

BMS **INSTITUTE OF TECHNOLOGY AND MANAGEMENT**

Avalahalli, Yelahanka, Bengaluru - 560064.

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BMS

INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Vision

To emerge as one of the finest technical institutions of higher learning, to develop engineering professionals who are technically competent, ethical and environment friendly for betterment of the society.

Mission

Accomplish stimulating learning environment through high quality academic instruction, innovation and industry-institute interface.

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Presented by :
Dr. Mohan Babu G N
Principal, BMSIT&M



Dharmaprakasha Rajakarya Prasakta
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Patents Filed / Published

1. Dr. Anil G.N, Prof. Muneshwara M S, Dr. Pushpa S K, Published a patent Titled “Block Chain Based Approach to Secure the Human Ethical Data from Diagnostics Centers” on 25-02-2022 Application Number - 202241007014.
2. Prof. Swetha M S, Asst. Prof. Dept. of ISE, Published a patent Title “Predicting the User Preferences on Ecommerce Sites using Machine Learning Approach” on 04-02-2022, Application Number-202241003961.

Faculty as Resource Person

1. Dr. Lalit Kumar Gupta, Asst. Prof., Department of Civil Engineering has delivered a talk on "An Approach to Produce Sustainable Cement Mortar with Granite Powder" in Faculty Development Program on "Materials for Sustainability of Transportation Infrastructure" organised by Vivekananda Institute of Technology, Jaipur on 02.02.2022.
3. Dr. Vibha Venkataramu, Asst. Prof., Department of Civil Engineering has delivered a talk on "Industrial wastes as a potential resource for construction materials" during the Faculty Development Program on "Green Concrete Technology 2022" organised by Vel Tech, Mr. Rangarajan, Dr Sagunthala, R&D Institute of Science and Technology, Chennai, on 25.02.2022

Faculty Awards

1. Dr Rajesh Gopinath (Assoc. Prof., Department of Civil Engineering) has won the best presenter of the conference award for his paper “Design and Development of Sensor-Based Cost-Effective Prototype for Early-Warning and Monitoring of Urban Floods in Smart Cities”; in the Online International Multidisciplinary Conference On Recent Trends in Environmental Science and Management Conference, which was conducted on 06.08.2021 and 07.08.2021. The award was announced in Feb 2022, after 6 months long scrutiny by an International Award Selection Committee. The conference was jointly organized by the Department of Environmental Science, KTHM College - MAH, India, in Collaboration with Brazil Chapter – Brazil Chapter - International Youth Society, Australia.

Reviewer for Journal / Conference

- Dr. Velumani P, Assoc. Prof., has reviewed an research article in Journal of Materials in Civil Engineering - ASCE[SCI]. Entitled “Standard sample analysis for unconfined compressive strength test of earth block masonry.”
- Dr. Deepak M S, Asst. Prof. BMS Institute of Technology and Management, Bengaluru, Karnataka, has served as a Reviewer for an Article of Architecture–Civil Engineering–Environment Journal [WoS].
- Dr. Anitha V.R, Assoc. Prof., Department of Electronics and Communication Engineering is a reviewer for the Cluster Computing Journal.
- Dr. Anitha V.R, Assoc. Prof., Department of Electronics and Communication Engineering is a reviewer for the African Journal of Engineering.
- Dr. Madhu Palati, Asst. Prof., Dept. of Electrical and Electronics Engineering was a reviewer for Journal of Engineering Research and Reports



Memorable Moments / Best Practices

- The parent-teachers meeting for the First and Third-semester civil engineering students had planned and conducted on 26.02.2022 through offline mode. The Head of the Department, class advisor, proctors, and other subject handling faculties had participated in the meeting.



- A parent-teachers meeting for the First and Third semester of CSE students had planned and conducted on 26.02.2022 at 10:00 AM in the CSE Seminar Hall, 4th Floor, BSN Block. Around 30 parents were present for the meeting along with the teachers.



- Department of Electronics and Communication Engineering conducted a parent-teachers meeting on 26.02.2022 in offline mode. First-semester students' parents and third-semester lateral entry students' parents were informed to attend the meeting at 10.30 am. A total of 70 parents participated in the meeting.



