

BMS

INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Avalahalli, Yelahanka, Bengaluru - 560064.

Volume - 9, Issue - 11

Monthly Newsletter / November - 2023



**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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<https://www.youtube.com/channel/UCZLUwjJYZZvXvfPketkZZMQ>



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



Dharmaprakash Rajakarya Prasakta
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Faculty Achievements

Awards / Recognitions

- Prof. Siddiq Iqbal, Assistant Professor, Department of ETE, successfully completed the final Ph.D. defence titled "Efficient Key Management Schemes for Security in Wireless Sensor Networks" on 7.11.2023.
- Prof. Shiva Kumara T., Assistant Professor, Department of MCA, defended his Ph.D. thesis on the topic "Dynamically Configurable Document Model to Prevent Data Leakage" on 02.11.2023 under the guidance of Dr. Rajashekhar Patil at Gnana Sangama, VTU, Belagavi

Session Chair

- Dr. Niranjnamurthy M., Assistant Professor, Department of AI&ML, was Session Chair for the International Conference on Evolutionary Algorithms and Soft Computing Techniques (EASCT-2023) at RVITM, Bangalore on 21.10.2023.

Faculty as Resource Person

- Dr. Pradeep K. R., Assistant Professor, Department of AIML, was a resource person for the Faculty Development Programme at BMSIT&M, Bangalore, On the Topic "Mathematical Foundation for Python Programming & Data Science: Hands-On Approach", from 06.11.2023 to 10.11.2023.
- Dr. Anupama H. S., Associate Professor, Department of AIML, was a resource person for the Faculty Development Programme at BMSIT&M, Bangalore, On the Topic "Mathematical Foundation for Python Programming & Data Science: Hands-On Approach", from 06.11.2023 to 10.11.2023.
- Dr. Vishwa Kiran S., Associate Professor, Department of AIML, was a resource person for Faculty Development Programme at BMSIT&M, Bangalore, on the topic "Mathematical Foundation for Python Programming & Data Science: Hands-On Approach", from 06.11.2023 to 10.11.2023.
- Dr. Anilkumar D., Assistant Professor, Department of ECE, extended his support as a Resource person for an AICTE -ATAL FDP on "Hydrogen Engine and

Mobility" by the Department of Mechanical Engineering, BMSIT&M, Bengaluru from 6th November to 11th November 2023 and delivered a talk on "ECU for hydrogen engines."

- Dr. Banuprakash R., Assistant Professor, Department of ETE, was the resource person for one 08.11.23 in a Skill Development Program (SDP) - on "PCB Design and IoT" conducted by the Department of ETE from 06.11.2023 to 10.11.2023 and delivered a talk on Python Programming.
- Dr. Banuprakash R., Assistant Professor, Department of ETE, was the resource person on 09.11.23 in an ATAL FDP on "5G Mobile Networks" conducted by the Department of ECE, Jain University from 06.11.23 to 11.11.23 and conducted sessions on "Design of Microstrip antenna and MIMO antenna for 5G" using HFSS tool.



- Dr. Anilkumar D., Assistant Professor, Department of ECE, extended his support as a Resource person for a one-week FDP on "Digital Logic & Embedded System Design using Intel FPGAs" organized by the Department of Electronics and Communication Engineering, Dayananda Sagar College of Engineering, Bengaluru and delivered a talk on "Introduction to Embedded Systems" on 07.11.2023.
- Dr. Satish Kumar T., Associate Professor, Department of CSE, was a resource person for the Faculty Development Programme at BMSIT&M,



Bangalore, On the Topic “Mathematical Foundation For Python Programming & Data Science: Hands-On Approach” from 06.11.2023 to 10.11.2023.

- Dr. Keerthi Kumar N, Assistant Professor, Department of Mechanical Engineering, has trained the final year students of Government Polytechnic, Tumkur on 3D printing on 18th and 19th Nov 2023.
- Dr. Keerthi Kumar N, Assistant Professor, Department of Mechanical Engineering, delivered a talk on “Various Techniques of 3D Printing” on 21st November 2023 at a one-week online Faculty Development Programme on “Exploring Engineering in IoT, Mechatronics, Automation, Additive Manufacturing and Electric vehicles-EEIMAE-23” organized by RNSIT, Bangalore.

Reviewer for Journal / Conference

- Dr. Niranjnamurthy M, Assistant Professor, Department of AI & ML, was a reviewer for the International Journal “Multimedia Tools and Applications” (Journal is indexed in SCOPUS and SCI).
- Dr. Asha K, Assistant Professor, Department of ECE was a reviewer for IEEE First International Conference on Ambient Intelligence, Knowledge Informatics and

Industrial Electronics (AIKIE-2023) Organised by Rao Bahadur Y. MAhabaleswarappa Engineering College, Ballari, 02-03 November, 2023.

- Dr. Basavaraj R B, Department of Physics, served as a reviewer for the Journal of Saudi Chemical Society for the paper entitled “Evaluations of physico-mechanical, and Anti-Bacterial Properties of Modified Poly (Ethylene Adipate) Composite Thin Films Admixture with Zinc Oxide Nanoparticles”.
- Dr. Basavaraj R B, Department of Physics, served as a reviewer for Ceramics International for the paper entitled “Electronic structure and luminescence studies of Bi-doped MgO nano phosphors”.
- Dr. Daruka Prasad B, Department of Physics, served as a reviewer for Inorganic Chemistry communications, a paper entitled Study on Structural, Thermal, and Dielectric Properties of $\text{Ni}_{0.9}\text{Zn}_{0.1}\text{Fe}_2\text{O}_4$ /Polypropylene Nanocomposites,
- Dr. Daruka Prasad B, Department of Physics, served as a reviewer for the Journal of Alloys and Compounds, paper entitled Structural and optical properties of $\text{Cd}_2\text{MgTeO}_6:\text{Dy}^{3+}$, Na^+ phosphors for potential application in w-LEDs and personal identification

Best practices

Board of Studies (BoS)

- Department of MCA conducted its third Board of Studies (BoS) meeting on 11.11.2023. Stakeholders from Industry, Academia, and Alumni representatives were present. MCA curriculum was discussed and suggestions were taken positively. A brief discussion happened about actions taken on previous suggestions. Mr. K. Sreenivasa Ramanujam from TCS and other members shared their opinions and gave inputs about the curriculum. This has greatly helped the Department to make the syllabus more relevant to enhance the overall skillset of the students and to make them industry-ready.

