BMS
INSTITUTE OF TECHNOLOGY AND MANAGEMENT
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BMS

INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Dharmaprakasha Rajakarya Prasakta
LATE SRI. B. M. SREENIVASAIAH
Founder
B.M.S. Educational Trust

LATE SRI. B. S. NARAYAN
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B.M.S. Educational Trust

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. Sanjay H A
Principal, BMSIT&M

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Faculty Achievements/Awards

Faculty as Resource Person

- Prof. Tejaswini B J, I/C H.O.D & Assistant Professor, Department of Humanities and Social Sciences, extended her support as a resource person to NSS Special Camp organised by Sai Vidya First Degree College, Bangalore on 13.04.2024 at Govt High School, Aradeshanahalli. Bangalore. She delivered a talk on 'The Importance of Value Education'.

Faculty Awards

- Prof. Sandhya Devi N.K, Faculty in English, Humanities and Social Sciences Department received a Doctoral degree on 23.04.2024 at Presidency University, Bangalore. The title of the thesis was "Identity, Desire, and Shame: A Study of Mixed-orientation Marriages through Select Queer Narratives" which focused on Queer Studies through the field of English Literature.

Industrial Visit

- The Department of AI&ML, Second semester students went to industrial visit at Visvesvaraya Industrial & Technological Museum on 17.04.2024.

- On April 24, 2024, the ETE department organized an industrial visit for fourth-semester students to a PC process company. Fifty-five students participated, accompanied by faculty members Dr. Saritha I. G., Prof. Prathiba N., and instructor Mr. Arun Kumar R. N. During the visit, students learned about the preparation of PCB boards and the steps involved in the PC process.

FDP Conducted/ Organised

• A workshop titled "Application Development and Data Insights using "Oracle APEX" – Low Code Application Development Platform" was organized by ICT. To commemorate "International Girls in ICT day", Oracle Volunteering will be collaborating with ICT Academy in encouraging young women and girls to thrive in Science, Technology, Engineering and Mathematics (STEM) fields, "Software Development" being one such area.

Through this exclusive technical hands-on workshop, the ORACLE team introduced the audience to APEX, Oracle's Low Code Application Development platform. Using APEX, these young developers quickly developed and deployed compelling apps that solve real problems and arrive at valuable data insights. This workshop gave them hands-on experience in creating their own First APEX based low code application, enhancing software development skills and opening up the avenues to leverage APEX for future projects.

The Presenters of the workshop were:

1. Gowthami Gowda J S – Cloud Solution Engineer, Oracle

2. Angeline Hilda W – Cloud Solution Engineer, Oracle

3. Kamalesh Jayapandiaraj Arumugam – Cloud Solution Engineer, Oracle

4. Dr. Kamal Peter – Principal Specialist, Oracle Volunteering & CSR India

5. Dr. Ajay Ahuja – Senior Director, Solution Engineering Programs, Oracle JAPAC

6. Mr. Sai Chaduvula, Regional Account Manager-South India, ORACLE NetSuite Cloud ERP

7. Archana Perumal, IT Consultant, Oracle Application Lab

• The Department of Computer Science and Engineering (CSE) conducted a two-week Refresher Course on "Interdisciplinary Cutting-Edge Technologies in Science", between March 25, 2024 to April 6, 2024. The course commenced with an inauguration attended by distinguished dignitaries, including Dr. Vishwas Bapat as Convener, Dr. Sanjay, Principal, Dr. Anil GN, Vice Principal, Dr. Thippeswamy G., Professor and Head, department of CSE, and Dr. Bhuvaneshwari C. M., Chief Coordinator. During the inauguration, the convener underscored the importance of embracing interdisciplinary technologies in his address to the participants.

Mr. Ajinkya Lohakare, CTO and Founder of Ditto Security, delivered four informative sessions on "Byte Pair Encoding (BPE) and Sequence-to-Sequence Models and Their Applications in NLP" on April 1, 2024. Dr. Vivek Borkar from IIT Bombay hosted two insightful sessions on "Deep Learning Concepts and Reinforcement Learning Techniques" on April 2, 2024. On the same day, Mr. Kamlesh Joshi from EBTS Pune presented an informative session on "Basics of Networking Subnets and VLAN Infrastructure Components and Functions." The following day, he delivered another session on "Firewall, IDS/IPS, Gateway AV, Content Filter, Ports and Protocols, VAPT, Ethical Hacking, SIEM, IAM, and PAM". On April 4, 2024, Dr. Jayant R. Haritsa

from IISC Bangalore presented an informative session on "Recent Advances in Database Systems, Robust Database Query Processing, and Hidden Database Query Extraction." On April 5, 2024, Dr. Chetan Singh Takur, Banhimitra Kundu, and Adithya MD from IISC Bangalore delivered a session on "ML on Edge and Tiny ML." They concluded the course on April 6, 2024, with lab sessions on "Hardware Deployment 1 and 2" and a "Gesture Recognition Demo and Deployment."