Parent Teacher Meeting (PTM) of first semester students' parents held on 26.02.2022 from 9:30 am to 12:30 pm in a digital classroom of the dept. of ETE, around 30 parents participated in the meeting. Dr. Raju Hajare, HoD of ETE, presented the students and faculty achievements, best practices, Industry - Institute collaboration, Collaboration with international University, Placements, Autonomous curriculum content development, National Education Policy, etc., Dr. Anil G N, Dean Academics, interacted with the parents and informed them about NEP, importance of Ability Enhancement Courses, involvement of various stakeholders in curriculum development, etc. Most of the course coordinators interacted with the parents and discussed the performance of students, meeting concluded by thanking all the parents for their time and active participation by PTM Coordinator Mallikarjuna Gowda CP.



- The parent teacher meeting for 1st Semester and Later Entry Students of ISE was held on 26.02.2022 from 10.00 AM to 12.50 PM, further one to one parent-proctor meeting also took place during PTM. There were about 70+ parents who came for PTM, Dr. Narasimha Murthy M S

Convener of the PTM has welcomed the gathering with note and purpose of PTM. Further, Dr. Pushpa SK, HOD, Department of ISE, BMSIT&M has presented the detailed profile of the department through PPT. The HoD has elaborated in detailed all the activities taking place in the department and college.

- Parent Teacher Meeting was held on 26.02.2022 by the Dept. of Mechanical, to the parents of 1st semester and lateral entry students. Dr. K. M. Sathish Kumar, HoD of Mechanical Engineering Department briefed about the department, classes conducted, and various club activities conducted, department achievements etc. Parents were glad and appreciated the steps taken by the college for the wellbeing of the students.

PBL Prize distribution:

Department of ETE conducted PBL prize



distribution on 25.2.2022 for the winners in Open day and winners received the prizes by HoD and other staffs in the department and also appreciated for the motivation in the department for their success in completion of the project.



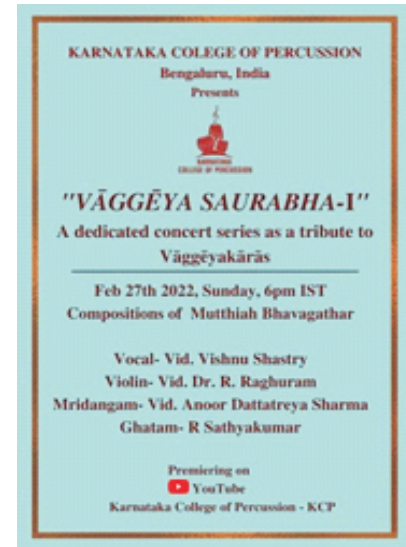
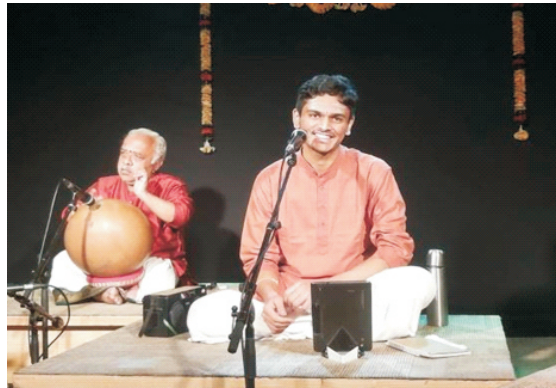
- On the Occasion of the M.Tech (CSE) program getting accredited for three years by the NATIONAL BOARD OF ACCREDITATION, New Delhi on 15.2.2022, the department of CSE dept. had organized the Lunch for all staff of CSE dept. and to other departments.
- The inauguration of first batch of autonomous MCA program for the academic year 2021-22 was held on 17.02.2022 followed by day long orientation session. 49 students and their parents graced the function along with the staff of MCA and invitees.



- The inaugural function was followed by course registration and database completion. The students and parents were hosted lunch post which Department presentation by Dr. P. Ganesh, HoD, MCA; Academic Orientation by Dr. Aparna K, Assoc. Prof., Department of MCA; Library orientation by Mr. Gopalakrishna, Librarian and Placement Orientation by Dr. T N Manjunath, Placement Officer and Mrs. Ambika Subhash, Dy. Placement Officer were conducted for the students.