Industrial Visit

- The Department of ETE organized an industrial visit to Terminal-2, Kempegowda International Airport (KIA) on 28.11.2023 from 2:00 pm to 5:00 pm. An

insight was given into the aviation industry and the significance of an airport in a developing city. The need for the new terminal was explained and the fundamentals on which the terminal was built were explained. The T2 is entirely made of engineered bamboo designed to withstand fire for up to two hours without external support. The Art and culture showcased throughout the terminal were shown. The departure hall and arrival hall were the points of focus.



Workshop Conducted

- Department of Civil Engineering has conducted a workshop on "BIM software Training", from 06.11.2023 to 10.11.2023 for 2020 Batch students (7th Semester), Civil Engineering Department. A total of 50 students participated in the training program. The workshop in-charge was Dr. Chandrashekarappa A.



- The Department of ETE conducted a five-day state-level skill development program successfully organized from 06.11.2023 to 10.11.2023. The program imparted training on the topics of "PCB Design and IoT Applications" which was attended by technical training staff, teachers, and students of various engineering/Diploma/ITI colleges from different parts of the state with great interest. Speaking at the closing ceremony, the trainees



congratulated the BMS organization and expressed their request to conduct many more such programs targeting the technical training Staff. Dr. C P Mallikarjuna Gowda, HoD, ETE insisted that the staff benefited from the program and congratulated the organizing committee members, Mr. H.N. Prakash Kumar, Mrs. Geeta N, and Mr. Srinivasamurthy B.

FDP Conducted

- Department of Mathematics has conducted Five Days Faculty Development Program (FDP) On "Mathematical Foundations for Python Programming & Data Science: Hands-on approach" from 06.11.2023 to 10.06.2023. Participants from various organizations attended the program. The sessions were interactive and extremely knowledgeable. The FDP was organized within the laboratory setting where each participant was provided with an individual computer system. Eminent resource persons gave insight into Mathematical foundations for Python Programming and Data Science.



- The Department of Mechanical Engineering has organized a one-week Faculty Development Program On "Hydrogen Hybrid Technology for Cleaner Mobility Revolution" from 06.11.2023 to 11.11.2023 Sponsored under AICTE Training & Learning (ATAL) Academy Programme. Dr. H K Govindaraju and Dr. Keerthi Kumar N, Co-ordinated the programme.



Research Activities

List of Ph.D. Research Scholars at BMSIT&M

Sl. No.	Research Centres	Total	External	Internal	Full-Time	Part-Time
1	Chemistry	7	7	-	2	5
2	Civil Engineering	3	3	-	1	2
3	Computer Science and Engineering	30	28	2*	2	28*
4	Electronics and Communication Engineering	14	9	5	1	13
5	Electrical and Electronics Engineering	9	3	6	-	9
6	Electronics and Telecommunication Engineering	2	1	1	-	2
7	Information Science and Engineering	11	7	4	-	11
8	Mathematics	3	3	-	-	3
9	Master of Computer Applications	9	7	2	-	9
10	Mechanical Engineering	11	6	5	-	11
11	Physics	8	8	-	-	8
*M.Sc. (Engg.) Total		107	82	25	6	101

Ph.D. Research Scholars Activities

Sl. No.	Guide Name	Research Scholar Name	USN	Research Centre	Activity done
1	Dr. Anjan Krishnamurthy	P Jagadish	7BY21PCS01	CSE	RAC meeting-1 on 08.11.2023.
2	Dr. Sheela Kathavate	Mayuri K P	1BY20PCS03	CSE	RAC meeting-1 on 18.11.2023.
3	Dr. Mohan Babu G N	Vivekanand	1BY20PME01	ME	RAC meeting on 22.11.2023.
4	Dr. S K Pushpa	Muneshwara M S	1BY16PEF01	ISE	Open Seminar-2 on 23.11.2023
5	Dr. Bharathi Malakreddy A	Sowmya V. L.	1BY20PCS11	CSE	Comprehensive Viva on 24.11.2023
6	Dr. Niranjnamurthy M	Pradeep H G	1BY19PMC01	MCA	DC meeting on 29.11.2023
7	Dr. Niranjnamurthy M	Nirupama B K	1BY18PMC02	MCA	DC meeting on 29.11.2023
8	Ph.D. & M.S.(Engg.) by Research Coursework July-2023 results announced.				

Research Activities Statistics

Research Publications(Published/Indexed in SCIE, Scopus & WoS) during November -2023: **11**

Ongoing Funded Projects as of 30.11.2023: **10 (₹. 189.708 lakhs)**

New Funded Project(approved):

Sl. No.	Principal Investigator (PI) Name	Dept.	Funding Agency	Project Scheme	Approved Amount ₹.
1	Dr. Ravichandra K R & Dr. Jyothi C Abbar (Co-PI)-CHEM.	ME	ASEAN-India S&T Development Fund (AISTDF)	ASEAN- India Collaborative R&D Scheme	₹. 24.40 lakhs

Consultancy Projects in November-2023: 01(ME)

Sl. No.	Faculty Name	Dept.	Consultancy with	Project Name	Consultancy Amount ₹.
1	Dr. Keerthi Kumar N.	ME	Gaamma Bytes Pvt. Ltd.	Modelling of Power generation through wind mill	₹. 9,000/-

Consultancy Work

- Dr. Keerthi Kumar N, Assistant Professor, Department of Mechanical Engineering completed consultancy work on 8th October 2023 on "Power Generation through Wind" and received an amount of Rs. 9000/- from GaamaBytes Pvt Ltd, Bangalore.

Research Publication

International Journal

- Sreenatha NR, Mahadevaprasad TN, Harishkumar M, Jeevan Chakravarthy AS, Chandana SN, Puneetha GK, Nagaraju S, Lakshminarayana BN "Structure elucidation, DFT and IRI computational investigations of a novel 4-(3-(4-chlorophenyl)-1-phenyl-1H-pyrazol-4-yl)2,6-dimethyl-1,4- dihydropyridine-3, 5- dicarbonitrile" Journal of Molecular Structure, 1299, 137048 (2024).
- R. Shobha, B. R. Vinod, V. R. Kushaal and K. R. Shiva Prasad "Self-Cleaning Nanocoatings for Building Surfaces: A Comprehensive Review of Materials and Methods." Journal of Mines, Metals and Fuels, 71(9): 1198-1204; 2023. DOI: 10.18311/jmmf/2023/35436
- H N Rajakumara "Evaluation of optimal route selection for public transport network routes on urban roads using Fuzzy-TOPSIS method." Engineering Reports, <https://doi.org/10.1002/eng2.12794>
- M. D. Kiran, H K Govindaraju, Nithin Kumar, Madeva Nagara, "Effect of CNT filler and temperature on fracture toughness of epoxy composites reinforced with carbon fabric", Engineering Reports. 2023; e12816, <https://doi.org/10.1002/eng2.12816>.
- Venkatesh R, Yashaswini, Reddy Yadav. L.S, Nagaraju. G, Jayasheelan. A, SYNTHESIS OF LaAlO₃:Dy³⁺:Bi³⁺ NANOMATERIALS TO OPTICALLY MIMIC THE BIOLUMINESCENCE OF PHOTINUS SCINTILLANS (FIREFLY) AND ANTIBACTERIAL APPLICATIONS, ROMANIAN J. BIOPHYS., Vol. 33, No. 4, P. 169–181.

