



BMS

INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Avalahalli, Yelahanka, Bengaluru - 560064.



May 2021







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

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Awards

- Dr. Karabi Sikdar, Professor & HOD, Department of Mathematics has been recognized as an honorary Rosalind Member of London Journals Press (Membership ID, #LP21502, valid for the quarter of this year), 24.05.2021.
- Dr. Keerthi Kumar N, Assistant Professor, Department of Mechanical Engineering has been selected as Scientific Committee Member for 2nd International Conference on Emerging Trends in Science, Engineering and Management (ICETSEM-2021), Organized by GM Institute of Technology (GMIT), Davangere, Karnataka, in Association with Institute for Engineering Research and Publication (IFERP), from 15th to 16th July 2021.

Session Chair

- Dr. Usha B A, Associate Professor, Dept of CSE was session chair for the 3rd International Conference on Advances in Computing & Information Technology (IACIT- 2021) on 17.05.2021 & 18.05.2021 organized by REVA University, Bengaluru
- 2. Dr. HemaMalini B. H, Associate Professor, Dept of CSE delivered a webinar on "Introduction to Machine Learning", on 28.5.2021 between 12.00pm to 1 pm for the students of Brindavan College of Engineering, Bangalore.
- 3. Prof. Swetha M S, Assistant Professor, ISE, was a "Jury member" for "Online Project Presentation 2021", VI semester students of MCA department at Cambridge Institute of Technology Bangalore 560036, on 29.05. 2021.

Board of Examination

- 1. Dr. Bharathi M A, Professor & HoD, Al&ML was a BOS member for School of CIT, Reva University, 20.5.2021.
- 2. Dr. Arun kumar B.R. Professor, Chairman, BOS, VTU MCA programme attended the joint BOS meeting chaired by the Vice chancellor, held on 31.05.2021.

- 3. Dr. Thippeswamy G, Professor, Dept. of CSE Attended the Board of Studies Meeting (Online) for the Boards of CSE/ISE/AIML at Visvesvaraya Technological University, Belagavi on 08.05.2021.
- 4. Dr. Thippeswamy G, Professor, Dept. of CSE Attended the Board of Studies Meeting (Online) for the department of CSE/ISE/AIML at New Horizon College of Engineering, Bangalore on 08.05.2021.

Faculty as Resource Person

- 1. Dr. Bharathi M A, Professor & HoD, Al&ML, was a resource person for Machine learning in Health Care Domain, Reva University on 10.5.2021.
- Dr. Rakesh N, Associate Professor, Department of AIML, Invited to serve as "Technical Program Committee Member" for 2021 2nd International Conference on Information Technology, Advanced Mechanical and Electrical Engineering (ICITAMEE) Universitas Muhammadiyah Yogyakarta (UMY), Yogyakarta, Indonesia, August 25-26th 2021.
- 3. Dr. Rakesh N, Associate Professor, Department of AIML, Appointed has Co-Thesis Advisor for couple of Research Scholars in Dept. of Computer Science and Engineering at Amrita University, Bengaluru Campus.
- 4. Dr. Rakesh N, Associate Professor, Department of AIML, Selected as an external examiner to evaluate the Ph.D thesis entitled "Cloud Computing anomaly intrusion detection system to detect DDOS attack in private cloud environment". Vels University, Vels Institute of Science, Technology & Advanced Studies (VISTAS), -Chennai-600 117,
- Dr. Rakesh N, Associate Professor, Department of AIML, Invited has External examiner for M.Tech project evaluation at PES University, South Campus.
- 6. Mr. Vinod B R, Assistant Professor, Department of Civil Engineering, BMS Institute of Technology and Management Bangalore has extended his support as Resource person on the Webinar "Solid Waste Management by Landfilling" organized by Department Of Mechanical Engineering, Nitte Meenakshi Institute of Technology, Bangalore on 28th May 2021.



