataka
Dr.Mukund Sharma	TriptiArvind	Diversity Management: A Study on Recruitment, Training and Retention in IT organizations
Dr.Mukund Sharma	Sarita Prasad	A Comparative Analysis of E-Retail and In-Store Retail in Convenience Goods Marketing

6. Department Of Mathematics

The Department of Mathematics is recognized as a Research Centre to offer Ph.D. degree under VTU w.e.f. 22.04.2008. The Department has five eminent Professors, guiding researchers towards Ph.D. in Fluid Mechanics and Graph Theory.

L. Venkata Reddy , N. P. Chandrashekara and Sreelakshmi D. have been honored with Ph.D. degree in 2014 and 2018.

The research scholars and the guides/faculty members are publishing their research findings in the reputed National / International Journals.

List of Ph.D's Awarded:

Name of the Guide	Name of Research Scholar with address	Title of the Research	University	Month & Year of Award
Dr. S. Manjunath	1. S Vagdevi Professor & Head Department of EEE, GSSS Institute of Engineering and Technology for Women, KRS Road, Metagalli, Mysore-570016.	Development of ANN methods for Providing security to Commercial Software to Avoid Piracy	Vinayaka Mission Univeristy Salem Tamil Nadu	January 2011
	2. L. Venkata Reddy Associated Professor, Department of Mathematics, B.N.M. Institute of Technology, Bengaluru	The Fluid Mechanics of the Cooling of Stretching Films	VTU Belgaum Karnataka	May 2014
	3. N. P Chandrashekara Associated Professor, Department of Mathematics, B.N.M. Institute of Technology,Bengaluru	Convection of a Boussinesq – Stokes Suspension and Micro Polar Liquids in an Enclosure	VTU Belgaum Karnataka	September 2014
	4. T. V. Joseph Professor & Head Department of Mathematics Christ University, Bengaluru	Linear and Non – linear Electro Convection in a Micropolar Fluids	Christ University Bengaluru Karnataka	December 2014
	5. B S Anil Kumar Professor, Department of MechanicalEngg.,BNMIT, Bengaluru	Computational Investigation of Flow Separation in an Incompressible Aerodynamics	VTU Belgaum Karnataka	April 2017
	6. Sreelakshmi D Assistant Professor, Department of Mathematics,BNMIT, Bengaluru	Computer Assisted Solution to the Flow Problem Involving Coolant Surrounded Stretching Wafer-Films	VTU Belgaum Karnataka	May 2018

List of Research Scholars :

Sl. No.	Name of Guide	Name of Research Scholar with address	Title of the Research	Research Domain
1	Dr. S. Manjunath	1. Chandrakanth V. Lecturer Dept. of Mathematics Government P U College, Hosakote Bengaluru	A Mathematical Study on Two-Dimensional Dispersion of Passive/Reactive Solute in Channel Flows of a Viscoelastic Fluid	Applied Mathematics (Fluid Mechanics)
		2. Komala. C. S Asst. Professor Dept. of Mathematics Dayananda College of Engineering Bengaluru.	Convection in Viscoelastic Liquids Occupying a Tilted Slot	
		3. Sushma T. S. Full Time Research Scholar Dept. of Mathematics BNMIT, Bengaluru	Study of Thermal Convection in Newtonian Ferromagnetic Nanoliquids using Differential Geometry Methods	

		4. Srihari M Subodha Asst. Professor Dept. of Mathematics R N S Institute of Technology Bengaluru	Three-Dimensional Dispersion in Flows through and Past Porous Media	
		5. Kavya H. S. Asst. Professor Dept. of Mathematics Adarsha Institute of Technology, Bengaluru	Dispersion of Passive/Reactive Solute in Channel Flows of a kuvshiniski Viscoelastic Fluid	
		6. Devikarani G.Shetty, Asst. Professor Dept. of Mathematics MES college, Malleswaram Bangalore	Rayleigh-Benard Convection in Newtonian Nanoliquids Occupying Anisotropic Porous Enclosures.	
2.	**Dr. L Venkata Reddy**	1. Naveen Bala A Professor Dept. of Mathematics, M V J College of Engg., Bengaluru	Study of Two-Dimensional Flows of Nanoliquids Due to Stretching Sheets and Cylinders	Applied Mathematics (Fluid Mechanics)
		2. Dhruvathara. B .S Asst. Professor Dept. of Mathematics R N S Institute of Technology, Bengaluru	A Theoretical Study of the Effect of Two Nanoparticles on Flow Due to Stretching Surface	
		3. Chinni Krishna R Asst. Professor Dept. of Mathematics R.N.S. Institute of Technology, Bengaluru	A Study of Two-Dimensional Flows of Couple-Stress Liquids due to Stretching Cylinders	
3.	**Dr. N P Chandrasheka ra**	1. Raghu N. Asst. Professor Dept. of Mathematics M V J College of Engg., Bengaluru	Convection in Dielectric Nanoliquids	Applied Mathematics (Fluid Mechanics)
		2. Rajashree. S Lecturer Dept. of Mathematics Government P U College, Kanasawadi Dodaballapura Bengaluru	Convection in Ferromagnetic Nanoliquids	
		3. Amrutha H. P. Asst. Professor Dept. of Mathematics Adarsha Institute of Technology, Bengaluru	Convection in Nano Liquids Occupying a Tilted Slot	
4.	**Dr. Leena N. Shenoy**	1. Sowmya. K Asst. Professor Dept. of Maths Dayananda	Study on Hamiltonicity of Regular Graphs	Graph Theory