International Conference

- Kantharaju, V., Harish Kumar, G. Deepak, S. A. Karthik, M. Niranjanamurthy, and Kushal Gopal. "AIRFACTOR-Bangalore Based Air Pollution Monitoring and Prediction Application Using Machine Learning." In 2023 International Conference on Network, Multimedia and Information Technology (NMITCON), pp. 1-6. IEEE, 2023.
- Rema, V., Sikdar, K., Structural equation modeling of integrated healthcare delivery system KPIs on operational performance and physician outcomes, AIP Conference Proceedings, 2023, 2875(1), 020005. (Scopus).

Book Chapters

- Mamatha, T., A. Balaram, B. Rama Subba Reddy, C. Shoba Bindu, and M. Niranjanamurthy. "Applications and Advancements in Data Science and Analytics." Data Engineering and Data Science: Concepts and Applications (2023): 409-439.
- Muralikrishna S, Sureshkumar K, Ramakrishnappa T, Mithran S, Werasak S "Various properties of zero-dimensional carbon nanomaterials-reinforced polymeric matrices" Elsevier, 357, (2024).

Poster presentation

- The final year students such as Karthik Prabhu, Jayanth, Keval Krishna, and Yusuf from the Department of CSE participated in a Poster presentation on "AR/VR based rural education" at Bangalore Tech Summit, 2023.



FDP /Workshops/STTP

Department	No. of faculty Attended the FDP / Workshop Attended
CIVIL	1
CSE	2
ECE	1
ETE	5
ISE	2
MBA	1
ME	2
HSS	2



Events at BMSIT&M

Inauguration of Facilities

- The new Highway Materials Laboratory was inaugurated on 16.11.2023 by honorable Chairman Mr. Aviram Sharma, beloved Principal Dr. Mohan Babu G. N & Vice Principal Dr. Anil G N.



- The inauguration of Thin Films and Optoelectronic Devices Laboratory [TFOD Lab] was held on 10th November 2023, by the Department of Electronics and Communication. The event was graced by the Honorable Chief Guest Prof. S Asokan, Professor and Dean, Faculty of Science, IISc, Bengaluru, and other dignitaries. The event was hosted by Dr. Sabina Rahaman, assistant professor, Dept. Of ECE, who is also the principal investigator of the research project funded by the Department of Science and Technology [DST - SERB].



Graduation Day Celebrations

- BMSIT&M was granted Autonomous status by the UGC, VTU and Gok from the academic year 2020-21. The Autonomous curriculum was operational from the academic year 2021-22. The first batch of PG (2-year duration) students from MCA and M.Tech. have graduated during the academic year 2022-23. As an autonomous institution, BMSIT&M was entitled to conduct Graduation Day for these candidates and present degree certificates.
- With due approval from the Academic Council dated 19th October 2023 and approval from Chairman, BoG, BMSIT&M, we at BMSIT&M, have conducted the Graduation Day for the 2023 batch of Graduates on 25th November 2023. The invitations were extended to all the members of BoG, members of the Academic Council, VTU Registrars to grace the occasion. Col. H.S. Shankar, Chairman and Managing Director, Alpha Design Technologies, Bengaluru was the Chief Guest and delivered the Graduation Day address. Sri. Aviram Sharma, Chairman, BoG, BMSIT&M had presided over the function.
- Fifty-four graduates of MCA were presented PDCs in person while three of them were presented in absentia by Chief Guest and President of the Graduation Day. In addition, six of these MCA graduates were presented medals (Gold, Silver, Bronze) and rank certificates. Rs. 7.75 lakhs was the expenditure incurred towards the conduction of Graduation Day. The event was live telecasted on YouTube. Parents and staff members have witnessed the occasion. The event was followed by lunch for all the graduates, parents, invitees, and staff members. Various electronic and print media have covered the event.





Corruption Combat a Street play

The Corruption Combat a Street play for vigilance awareness week was a well-anticipated event, drawing the attention of students, faculty, and members of the community. On 3.11.2023, the Rotaract Club held a street play titled "The Corruption Combat which is for vigilance week". This play attempted to expose the detrimental effects of corruption. This play encouraged the onlookers including the students, faculty, and members of the club to take a stand against the pervasiveness of corruption in the society to bring widespread social change.

It was an initiative designed to shed light on the detrimental effects of corruption and encourage individuals to take a stand against this pervasive issue. The event was enacted in front of the Academic block and was a result of meticulous planning and the dedication of our team members.

The 'Corruption Comb' Street Play was a resounding success, achieving its goal of showcasing awareness about the detrimental effects of corruption and inspiring individuals to take action against it. The event was a testament to displaying the power of collective action in driving social change towards are transparent and just society.



BMS Institute of Technology and Management, in partnership with Rotary Bangalore Yelahanka, spearheaded the initiative to embellish and paint the Attur-Anganwadi. S. R. Vishwanath, MLA of Yelahanka constituency was the honoured guest present in the inaugural ceremony which was held on 28.11.2023.



The Rotaract Club was also acknowledged for its exemplary support and unwavering dedication to the "Field of Champions" which was a zonal initiative undertaken in collaboration with several other Rotaract clubs. This initiative transpired from 18th - 20th of November 2023, which was followed by a felicitation ceremony on the 25.11.2023



The
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Flute Recital

SPIC MACAY, Society for the Promotion of Indian Classical Music and Culture Amongst Youth, is a 46-year-old non-profit, non-political, voluntary, global youth movement. Eminent artists and personalities of classical music, dance, folk arts, poetry, theatre, paintings, crafts, yoga, meditation, philosophy, and cinema have been delivering live and now online performances in about 1500 educational institutions in 850 towns in India and abroad, impacting around 30 lakh students every year. Organized entirely by volunteers, SPIC MACAY has received numerous recognitions, including a Padma Shri to the founder Prof Kiran Seth.