Student Achievement

Thematic concert performed by Mr. Vishnu Shastri, 7th Sem student of CSE for the series called - "Vaggeya Sourabha" organized by the Karnataka College of Percussion, Bengaluru. This series pays a tribute to Vaggeyakaras (Composers) in the field of Carnatic Classical Music. Given an opportunity to present the compositions of Sri. Muttiah Bhagavathar on 27.2.2022, Event link <https://youtu.be/a9nHU687a9I>



Research Proposal

- Dr. Chandrashekarappa A (PI) and Dr. H. N. Rajakumara (CO PI) have submitted a project proposal titled "Evaluating groundwater potential zones and investigating for ideal groundwater recharge sites using Remote Sensing and GIS Technology in Devanahalli, Taluk, Bangalore" and submitted to VGST.

International Journal Publication

- Aruna, G., Krishanu Roy, James BP Lim, and P. Suresh Kumar. "Cold-Formed Steel Equal Angles with Complex Edge Stiffeners under Axial-Compression Laboratory Testing, Numerical Simulation, and Design." Practice Periodical on Structural Design and Construction 27, no. 2 (2022): 04022012.
- MS, Deepak. "Characteristics of High-Strength High-Performance Concrete under Normal and Accelerated Curing." ACI Materials Journal 119, no. 1 (2022).
- Bettahalli Kengegowda, Dhanalakshmi, Srikantaiah Kamidoddi Chowdaiah, Gururaj Harinahalli Lokesh, and Francesco Flammini. "Classification and Merging Techniques to Reduce Brokerage Using Multi-Objective Optimization." Algorithms 15, no. 2 (2022): 70.
- Pattabhi, Manjunatha Babu, Bangalore Rangappa Lakshmikantha, and Krishna Shanmukha Sundar. "A Novel Method for Contingency Ranking Based On Voltage Stability Criteria in Radial Distribution Systems." Technology and Economics of Smart Grids and Sustainable Energy 7, no. 1 (2022): 1-15.
- Treve, Mark, Indrajit Patra, P. Prabu, S. Rama Sree, N. Keerthi Kumar, Yousef Methkal Abd Algani, B. Kiran Bala, and S. Balaji. "Performance evaluation of artificial neural networks in sustainable modelling biodiesel synthesis." Sustainable Energy Technologies and Assessments 52 (2022): 102098.

International Conference Publication

- Agasnalli, Chandrashekharappa, H. C. Hema, Tejaswai Lakkundi, and Kantharaja D. Chandrappa. "Integrated assessment of granite and basalt rocks as building materials." *Materials Today: Proceedings* (2022).
- H.D Kattimani, "Energy Harvesting by Scavenging Ambient Radio Frequency Signals", in IEEE sponsored 1st International Conference on Electrical, Electronics, Information and Communication Technologies (ICEEICT-2022), 16th -18th February 2022 organized by KRCE, Trichy.
- Dr. Narasimhamurthy MS, "A Comprehensive Review on deducting Sybil Attack in VANET" in Annual International Conference on Data Science, Machine Learning and Block chain Technology held on 16/02/2022 at Mysore.
- Drakshaveni G. "Comparative Analysis of Medical Imaging Techniques used for the detection of Thyroid Gland with an emphasis on Thermogram", International Conference on Emerging Research in Computing, Information, Communication and Applications at Nitte Meenakshi Institute of Technology Bengaluru, Karnataka India, ERCICA 2022, Feb 24-26, 2022.

Sport Events

- Dr Athiyamaan V Asst. Prof., Dept. of Civil Engineering, participated in the Annual Inter Collegiate staff tournament held in PES University, Bangalore representing BMSIT&M from 25.02.2022 to 27.02.2022 and secured 2nd place in volleyball.

FDP /WORKSHOPS/STTP ATTENDED

Department	No. of faculty attended the FDP/Workshop/STTP
CHEMISTRY	2
CIVIL	3
ETE	5
MCA	3
ME	1



"Science can amuse and fascinate us all, but it is engineering that changes the world."