- The Department of MBA organized a workshop on "Research Methodology using SPSS" for its students on April 19, 2024. The workshop was led by Dr. Moovendhan, an industry veteran turned academic with over a decade of experience in teaching and research. The workshop offered a thorough understanding of research methodology using SPSS, covering essential topics such as data importation, hypothesis testing, and advanced analytical techniques. Participants gained valuable skills for conducting empirical research with confidence through a hands-on approach and practical exercises. This allowed students to apply theoretical concepts to real-world scenarios, enhancing their appreciation for SPSS's role in empirical research. Overall, the workshop equipped students with the necessary tools and knowledge to effectively embark on research projects.

- The Department of MCA organized a Soft Skills Training for first-semester MCA students on April 6, 2024, to prepare them for campus interviews. The program was attended by 95 students and led by Dr. Balu L., Professor in the Department of MBA at BMSIT&M. The training was highly beneficial, helping students understand the importance of verbal communication, body language, and other key skills.

Student Participation in Fest

The first-year MBA students participated in the Management Fest "Visheh 2024," organized by Ramaiah Institute of Technology on April 19 and 20, 2024. In the "Business Analytics" event, Mr. Rakshith C and Ms. Vaishnavi won first prize, while Mr. Harsha Vardhan SB and Ms. Gouthami Pai secured second prize. Additionally, Mr. Vishwas N. and Mr. Vishwas V. S. won second prize in the business quiz event.

International Conference / Journal Publications

- Anupama H S, Associate professor, AI&ML, presented a paper titled "Adversarial learning for De-Identification of Medical-Record "in IEEE 2nd International Conference On Knowledge Engineering and Communication Systems held at S.J.C Institute Of Technology, Chickaballapur on 19.04.2024.

- Pradeep K.R, Assistant professor, AI&ML, presented a paper titled "Personalized Adaptive Learning Empowered By Artificial Intelligence "in IEEE 2nd International Conference On Knowledge Engineering And Communication Systems held at S.J.C Institute Of Technology, Chickaballapur on 19.04.2024.

- Kantharaju V, Assistant professor, AI&ML, presented a paper titled "Impact of hybrid[CPU_GPU]Architecture On Machine Learning-Based Image-To-Image Translation Using HiDT" in the IEEE 2nd International Conference On Knowledge Engineering And Communication System held at S.J.C Institute Of Technology, Chickaballapur on 19.04.2024.

- Dr. Balu L. "Talent Management and Making Digital", International journal for Multidisciplinary Research, 6, no.2, 1-6 (April 2024).

- Dr. Vinod B. R, et.al Assistant Professor, Department of Civil Engineering, BMS Institute ofTechnology and Management "Analysis and Optimum Design of Counter-fort Retaining Wall Utilizing Geo5 Software" , International Conference on Sustainable Infrastructure: Innovations, Opportunities and Challenges-2024 (SIIOC-2024) , National Institute ofTechnology Karnataka (NITK), Surathkal April 30th & May 01st, 2024.

- Dr. N. Rakesh Associate Professor, Department of Information Science and Engineering and co-authors Mr. Mohamed Shakir and Dr. Kumaran U. presented a paper titled "Deep Learning Approaches for Air Quality Prediction Using Spectrogram Images of Time Series" at 2ND International conference on challenges in information, communication, and computing technology (ICCICCT-2024) K.S.R. College of Engineering, K.S.R. Kalvi Nagar, Tiruchengode - 637 215,Namakkal (D.t), Tamilnadu, India. The paper will be published in Scopus indexed Taylor & Francis: Open Access Conference Proceedings.

- Nithyananda.Katta., Sandhya. Devi., & Nittali, Kiran. "Unearthing Gender and Sexual Identity through Intersectionality: A Critical Study of We Have Always Been Here: A Queer Muslim Memoir.", Journal of Migration Affairs, 6, no. 1 & 2, 38–56. https://doi.org/10.36931/jma.2024.6.1-2.38-56.