BMS Institute of Technology and Management hosted the Hindustani Flute Recital by world-renowned flutist Pt Ronu Majumdar. He is India's ace flutist who has popularized the Indian flute or 'bansuri' all over the globe. He was accompanied on tabla by senior most tabla player Pt Ravindra Yavagal ji. The SPICMACAY coordinators Ms Supriti and Sri Krishna Setlur ji have been instrumental in meticulously planning the event.

The program began with an introduction given by Ms Akanksha Ghat. The lighting of the lamp was by all the dignitaries present on the occasion led by the Principal Dr. Mohan Babu GN. Later Pandit Ronu Majumdar briefly introduced his co-artists on stage. He mentioned that he seldom gets opportunities to perform Ragas for the 2 to 4 p.m. time as per the Raga-Samay classification of the

Hindustani system. He chose Raga Brindavani Sarang for the presentation. He presented a detailed Alapana of it.

All the artists were felicitated by the Principal, Dr. Mohan Babu G N and Vice principal. The program concluded with a vote of thanks.



"Information is the oil of the 21st century, and analytics is the combustion engine."



- Peter Sondergaard,
Senior Vice President and
Global Head of Research
at Gartner, Inc.

"Data science is all about asking interesting questions based on the data you have—or often the data you don't have."



- Sarah Jarvis,
Director of Applied Machine Learning
and Data Science at Secondmind



BICEP Activities

BICEP welcomed the new member, Mr. R Venkatesh (5th Sem ETE Dept) as BICEP intern, on 2nd Nov 2023. The selection process of student interns was coordinated by Dr. Seema Singh Dean IE and Ms. Shama H M Innovation Coordinator BICEP, BMSITM.

Faculty- driven product-oriented projects

The BICEP Innovation Centre has initiated 2nd round of the faculty-driven project. This selects, promotes, and fund the product-oriented project by the faculty member. The proposal was called by Dr. Madhu M C, Innovation Coordinator in October 2023. Four faculty members were short-listed for 1st presentation at BICEP. Dr. Usha B A, Dr. Vinay H V, Prof. Archana K, Mr. Chennabasava C were present in the event.

Sl. No	Faculty Names	Project Tittle
1	Dr. Keerti Kumar	Device to measure melting temperature of metals.
2	Dr. Vijayalakshmi	Smart Footwear for visually impaired community's
3	Dr. Ravichandra	Sky-Lander: A Multi-Modal Mobility Rover
4	Prof. Chandraprabha	Solar Powered automated lake cleaner

National Entrepreneurs Day Celebration

BICEP under E-CELL celebrated National Entrepreneurs Day on 24th November 2023, at SIR M V Auditorium, Architecture Block. Renowned Entrepreneur, Mr.

Basavaraj C H, served as the esteemed chief guest. The event also welcomed distinguished guests, Dr. Seema Singh, Dean of Innovation & Entrepreneurship, and Mr. Ravichandran K R from BICEP. Mr. Ravichandran K R commenced the event by elucidating the mission of BICEP, emphasizing their support in nurturing students' entrepreneurial aspirations. He encouraged students to maximize the available facilities. Mr. Basavaraj C H, a seasoned entrepreneur, as the keynote speaker inspired and motivated students to embrace entrepreneurship. With insights drawn from his own experience, Mr. Basavaraj C H provided valuable advice on initiating entrepreneurial journeys and offered practical suggestions on building a company from the ground up. The central focus of the event was to instil in students the inspiration and determination needed to pursue their entrepreneurial dreams, creating an environment where innovation and business development could flourish.



ADVERT 1.0 Event – Marketing is the process of identifying customers and “creating, communicating, delivering, and exchanging” goods and services for the satisfaction and retention of those customers. In commemoration of National Entrepreneurs Day, BICEP E-CELL orchestrated an insightful Entrepreneurial discourse and hosted the ADVERT 1.0 event as an integral facet of the festivities on November 24, 2023. Distinguished guests included Dr. Seema Singh, Dean (Innovation & Entrepreneurship), and Mr. Ravichandran K R from BICEP. The ADVERT 1.0 event featured the participation of 28 competing teams. This engaging occasion served as a platform for teams to demonstrate their prowess in crafting imaginative advertising and marketing campaigns, thereby contributing to the overall success of the celebration.



Sl. No	Teams	Name	Department	Cash Prize
1	Team 11/9	Rohit, Saharsh Raj, Sanket Raj Ashish, Swatantra Tiwary, Vivek Singh	AIML, 1 st semester	1 st place Rs.2,000/-
2	Wheelers Dealers	Ananya Gladys, Tanvi Basavaraj Srijan U Johan, Aditya, Adithya	ECE, 1 st semester	2 nd place Rs. 1,500/-
3	Moya Marketers	Gorja Ahire Devangi Sood Abhinav A S Asishram Naidu Saurav Sharma	ETE, 1 st semester	3 rd place Rs. 1,000/-



BICEP skilled-based IN-HOUSE internship completed on 27th November 2023

Public Speaking

The internship consisted of two phases. Phase 1 included visiting government schools within a 5-kilometer radius of the college and conducting sessions regarding SDGs, waste management, and household composting. Phase 2 involved conducting interactive sessions about BICEP to 1st semester and 3rd semester students. Public speaking and communication skills have significantly enhanced students' abilities. They developed effective ways to express themselves, engage with diverse audiences, and convey ideas with clarity. The internship has equipped them with valuable tools to navigate various social situations and has heightened their confidence in public speaking. Interns learned the importance of body language and active listening





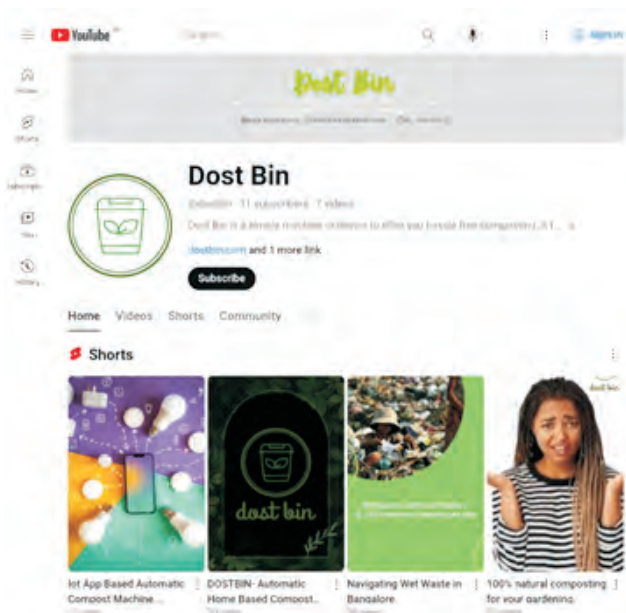
PCB Board Design

Student interns worked on the electronic control unit of DOSTBIN, a smart home-based composting machine. During their internship, students have learned about the electronics engineering process, such as how to use different tools and software, how to design and simulate circuits and systems, how to prototype and test devices and systems, and how to document and present results. They have also gained valuable skills in communication, creativity, and innovation. Students were grateful for the opportunity to learn from the experienced and supportive team at BICEP as they utilized BICEP Aarohan hardware innovation laboratory. The components used by them were sponsored by BICEP - Aarohan. Students received positive feedback and appreciation for their work and contributions. Students believe that this internship has prepared them well for my future career in electronics engineering.