7. Department Of Physics

The Department of Physics is recognized as a research centre to offer Ph.D. degree under VTU. Currently there are two research guides, having expertise in the areas of Spectroscopy , Material Science and Nanotechnology.

The Research Laboratory is equipped with the basic experimental facilities like UV-absorption spectrometer, Microbalance, Magnetic stirrer with hot plate, Ultrasonicator, Hot air oven and Gaussian – 04 software

List of Research Guides:

Sl. No.	Name of the Faculty	Qualification	Designation	Area of Interest
1	Dr. Deepa H. R.	M.Sc., M.Phil. , Ph.D	Professor & HoD	Spectroscopy
2	Dr. K. N. N. Prasad	M.Sc., M.Phil. , Ph.D	Associate Professor	Material Science & Spectroscopy

List of Ph.Ds Awarded:

Sl. No.	Name of Research Scholar	Name of the Guide	Title of the Research Work	Month & Year of Award
1	Dr. H. R. Deepa	Dr. J. Thipperudrappa	Photo Physical Studies of some Organic Molecules	May 2014
2	U. P. Raghavendra	Dr. J. Thipperudrappa	Study on Spectroscopic Properties of some Organic Fluorophores	June 2017

List of Research Scholar:

Sl. No.	Name of Research Scholar	Name of the Guide	Title of the Research	Research Area
1	S. Chandrasekhar	Dr. Deepa H. R.	Investigations on Photophysical Properties of some Coumarin based Fluorophores	Spectroscopy
2	Sunil Kumar N	Dr.K.N.N.Prasad	Studies on photo physical properties of some fluorescent organic molecules	Spectroscopy
3	Praveen C Jois M. N	Dr. J. Thipperudrappa	DFT/Solvatochromism and Energy Transfer Studies in some Biologically Active Organic Fluorophores	Spectroscopy

Research Projects

Sl. No.	Project title	Principal Investigator & Co-Investigator	Funding Agency	Year of Sanction	Grant Sanctioned (in Lakhs)	Status
1.	Effect of Silver nanoparticles on photophysicql properties of Ketocyanine Dye series	Dr. J .Thipperudrappa, Dr. Deepa H. R.	VTU	2012	8.90	Completed

8. Department of Chemistry

The Department provides research facilities to the Members of Staff and Research Scholars for carrying out their research activities.

The Chemistry Research Lab is sufficiently equipped with the latest instruments. The Department is actively engaged in research. The main areas of research being Pharmaceutics, Corrosion, Material Chemistry and Medicinal Chemistry. Faculties have published 86 research papers in National and International Journals.

List of Journals: Journals available in Library (Hardbound):

Sl.No.	Title of Journal	Periodicity	Publisher
1	Indian Journal of Heterocyclic Chemistry	Quarterly	Connect Journals
2	Bulletin of Materials Science	Bi-Monthly	IAS
3	Indian Journal of Chemistry Section-A (IJC-A)	Monthly	NISCAIR
4	Indian Journal of Chemistry Section-B: Organic Chemistry	Monthly	NISCAIR
5	Journal of Chemical Sciences	Monthly	IAS

Research Guide Details

Following are the details of the faculty involved in active research leading to Ph.D. degree under VTU and other Universities.

Scholar's Name	Research center	Year of Registration	Research Topic	Status
Dr. Jayanna B K				
Roopa K P	Bharathiar UniversityCoimbatore	2012	Development of new spectrophotometric method for the determination of some pharmaceutical drugs	Awarded
Lakshmi B S	Department of ChemistryPESCE,Bengaluru	2013	Development of Analytical Method for the determination of Phytochemicals of pharmaceuticals of Pharmaceutical significance	Course work completed
Archana S	VTU- RRC	2014	Synthesis and Characterization of Functionalized Graphene/Metal oxide Nanocomposites for Environmental Applications	Course work Completed