Isaac Asimov was an American writer and professor of biochemistry at Boston University. During his lifetime, Asimov was considered one of the "Big Three" science fiction writers, along with Robert A. Heinlein and Arthur C. Clarke. A prolific writer, he wrote or edited more than 500 books.



Placement Information

The placement season for the 2022 Batch commenced on 06.08.2021. As on 28.02.2022, totally 550 UG Students and 60 PG students have been given a total of 867 offers as given in the detailed given in the table below.

Sl. No.	NAME OF THE COMPANY	TOTAL NO. OF JOB OFFERS	CTC-LPA (Rs.)	DESCRIPTION
1	EPSILON	8	5,00,000	Placement & Internship
2	MPHASIS	25	4,00,000	Placement & Internship
3	CLOUDERA	2	17,87,584	Placement & Internship
4	INFOSYS	2	3,60,000	Placement
4A	INFOSYS	5	5,00,000	Placement
5	TALLY SOLUTIONS	4	8,00,000	Placement
6	COGNIZANT GENC NEXT	15	6,75,000	Placement & Internship
6A	COGNIZANT GENC ELEVATE	18	4,25,000	Placement & Internship
6B	COGNIZANT GENC	88	4,00,000	Placement & Internship
6C	COGNIZANT GENC ELEVATE	25	4,25,000	Placement & Internship
6D	COGNIZANT GENC PRO(Cyber Security)	2	4,40,000	Placement & Internship
7	MUSIGMA	6	3,00,000	Placement
8	KHOROS	2	10,54,000	Placement
9	NEWFOLD DIGITAL(ENDURANCE)	3	15,00,000	Placement & Internship
10	WIPRO	41	3,50,000	Placement & Internship
10A	WIPRO -2	1	3,50,000	Placement & Internship
11	CAPGEMINI	3	7,50,000	Placement & Internship
11A	CAPGEMINI	83	4,00,000	Placement & Internship
12	AMAZON	6	12,00,000	Placement & Internship
13	HEXAWARE	3	5,00,000	Placement
14	THE MATH COMPANY	7	4,50,000	Placement
15	LTI	2	6,80,000	Placement
15A	LTI	4	8,00,000	Placement
15B	LTI	1	5,00,000	Placement
16	ACCOLITE(Girls Only)	5	8,00,000	Placement & Internship
17	DELL TECHNOLOGY	6	7,00,000	Placement
18	HPE – GBRs	2	7,00,000	Placement & Internship
19	INFOGAIN	4	4,00,000	Placement & Internship
20	ACCENTURE	33	4,10,000	Placement
20A	ACCENTURE	2	6,50,000	Placement
21	ORACLE	26	8,22,951	Placement
22	EPICOR	7	7,00,000	Placement & Internship
23	GAIN SIGHT	7	14,00,000	Placement
24	GALAXE SOLUTIONS	13	4,50,000	Placement
25	PATH PARTNER	2	6,00,000	Placement & Internship
26	INTIME TECH	14	5,50,000	Placement & Internship
27	PHARMEASY	2	6,00,000	Placement & Internship
27A	PHARMEASY-2	6	12,00,000	Placement & Internship
28	QOGNO	1	12,00,000	Placement & Internship
29	GREENWAY HEALTH	3	6,00,000	Placement
30	SIEMENS HEALTHINEERS	8	8,50,000	Placement & Internship
31	CARL ZEISS	6	9,00,000	Placement & Internship
32	OSG	5	8,00,000	Placement & Internship
33	SAP LABS	13	14,00,000	Placement
34	VALTECH	7	5,00,000	Placement & Internship
35	VISIONET	3	3,80,000	Placement
36	ZEE	8	14,00,000	Placement & Internship
37	PWC – US ADVISORY	11	6,00,000	Placement & Internship
37A	PWC-KOLKATA	13	6,00,000	Placement & Internship
38	MONEY VIEW	15	16,00,000	Placement & Internship
39	MICROFOCUS	11	10,50,000	Placement & Internship
40	WALMART GLOBAL	1	20,00,000	Placement & Internship