Digital Marketing

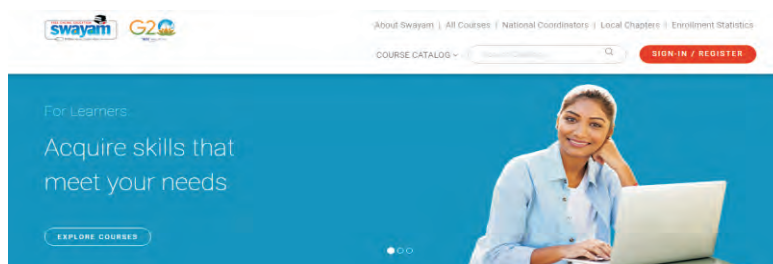
Students immersed themselves in dynamic digital marketing initiatives for DostBin. This internship provided a valuable platform to contribute to eco-friendly practices and enhance their expertise in the digital marketing landscape. Students handled the Instagram of DostBin for the month and developed brand guidelines, a document briefing on how the marketing should take place and particular steps. They got a good overview of the industry and the whole part where waste management and composting are happening in real life.



SWAYAM MOOCs platform is World's Largest Online Free E-Learning Platform Portal designed to achieve the three cardinal principles of Education Policy viz., Access, Equity and Quality by covering School/Vocational, Under-Graduate, Post Graduate, Engineering and Other Professional Courses.

Few web links for MOOC courses:

1. <https://swayam.gov.in/>
2. <https://nptel.ac.in/>
3. <https://www.iitbombayx.in/courses>
4. <https://www.mookit.in/courses>



Sports Activities

- Kannada Rajyostava was Celebrated on 1st of November -2023 at our college premises. The chief guest hoists the state flag along with the Principal and Vice Principal.



- Khelotsaha Sports Events were Conducted for our college staff on the 2nd & 3rd of November 2023
- During the Valedictory Function of Khelotsaha 2023 the winners received the trophy from Principal.



- Director of Physical Education. Mr. Mallikarjunagouda B Patil was nominated as the Chairman of the committee of VTU (M&W). The team selection trials were held at CMRIT, Bengaluru on 2nd and 3rd of Nov. 2023.
- Three students participated in the VTU Basketball (M) team selection trials held at CMRIT, Bengaluru on 2nd and 3rd of Nov. 2023. Among them one student Got Selected i.e., Mr. Sharvesh 5th EEE. to participate in the All-India South Zone, Inter-University Basketball (M) Tournament held at Kerala University Trivandrum Kerala from 13th to 17th November 2023. His coaching camp starts from 8th November 2023 onwards.
- Four students participated in the VTU Cricket (M) team selection trials, held at Sir MVIT Bengaluru on 7th & 8th November 2023. Among them two players Got Selected for VTU North Division Cricket Team further the said team must go for VTU State Level Cricket team Selections. 1. Mr Atish Jaikumar - 7th semester, Civil Department, and 2. Mr Mit Patwa - 2nd semester, ISE Department.
- Our DPE was nominated as Coach to VTU Basketball (M) Team to participate in the All-India South Zone Inter University Basketball (M) Tournament held at Kerala University Trivandrum Kerala from 13th to 17th November 2023. The coaching camp starts on 8th November 2023.





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- Conducted College team selection trials for the following games.
 - Basketball, Handball and Netball for Men & Women on 22.11.2023
 - Throwball (W) 23.11.2023
 - Volleyball (W) 24.11.2023
- The basketball men's team secured 2nd place in VTU Bengaluru North Division Tournament was held at SVCE Bengaluru on 27th and 28th November 2023 and qualified for the VTU State Level Tournament.
- One of our college students who was a national level player in Rowing (W) has taken part in VTU Rowing (W) team selection trials that were held at SJBIT Bengaluru on 27th November 2023.



NCC Activities

Rajyotsava Celebrations

- NCC BMSIT&M volunteered and participated in the flag hoisting ceremony held on the campus on account of Kannada Rajyotsava. The event was followed by the distribution of camp certificates to the cadets by the respected principal and the chief guest.



- The NCC wing of our college conducted a quiz competition for all the NCC cadets on the history, heritage and culture of Karnataka during Rajyotsava Celebrations



- The third-year cadets of NCC BMSIT&M conducted an orientation for all the second and first-year cadets. Structure of NCC, rules and regulations, B-Cert and C-cert examinations and various other aspects were discussed.



- The NCC wing of our college, under the guidance of the ANO Lt. Rani M S proudly presented the first band display in BMS Institute of Technology and Management to welcome the chief guest and dignitaries at the graduation ceremony of the Post Graduate students. The band team consisted of 10 cadets and was led by JUO Rahul Shindhe.



- Our NCC cadets took a pledge to observe Constitution Day also known as Samvidhan Diwas



- The NCC cadets participated in a candlelight march to pay tribute to the heroes who laid down their lives during the 26/11 Mumbai attack at Major Sandeep Unnikrishnan Road, Yelahanka.