- Mrs. Tejaswini B J, Dr. K R Aithal, "The Supreme Court of India on Evergreening of Patents", Journal of Educational Administration: Theory and Practice, https://doi.org/10.53555/kuey.v30i4.1945 Scopus indexed.

AI and ML are pivotal in today's world due to their transformative impact on various sectors. They enhance data analysis capabilities, leading to more informed decision-making and predictive insights. In healthcare, they improve diagnostics and personalized treatment plans. In business, they optimize operations and customer experiences through automation and advanced analytics. Moreover, AI and ML are driving innovation in fields like autonomous vehicles, smart cities, and cybersecurity, making them indispensable for modern technological advancement.

BICEP Activates

Prototype Funds received from Karnataka Elevate call-2

- MoA signing: The BICEP-incubated startup, Dostbin Solutions Private Limited, signed a Memorandum of Agreement (MoA) with the Karnataka Innovation & Technology Society (K-Tech), Department of Electronics, IT, BT and S&T, Government of Karnataka, for a period from April 2024 to March 2025. As part of this agreement, 50% of the 23 lakh rupees fund has been provided as the first tranche of grant-in-aid for the research, development, and market testing of their product, Dostbin. The startup is collaborating with K-Tech partner MINRO (Machine Intelligence and Robotics CoE) at IIIT Bengaluru and is also mentored by NASSCOM startups through the We.Tech (Women in Technology Innovation Startups) program.

months with periodic reviews. Additionally, the team has the opportunity to secure an additional 10 lakh rupees in funding through an evaluation at the exhibition of 25 eco-innovative products at IIT Madras in October 2024, contingent on the successful utilization of the initial funds and completion of the project.

Carbon Zero Challenge 4.0 All India Eco-innovation and Entrepreneurship contest

- DOSTBIN has been selected as one of the top 25 teams in the Carbon Zero Challenge 4.0, an All India Eco-Innovation and Entrepreneurship Contest conducted by IIT Madras. The team attended a three-day boot camp at IITM from April 22 to 24, 2024, followed by an embarkation ceremony on April 25, 2024, where they secured 5 lakh rupees in funding. They will collaborate with IITM for six

Beyond Campus

- In the Inauguration of BM Sreenivasaiah Innovators Guild Foundation (BIG), the foundation hosted a business pitch event featuring a prize pool of 15 lakh and potential investments from venture capitalists serving as evaluators. BMS Institute of Technology and Management (BMSIT&M) participated in three groups:

1. Lokesh and Team from the Department of Information Science and Engineering (ISE) presented their project titled "DELOAI."

2. Deepak Dille, an alumni student from the Department of Civil Engineering, pitched his project titled "Naaripads Pvt Ltd."

3. Shankar Gouda, an alumni student from the Department of Civil Engineering, showcased his project titled "Biofuels."

Asha K and took place in the IoT lab of the AIML department.The winners of the event are as follows:

· 1st Prize: Team - Baljeet Kumar Patel, Jatin Sharma, Kulajeet Barman, Saksham Agarwal and Simma Leeladithya.

· 2nd Prize: Team - Alan Biju, Ashil Jermaine George, Akshat Jaiswal, Anish Anand Pulsay, A Nitish

· 3rd Prize: Team - Chiranthan Gangadharappa, Deepak Suresh, B. Kavin, B. Mohith

IIC activity

• As part of the Institute Innovation Council (IIC) initiative, the Department of Electronics and Communication Engineering (ECE) and BICEP organized a workshop and competition called "Connect 'n Control: SIMULINK & IoT Challenge" for second-semester students from ECE, ETE, and EEE on April 19 and 20, 2024. The competition involved solving a problem statement presented by industry professionals, with sessions led by Mr. Rakshith B. S from CoreEL Technologies and Mr. Kshitij K. U from TIF Labs. Four teams, each comprising five students, participated in the event. Cash prizes were awarded, with Rs 3000 for first place, Rs 2000 for second place, and Rs 1000 for third place, along with certificates. The event was coordinated by Dr. Anna Merine George and Dr.

Summer of Projects

• The "Summer of Projects" is a collaboration between IEEE and BICEP, encompassing multiple domains, each led by a specific society. The primary goal of this initiative is to provide hands-on experience in various technical fields and foster a genuine passion for engineering among students. Initiated in April, the program is scheduled to run from May to June 2024, benefiting 50 students from all undergraduate departments. The focus streams are AIML, IoT, and Robotics.