Ananda A	VTU-RRC	2016	Development of Metal Oxides/Polymer Nanocomposites for Photocatalytic Degradation of Wastewater Pollutants	Course work completed
Priyanka P	VTU-RRC	2016	Development of new spectrophotometric method for the determination of pharmaceutical drugs	Course work completed
Dr. Prashanth M K				
Prakash Rao	VTU- RRC	2016	Synthesis & Characterization of Hydantoin & Piperamide Derivatives of Biological Interest	Preparing for Course work
Chandrakeerthy M S	VTU- RRC	2016	Studies on the influence of interfacial bonding on mechanical properties of natural fiber reinforced polymer composites	Preparing for Course work

Research Projects:

Sl. No.	Project title	Principal Investigator	Funding agency	Year of sanction	Grant Sanctioned (in Lakhs)	Status
1	Development of new spectrophotometric method for the determination of some pharmaceutical drugs	Dr. Jayanna B K	VTU	2012	2.0	Completed

Individual/Collaborative Research activity:

Sl.No.	Faculty Name	Collaborator Name	Collaborator's Institution	Area of Research
1	Dr. Jayanna B K	Dr.Veerabhadra Swamy	PES University	Photocatalytic
		Dr. Muralidhara H B	Jyothi Institute of Technology	Material Science
2	Dr. Prashanth M K	Dr. Yogesh Kumar	Jain University	Material Chemistry
		Dr.Raghu M S	NMIT, Bengaluru	Nano Science

Distinguished Dignitaries on their visit to BNMIT

Bharat Rathna Dr. APJ Abdul Kalam, Former President of India

Dr. Kalam opened his speech with the words "you have one of the best auditoriums I have seen". He addressed the students of Engineering & Management, and interacted with them. He was extremely delighted and remarked about the immaculately organized program as well as the high level of discipline by the students and highly appreciated the conduct of the program. Dr. Kalam planted a beautiful leechi sapling and had a cup of tea with the Management before bidding good bye to all the students, faculties, staff and Management.

Justice Santhosh Hegde, Former Supreme Court Judge and Karnataka Lokayuktha

This institution has a highly sophisticated Auditorium. This is first time for me that, I have delivered my speech in such a beautiful Auditorium. I have visited more than 800 institutions and not seen anywhere such a wonderful Auditorium. I am of the opinion that, if an institution, can provide such an excellent infrastructure, it can certainly produce excellent students. I appreciate the students for their academic achievements and other extra-curricular activities.

Prof. Sadagopan, Director, IIITB Bangalore.

"The success of the workshop could be assessed by the fact that more than 700 delegates were still seated at 6.45 pm which started at 9.00 am in JRD TATA Hall having 680 seats capacity. I have never before seen such a thing happening. It tells upon the caliber and capability of such an young Institution like BNMIT who have organised a well planned and executed workshop."

Prof. Roddam Narashimha, Director, National Institute of Advanced Studies

"I am very happy with this workshop where major initiative have been taken in renewable technologies. I am also very happy that all these different forces are gathered here, academic institutions, R & D labs, Industries, Engineering Colleges, Teachers, Students, Businessmen. It is only by coming together of these forces that major changes can occur. From everything I hear this morning such a moment has arrived and I find that BNMIT has been instrumental for this to happen. My best wishes to all concerned at BNMIT."

Dr. N.R. Shetty, Chairman ISTE, New Delhi & Former Vice Chancellor, Bangalore University.

"I have seen a large number of Institutions particularly technical institutions in different parts of the country. I am indeed happy that this young institution founded by these dynamic people in the year 2001 has come up so well."

Mr. M. Chandrasekaran, Advisor, SIRF Technologies & Former CMD Impulse Soft.

"I realised that within 5 years of the college being established, you have organised 4 such successful and truly National Workshops. To me, it says a lot about the persons who are the prime movers of this Institution envisioning establishment of a leadership potential for BNMIT among colleges in Karnataka. It takes courage and vision for taking such praiseworthy initiatives. I know that within the next couple of years, BNMIT will rank among the very best engineering institutions in India. Congratulations."

Krish (Gopalakrishnan), COO, MD, Infosys Technologies Limited.

Optimism is important, positive thinking is more important and confidence with ability to change is most important. I congratulate BNMIT and all the people behind it for showing all the characteristic. I am part of the "BITES" index and congratulate BNMIT for getting such a high ranking in such a short time.

Under Graduate Courses

B.E. in Computer Science & Engg.
B.E. in Electronics & Communication Engg.
B.E. in Electrical & Electronics Engg.
B.E. in Information Science & Engg.
B.E. in Mechanical Engg.
B.E. in Artificial Intelligence & Machine Learning

Post Graduate Courses

Master of Business Administration
M.Tech. Computer Science & Engg.
M.Tech. VLSI & Embedded Systems

Ph. D & Research Centres

Computer Science & Engg.
Electronics & Communication & Engg.
Electrical & Electronics & Engg.
Information Science & Engg.
Mechanical Engg.
Master of Business Administration
Physics
Chemistry
Mathematics