ಕನ್ನಡ ರಾಜ್ಯೋತ್ಸವ ನವೆಂಬರ್ 1, 2023

ಬಿ.ಎಂ.ಎಸ್.ಐ.ಟಿ.ಎಂ ಕಾಲೇಜಿನ ಆವರಣದಲ್ಲಿ ನವೆಂಬರ್ 1, 2023 ರಂದು ಕನ್ನಡ ರಾಜ್ಯೋತ್ಸವವನ್ನು ಆಚರಿಸಲಾಯಿತು. ಬೆಳಿಗ್ಗೆ 8.30 ರ ಸಮಯದಲ್ಲಿ ಧ್ವಜಾರೋಹಣ ನಡೆಸಿ ನಾಡಗೀತೆಯನ್ನು ಹಾಡಲಾಯಿತು. ಈ ಸಮಾರಂಭದಲ್ಲಿ ಗೌರವಾನ್ವಿತ ಅತಿಥಿಗಳಾದ ಡಾ. ವಿ. ಬಿ. ಆರತಿ, ಪ್ರಾಂಶುಪಾಲರಾದ ಡಾ. ಮೋಹನ್ ಬಾಬು ಜಿ.ಎನ್, ಉಪ ಪ್ರಾಂಶುಪಾಲರಾದ ಡಾ. ಅನಿಲ್ ಜಿ.ಎನ್, ವಿದ್ಯಾರ್ಥಿ ಕ್ಷೇಮಾಭಿವೃದ್ಧಿ ಅಧಿಕಾರಿಯಾದ ಡಾ. ಅಂಬಿಕಾ ಆರ್ ಹಾಗೂ ಸಿಬ್ಬಂದಿ ವರ್ಗದವರು ಮತ್ತು ವಿದ್ಯಾರ್ಥಿ ವೃಂದದವರು ಉಪಸ್ಥಿತರಿದ್ದರು.



ಕಾರ್ಯಕ್ರಮಕ್ಕೆ ಆಗಮಿಸಿದ್ದ ಗೌರವಾನ್ವಿತ ಅತಿಥಿಗಳಾದ ಡಾ. ವಿ. ಬಿ. ಆರತಿಯವರನ್ನು ಸನ್ಮಾನಿಸಲಾಯಿತು.



ಕಾರ್ಯಕ್ರಮವನ್ನು ಉದ್ದೇಶಿಸಿ ಮಾತನಾಡಿದ ಡಾ. ವಿ.ಬಿ. ಆರತಿ ರವರು ಕನ್ನಡವು ತನ್ನದೇ ಆದ ವಿಶೇಷ ಕಲೆ, ಪರಂಪರೆ, ಸಂಸ್ಕೃತಿಯನ್ನು ಹೊಂದಿದೆ. ವ್ಯಾಕರಣ ಮತ್ತು ಸಾಹಿತ್ಯ ಕ್ಷೇತ್ರದಲ್ಲಿ ಕನ್ನಡದಲ್ಲಿ ಸಾಧನೆ ಒಂದು ಮೈಲಿಗಲ್ಲಾಗಿದೆ. ಎಲ್ಲರಿಗೂ ಕನ್ನಡ ಭಾಷೆ ನಿತ್ಯ ಬದುಕಿನಲ್ಲಿ ವ್ಯವಹರಿಸುವ ಭಾಷೆಯಾದರೆ, ಕನ್ನಡಕ್ಕೆ ಅಳಿವೆಂಬುದೇ ಇರುವುದಿಲ್ಲ. ಸರ್ಕಾರದ ಆಡಳಿತ, ಸರ್ಕಾರೇತರ ಕಛೇರಿಗಳಲ್ಲಿ, ಶಾಲಾ ಕಾಲೇಜುಗಳ ಆಡಳಿತದಲ್ಲಿ ಕನ್ನಡ ಭಾಷೆಯು ಹೆಚ್ಚಾಗಿ ಉಪಯುಕ್ತವಾಗಬೇಕು ಎಂದರು. ವಿದ್ಯಾರ್ಥಿಗಳು ಕನ್ನಡೇತರ ಗೆಳೆಯರಿಗೆ ಕನ್ನಡವನ್ನು ಕಲಿಸಿ, ಕನ್ನಡವನ್ನು ಉಳಿಸಬೇಕೆಂದು ಕರೆ ನೀಡಿದರು.



ವಿದ್ಯಾರ್ಥಿಗಳ ನೃತ್ಯ, ಹಾಡು ಮುಂತಾದ ಕಾರ್ಯಕ್ರಮಗಳು ನೋಡುಗರ ಗಮನ ಸೆಳೆಯಿತು.



ನಂತರ ಮಾತನಾಡಿದ ಪ್ರಾಂಶುಪಾಲರಾದ ಡಾ. ಮೋಹನ್ ಬಾಬು ಜಿ.ಎನ್. ಕನ್ನಡವು ಅತ್ಯಂತ ಶ್ರೀಮಂತ ಭಾಷೆಯಾಗಿದೆ. ವಿದ್ಯಾರ್ಥಿಗಳ ನಿತ್ಯ ಬದುಕಿನಲ್ಲಿ ಕನ್ನಡವನ್ನು ಹೆಚ್ಚು ಬಳಸಬೇಕೆಂದು ಕರೆ ನೀಡಿದರು. ಬೇರೆ ಭಾಷೆಗಳ ಪ್ರಾಬಲ್ಯವಿದ್ದರೂ ಎಲ್ಲಾ ಏಳು ಬೀಳುಗಳ ನಡುವೆ ಕನ್ನಡವು ಸಮೃದ್ಧವಾಗಿ ಬೆಳೆದು ನಿಂತಿದೆ, ಎಂದಿಗೂ ಮರೆಯಲಾಗದ ಭಾಷೆಯಾಗಿದೆ. ಕನ್ನಡದ ಹಿರಿಮೆ ಮತ್ತು ಗರಿಮೆಯ ಜವಾಬ್ದಾರಿ ನಮ್ಮೆಲ್ಲರ ಹೊಣೆಯೆಂದು ಹೇಳಿದರು.