Talent's Day Celebration

- The Talent's Day event was a vibrant celebration of the diverse talents and abilities of our first-year students. Held on April 20, 2024, at the Amphi Theatre from 2:00 PM to 4:00 PM, the event featured an array of performances including musical acts, dance routines, poetry recitations, and rap performances. With a total of 15 events, there was something for everyone to enjoy. The atmosphere was filled with excitement and support as each participant took the stage to showcase their talents. The audience, numbering around 400, cheered on their peers, creating a sense of camaraderie and appreciation for the hard work and dedication put into each performance.

- Talent's Day not only provided entertainment but also served as a platform for students to express themselves creatively and showcase their passions. It fostered a sense of inclusivity and unity, allowing everyone to come together and celebrate each other's unique gifts. Overall, Talents Day was a resounding success, leaving a lasting impression on all who attended. It highlighted the wealth of talent within our student community and underscored the importance of nurturing and celebrating creativity in all its forms.

Internal Complaint Committee Activities

- An awareness session titled "Safe Campus, Safe City" was jointly organized by the College Internal Complaint Committee (CICC) and the NDLI club, in collaboration with Red Dot, an NGO dedicated to raising awareness about gender and sexuality issues. The session took place on April 23, 2024, from 9:30 to 10:30 am, in Seminar Hall-2, Academic Block-2nd floor, and was attended by second-semester ISE (M section) and AIML (E section) students.

- Mr. Rajendra Prasad, a volunteer from the Red Dot Global Foundation, served as the resource person. He addressed the students on the definition of sexual harassment as per the Indian Penal Code, the POSH Act, and the POCSO Act. He sensitized them about society's role in combating sexual assault in public spaces and engaged them in discussions about gender discrimination. The session received positive feedback from both students and members of the CICC. Additionally, students were briefed on the functioning and grievance redressal mechanism of the CICC within the college. The session was attended by 120 students.

Sports Activities

- Lt. Rani M. S. attended the Annual Sports Meet as Chief Guest held at St.Claret College on April 8th 2024.

NCC Activities

Ek Bharat Shreshtha Bharat (EBSB) camp

Thirty ninth Kar Bn NCC conducted an interview selection for the upcoming EBSB National Camp where 4 cadets from NCC BMSIT&M participated from which LCPL. Ratnakaram Sarvani got selected.

Lok Sabha Election duty

A training session was conducted at Dr. Ambedkar Bhavan, Vasanth Nagar, organized by the Karnataka State Election Committee, to prepare volunteering cadets for their roles and responsibilities in the Lok Sabha election 2024. Five cadets from BMSIT&M participated in this training session, where they received guidance on their duties. Following the training, these cadets volunteered at various polling stations during the Lok Sabha election 2024, effectively executing the tasks assigned to them by the Election Committee.

"This next generation of AI will reshape every software category and every business, including our own. Although this new era promises great opportunity, it demands even greater responsibility from companies like ours."

Satya Nadella
CEO at Microsoft, 2023

"Artificial intelligence would be the ultimate version of Google. The ultimate search engine that would understand everything on the web. It would understand exactly what you wanted, and it would give you the right thing. We're nowhere near doing that now. However, we can get incrementally closer to that, and that is basically what we work on."

Larry Page
Google Co-founder

Placement Activities

2024 BATCH FINAL PLACEMENTS:

The placement season for the 2024 Batch commenced on 01.07.2023. As on 30.04.2024, total 775 placement offers have been placed and given internship offers.

Events drive Organized by Placement Department

- M/s Kalpataru: 2024 Batch Kalpataru Campus Drive on 12.04.2024

- M/s EPICOR: EPICOR Company Drive Process on 17.04.2024.

- M/s Kyndryl Collaborative: Kyndryl Collaborative Company Drive Process on 17.04.2024.

- M/s Mphasis: Mphasis Company Drive Process on 29.04.2024.

- M/s Merchant Navy: Women Empowerment in Merchant Navy Session on 30.04.2024.

- The Department of MBA organized a two-day placement training program for its first-year students on April 22 and 23, 2024. The primary aim of the program was to equip students with the essential communication and aptitude skills required to secure employment at their desired companies. The first segment of the training program focused on enhancing communication skills and was conducted by Dr. Mujahid Sheikh. The second segment aimed to improve the students' aptitude abilities and was led by Mr. Dhanush. Participants found both segments to be highly beneficial and informative, with the facilitators delivering the content in an engaging manner.

"I don't spend my time pontificating about high-concept things; I spend my time solving engineering and manufacturing problems."

-Elon Musk

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