Sl. No.	NAME OF THE COMPANY	TOTAL NO. OF JOB OFFERS	CTC-LPA (Rs.)	DESCRIPTION
41	INFORMATICA	2	7,40,000	Placement & Internship
42	NOKIA	8	6,30,000	Placement & Internship
42A	NOKIA	2	6,80,000	Placement & Internship
43	GAMES 24x7	12	13,00,000	Placement & Internship
44	EVERTZ	2	3,50,000	Placement & Internship
45	JOB DOST	7	4,50,000	Placement & Internship
46	CSS CORP	4	4,25,000	Placement & Internship
46A	CSS CORP	2	3,60,000	Placement & Internship
47	UNSCHOOL	4	5,00,000	Placement & Internship
48	DELTA ELECTRONICS	2	6,00,000	Placement & Internship
49	LTTS	14	4,00,000	Placement & Internship
50	BYJUS	8	10,00,000	Placement & Internship
51	ANZ-2	7	12,00,000	Placement & Internship
51A	ANZ	18	12,00,000	Placement & Internship
51B	ANZ	1	8,00,000	Placement & Internship
52	ZENSAR	13	4,00,000	Placement & Internship
53	SKOLAR	15	6,00,000	Placement & Internship
54	TATA ELXSI	1	3,36,877	Placement & Internship
55	REVATURE	5	4,00,000	Placement & Internship
56	OPERATIVE	2	4,00,000	Placement & Internship
57	ALTIMETRIK	3	7,00,000	Placement & Internship
58	CGI	2	4,50,000	Placement & Internship
59	JOHNSON CONTROLS	3	6,00,000	Placement & Internship
60	EY	9	6,37,173	Placement & Internship
61	HAPPIEST MINDS	9	5,40,000	Placement & Internship
62	EXPLEO GROUP	5	5,00,000	Placement & Internship
62A	EXPLEO GROUP	5	5,00,000	Placement & Internship
63	WEST PHARMACEUTICALS	2	5,00,000	Placement & Internship
64	HUMAN FRACTAL	1	4,00,000	Placement & Internship
65	QUEST GLOBAL	14	4,00,000	Placement & Internship
66	CERNER	5	6,00,000	Placement & Internship
67	GLOBAL LOGIC -HiTachi	2	5,50,000	Placement & Internship
68	SKILL VERTEX	28	5,50,000	Placement & Internship
76	ALSTOM	2	6,50,000	Placement & Internship
77	PRODAPT	4	5,50,000	Placement & Internship
78	PROLIFICS	2	3,50,000	Placement & Internship
79	ADANI GROUP	18	7,00,000	Placement & Internship
80	ARTECH	1	4,68,000	Placement & Internship
81	G7 CR TECHNOLOGIES	1	4,20,000	Placement & Internship
82	HP INC	1	20,000 PM (STIPEND)	Placement & Internship
83	KRYPT	1	5,00,000	Placement & Internship
84	MINDTREE	10	4,00,000	Placement & Internship
85	PHONEPE	3	14,00,000	Placement & Internship
86	TATA DIGITAL	2	10,50,000	Placement & Internship

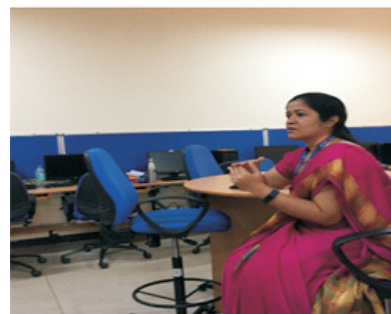
COGNIZANT DIGITAL NURTURE: A virtual TPO meet conducted by COGNIZANT, was attended by Ms. Ambika RS, Dy. TPO, on 10th Feb'22. The meet was held to inform about the campus hiring process for the 2023 graduates.

MINDTREE CAMPUS CONNECT: A virtual campus connect session on Cloud Technology, was conducted by the Mindtree team for the pre-final year students on 28th Feb'22. The session helped understand the latest advanced in cloud technology and its practical uses in the industry.