ಕನ್ನಡ ಹಬ್ಬ ನವೆಂಬರ್ 17, 2023

ಬಿಎಂಎಟಿ & ಎಂ ಕಾಲೇಜಿನ ಆವರಣದಲ್ಲಿ ನವೆಂಬರ್ 17, 2023 ರಂದು ಕನ್ನಡ ರಾಜ್ಯೋತ್ಸವದ ಅಂಗವಾಗಿ ಹೊನ್ನೂರಿ ಸಂಘದಿಂದ “ಕನ್ನಡ ಹಬ್ಬ”ವನ್ನು ಆಚರಿಸಲಾಯಿತು. ಕಾಲೇಜಿನ ಆವರಣವನ್ನು ರಂಗು ರಂಗಿನ ಅಲಂಕಾರಿಕ ವಸ್ತುಗಳಿಂದ ಅಲಂಕರಿಸಲಾಗಿತ್ತು. ಬೆಳಿಗ್ಗೆ 10.30ಕ್ಕೆ ಪ್ರಾರಂಭವಾದ ಬೈಕ್ ರ್ಯಾಲಿಯು ವಿವಿಧ ಕಾರ್ಯಕ್ರಮಗಳಿಗೆ ಮುನ್ನುಡಿಯಾಯಿತು. ಈ ಸಂದರ್ಭದಲ್ಲಿ ಕಾಲೇಜಿನ ಪ್ರಾಂಶುಪಾಲರಾದ ಡಾ. ಮೋಹನ್ ಬಾಬು ಜಿ.ಎನ್, ಉಪ ಪ್ರಾಂಶುಪಾಲರಾದ ಡಾ. ಅನಿಲ್ ಜಿ.ಎನ್, ವಿದ್ಯಾರ್ಥಿ ಕ್ಷೇಮಾಭಿವೃದ್ಧಿ ಅಧಿಕಾರಿಗಳಾದ ಡಾ. ಅಂಬಿಕ ಆರ್, ಹಾಗೂ ಸಾಂಸ್ಕೃತಿಕ ಸಂಯೋಜಕರುಗಳು, ಸಿಬ್ಬಂದಿ ವರ್ಗದವರು ಮತ್ತು ವಿದ್ಯಾರ್ಥಿಗಳು ಉಪಸ್ಥಿತರಿದ್ದರು.

ನಂತರ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಹಾಗೂ ಸಿಬ್ಬಂದಿ ವರ್ಗದವರಿಗೆ ಸಂಗೀತ ಗಾಯನ, ಕವಿತಾ ವಾಚನ, ನೃತ್ಯ ಹಾಗೂ ಚರ್ಚಾ ಸ್ಪರ್ಧೆಗಳನ್ನು ಏರ್ಪಡಿಸಲಾಗಿದ್ದು, ಎಲ್ಲರೂ ಸ್ಪರ್ಧೆಗಳಲ್ಲಿ ಸಕ್ರಿಯವಾಗಿ ಭಾಗವಹಿಸಿದರು.

ವಿದ್ಯಾರ್ಥಿಗಳ ನೃತ್ಯ, ಹಾಡು, ವೇಷಭೂಷಣ ಪ್ರದರ್ಶನ ಮುಂತಾದ ಕಾರ್ಯಕ್ರಮಗಳು ನೋಡುಗರ ಗಮನ ಸೆಳೆಯಿತು. ಕಾರ್ಯಕ್ರಮದ ಅಂತ್ಯದಲ್ಲಿ ಸ್ಪರ್ಧೆಗಳಲ್ಲಿ ಭಾಗವಹಿಸಿದ ವಿಜೇತರ ಹೆಸರುಗಳನ್ನು ಘೋಷಿಸಲಾಯಿತು.



Placement Information

The placement season for the 2024 Batch commenced on 01.07.2023. As of 30.11.2023, a total of 370 placement offers have been placed and given internship offers as detailed below.

Sl. No.	COMPANY NAME	TOTAL NO. OF JOB OFFERS	CTC-LPA (Rs.)	Placement/Internship
1	ACCORIAN	7	9,00,000	Placement & Internship
1	AB Plastomech	1	3,00,000	Placement & Internship
2	ACCENTURE	25	4,00,000	Placement & Internship
3	ACCORIAN	7	9,00,000	Placement & Internship
4	ACE DESIGNERS	1	3,29,000	Placement & Internship
5	ALSTOM	5	6,80,000	Placement & Internship
6	AMADA	5	4,00,000	Placement & Internship
7	AMAZON	10	26,00,000	Placement & Internship
8	ANZ	14	12,50,000	Placement & Internship
9	ANZ Apprentiship	12	5,00,000	Placement & Internship
10	AVAALI SOLUTIONS	9	4,00,000	Placement & Internship
11	BRITISH TELECOM	5	8,92,000	Placement & Internship
12	BURNS & MCDONNELL	2	5,60,000	Placement & Internship
13	CARL ZEISS	10	11,00,000	Placement & Internship
14	CODEYOUNG	6	7,36,000	Placement & Internship
15	CSG	1	6,50,000	Placement & Internship
16	CSG	1	7,50,000	Placement & Internship
17	DATA INSIGHTS	1	18,00,000	Placement & Internship
18	EPICOR	6	9,25,000	Placement & Internship
19	EPSILON	8	8,00,000	Placement & Internship
20	EVERTZ INDIA	2	4,50,000	Placement & Internship
21	FIDELITY	3	9,00,000	Placement & Internship
22	GALAXE SOLUTIONS	18	5,00,000	Placement & Internship
23	IBM	21	4,75,000	Placement & Internship
24	MONEYVIEW	4	16,00,000	Placement & Internship
25	NAMASTE CREDIT	6	8,00,000	Placement & Internship
26	NEW FOLD DEGITAL	1	15,00,000	Placement & Internship
27	ORACLE	19	9,34,740	Placement & Internship
28	PHONEPE	6	26,00,000	Placement & Internship
29	POLARIS	9	8,00,000	Placement & Internship
30	PROTIVITI INDIA	23	4,00,000	Placement & Internship
31	RINEX TECHNOLOGIES	56	5,20,000	Placement & Internship



Sl. No.	COMPANY NAME	TOTAL NO. OF JOB OFFERS	CTC-LPA (Rs.)	Placement/Internship
32	SAMSUNG	3	9,00,000	Placement & Internship
33	SAMSUNG	2	9,00,000	Placement & Internship
34	SIEMENS HEALTHINEERS	10	8,50,000	Placement & Internship
35	SIEMENS TECHNOLOGIES	1	5,00,000	Placement & Internship
36	SIRIUS	3	7,00,000	Placement & Internship
37	TATA ELXSI	23	3,50,000	Placement & Internship
38	TATA ELXSI	4	5,00,000	Placement & Internship
39	TEACHNOOK	16	6,00,000	Placement & Internship
40	TECHNOLOGICS GLOBAL	4	4,00,000	Placement & Internship
41	UI PATH	1	10,00,000	Placement & Internship
42	UNISYS	3	8,00,000	Placement & Internship
43	UST	3	4,25,000	Placement & Internship

Events/Placement drive Organized by Placement Department

- ▶ M./s Salesforce Education Summit: Salesforce Education Summit on 02.11.2023.
- ▶ M./s SAP TechEd: SAP TechEd Event on 02.11.2023.
- ▶ M./s Vtiger: 2024 Batch Vtiger PPT Campus Drive Process on 03.1.2023.
- ▶ M./s BIM: BIM software training for Civil students 2024 batch 6.11.2023 to 10.11.2023.
- ▶ M./s Polaris: 2024 Batch Polaris Campus Drive Process on 07.11.2023.
- ▶ M./s Protiviti: 2024 Batch Protiviti Campus Drive Process on 08.11.2023.
- ▶ M./s ANZ: 2024 Batch ANZ Campus Drive Process on 09.11.2023.
- ▶ M./s Flex Tek: 2024 Batch Flex Tek Campus Drive Process on 09.11.2023.
- ▶ M./s Namaste Credit: 2024 Batch Namaste Credit Campus Drive Process on 15.11.2023.
- ▶ M./s Dell Technology: 2025 Batch Dell Technology Campus Drive Process on 15.11.2023.
- ▶ M./s TestVagrant: 2024 Batch TestVagrant Campus Drive Process on 25.11.2023.