Activities Of Innovation Centre

- A Kickstarter event was conducted by Innovation centre to the students of BMSIT&M titled "Students' Entrepreneurial Journey 2022". Students' Entrepreneurial Journey 2022 was started on 25th February 2022 at 2 PM at Innovation Centre. This interactive session was conducted by Dr. Seema Singh and Ms. Shama H M. About 40 students registered and 15 made it to the session. Ms. Shama H M introduced about the session and provided the details of services provided at the campus and also explained about Student Development Centres at BMSIT&M. Dr. Seema Singh explained the lifecycle of an entrepreneur and how to begin with entrepreneurial journey at campus. The session concluded with students' idea discussion and enrollment under Institutions' Innovation Council at BMSIT&M.
- Innovation Centre organized the Institution's Innovation Council Activity, a one hour Online session on 19.02.2022, titled "Entrepreneurship and Innovation as Career Opportunity". Speaker of the Session was Ms. Divya Chandradhara, CEO at Bioagile Therapeutics Pvt. Ltd. Ms. Divya shared her journey as the CEO and how she started as an entrepreneur during her undergraduate studies. She motivated students with few motivational stories. Ms. Divya provided details of several funding opportunities at India. She took up questions from the participants and related them to real time scenarios and provided several solutions. About 110 students were part of the session. The session was moderated by Ms. Shama H M, Innovation Centre in Charge.



BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT
(Autonomous Under VTU)

INSTITUTION'S INNOVATION COUNCIL
www.bmsit.ac.in

MOTIVATIONAL SESSION BY SUCCESSFUL STARTUP FOUNDER

DATE: 10-02-2022
TIME: 11:50 AM - 12:50 PM

DIVYA CHANDRADHARA,
MSc, MBA, FRSPH
CEO at Bioagile Therapeutics Pvt Ltd

Webex
Meeting number : 2513 365 5015
Password : f7EqaV

Webex link
<https://bmsit.webex.com/bmsit/j.php?MTID=m215cdc733a246e440e3240>

Website : bmsit.ac.in | Email : Innovation@bmsit.in | Landline : 080-68730438

Jnanavardhana

'Teachers to be taught and trained'—is a relatively growing concept found in Societies all over the world, in the nineteenth and twentieth century. Also, Quality education is considered as the backbone of the nation for countries whether they are underdeveloped, developed, or developing countries at present. As part of sharing higher-level knowledge, BMSIT&M gives opportunities to Professors of various departments to deliver talks on recent trends and topics in their domain. This initiative has taken firm footage as Jnanavardhana, a series of talks given by Professors to share their knowledge in topics on cutting-edge technology and trending subjects. The list of topics delivered by the Professors during Febraury-2022 is given in the table.

Sl. No.	Presenters	Date	Time	Topic/Title
1	Dr. Annamma Abraham	2.02.2022	12.00	Decision Making
2	Dr. Sanjay Lakshminarayanan	9.02.2022	- 1.00 pm	Basics of Batteries
3	Dr. Bharathi Malakreddy	16.02.2022		Leadership-Redefining in a New Era

Proctoring System And Counselling Report

Under each proctor (assigned faculty) a maximum of 25 students are allocated. Proctoring of each Dept. is monitored by a team of deputy chief proctors and a chief proctor at the institution level.

Students who face various adjustments problems which include behavioral / Psychological issues can avail the help from a professional counsellor, Mrs. Chethana Srinivas who visits the campus on Tuesdays and Fridays from 1 pm – 4 pm.

Student having emotional disturbance due to family and interpersonal issue were advised - 'Client cantered therapy' and 'Mindfulness' was utilized. Some students had 'Academic deficits. They were guided by utilizing 'Effective study skills' and 'Time management technique.'

Since the students have started attending physical classes, Counselling is happening 'offline' and 'online' in the counsellor's office. Few Staff members had consulted the counsellor for interpersonal disturbances, mindfulness technique was demonstrated that lead to improvement.

Topics like Time Management, Emotional disturbance, Study skills, Procrastination issues were discussed with different students based on their needs. First aid techniques and Cognitive behaviour techniques were shared to console and convince them. Six students and two staff were counselled in the month of February-2022.



Faculty Publication Information From Iriins Site

IRINS is web-based Research Information Management (RIM) service developed by the Information and Library Network (INFLIBNET) Centre in collaboration with the Central University of Punjab. The portal facilitates the academic, R&D organizations and faculty members, scientists to collect, curate, and showcase the scholarly communication activities and provide an opportunity to create the scholarly network. BMSIT&M through IRINS brings the details of its faculty research and publications details for the month of February-2022.