JNANAVARDHANA

'Teachers to be taught and trained'—is a relatively growing concept found in Societies all over the world, in the nineteenth and twentieth centuries. Also, Quality education is considered as the backbone of the nation 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 details of the talks held during November 2023 are given below:

Sl. No.	Presenters	Date	Time	Topic Title
1	Dr. Vishwa Kiran S.	07.11.2023	12:00 To 1:00 PM	Forging my skills for the past 24 years
2	Dr. Balu L.	15.11.2023		Emerging Leadership Styles
3	Dr. Dhananjay	22.11.2023		Nuclear Energy: Challenges and Opportunities
4	Dr. Usha B. A.	29.11.2023		Big Data in Cyber Security

Proctoring System and Counselling Report

Under each proctor (assigned faculty) a maximum of 25 students are allocated. Proctoring of each Department is monitored by a team of deputy chief proctors and a chief proctor at the institutional level. Students who have behavioural issues, or personal issues can avail the guidance of professional counsellor Mrs. Chetana Srinivas. She visits campus on Tuesday and Friday from 1.30 pm to 4.30 pm. She provides counselling for 'Behavioural', 'Personal', and 'Academic' issues. Students having academic deficits were guided by 'Study skills' and 'Time-Table management'. Six students received academic guidance.

Student VA of seventh semester Civil, DA of fifth semester ECE and CH of seventh semester ECE

requested academic guidance. Effective Study Skills and Timetable management were shared. All three exhibited improvement in academic performance after eight sessions of counselling.

Student MA of first-semester ISE and TA of first-semester CSE had emotional disturbance due to a toxic family relationship. Understanding their issue and cognitive behaviour therapy was utilized to reframe thoughts and provide emotional stability.

Staff SH has academic and personal stress. Art therapy and client-centred therapy were utilized for counselling. Parent HE, mother of CH of the seventh semester ECE discussed parenting and academic issues of her son.

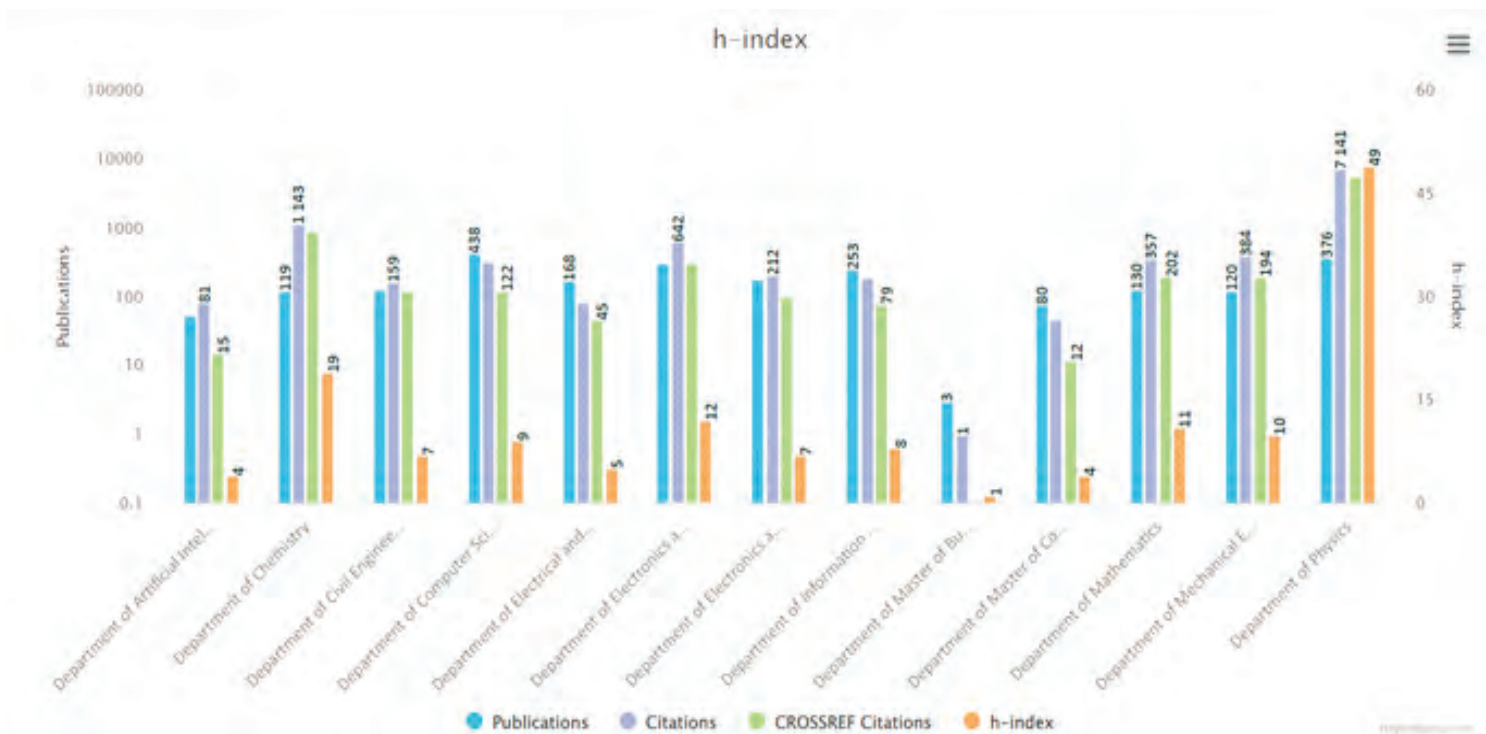
To conclude, Five students, one staff and one parent were counselled in the above period.

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Faculty publication information from IRINS site

IRINS is a 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, faculty members, and scientists to collect, curate, and showcase scholarly communication activities and provides an opportunity to create a scholarly network. BMSIT&M through IRINS brings the details of its faculty research and publications details for the month of November 2023.



BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT

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