- 7. Dr. Thippeswamy G, Professor, Dept. of CSE Resource Person for Training the Faculty members of Government Engineering Colleges during 18.05.2021 to 22.05.2021, Invited by the Department of Collegiate and Technical Education, Government of Karnataka for training the faculty members of selected Government Engineering Colleges of Karnataka for NBA.
- Dr. Thippeswamy G , Professor, Dept. of CSE Delivered a talk on Cyber Laws: IT Act 2000 in 6-days AICTE-ISTE funded Induction / Refresher program (Second Phase) on 'Next Generation Wireless Communication: 5G & Beyond' during 03.05.2021 to 08.05.2021 organized by the Department of Electronics & Communication Engineering K.S Institute of Technology, Bangalore
- Dr. Thippeswamy G , Professor, Dept. of CSE Delivered an Expert Lecture on the "Emerging trends in Computer Science and Engineering" for our First-Year Engineering Students during the Induction Programme (Phase - II) at Govt SKSJTI on 11.05.2021, Bangalore as a Part of AICTE and VTU norms.
- 10. Dr. Arun kumar B.R. Professor, delivered a webinar on the topic "Blockchain, Smart contracts and its Applications" to the faculty members during 01.05.2021 organised by the Srinivasa University, Mangalore.
- 11. Dr. Arun kumar B.R. Professor, delivered a webinar on the topic "Avoiding Double spending problems and its use cases" as a part of the 10th series of Jnaanavardhana during 26.05.2021 a unique programme of BMSIT&M.
- 12. Dr. Arun kumar B.R. Professor, delivered a webinar on "Ethical Issues and Plagerism Checking in Research Papers" during 06.05.2021 organized by Sri Jagadguru Renukacharya college of Science, Arts and Commerce, Bengaluru.
- 13. Dr. Usha B A, Associate Professor, Dept of CSE has delivered a talk on "Current Trends in Intellectual Property Rights" on 26th May 2021 organized by Dept of ISE, Malnad College of Engineering, Hassan.
- 14. Prof. Ashwini N.Assistant Professor, 3 days Add-on

- Program on the topic "Concept of JAVA" to the IEEE Students under IEEE Student Chapter from 22.05.2021 to 24.05.2021 at The Oxford College of Engineering, Bangalore.
- 15. Prof. Ashwini N , Assistant Professor, Resource Person on the topic "Introduction to Machine Learning" for PERU Students on 26.05.2021 at University Nacional Mayor de San Marcos, PERU, South America.
- 16. Dr. HemaMalini B. H., Associate Professor, Dept of CSE delivered a webinar on "Introduction to Machine Learning", on 28.5.2021 between 12.00pm to 1 pm for the students of Brindavan College of Engineering, Bangalore.
- 17. Dr. Geeta Amol Patil, Associate Professor, ISE has extended their support as Resource person for delivering a talk on Systems for Data Analytics, at CISCO, Bangalore, on 08.05.2021.
- 18. Prof. Swetha M S, Assistant Professor, ISE has extended their support as Resource Person for Delivering talk on "Cryptography and Soft Computing Techniques for Blockchain Applications" at Department of CSE, Cambridge Institute of Technology, Bangalore, on 7.05.2021
- 19. Dr. Karabi Sikdar, Professor & HOD, Department of Mathematics was the resource person in a Webinar under the program Meet the Leaders, Adamas University, Kolkata on 23.05.2021.
- 20. Dr. Jojy Joseph Idicula, Professor, Department of Mathematics was the resource person in a National Webinar on "Concepts and Applications of Probability and Statistical Methods for Students & Faculties" which was organized by the Dept. of Mathematics, SJCIT, Bengaluru on 10.05.2021.
- 21. Dr. Kallur V Vijayakumar, Assistant Professor, Department of Mathematics was the resource person for the expert talk Daily life applications of Mathematics at RRCE, Bengaluru on 28.05.2021.
- 22. Prof. Drakshaveni G., Assistant Professor, Dept. of MCA has extended her support as resource person for a webinar on "Software Testing in Research" organized by Dept. of MCA in association with IQAC, Brindavan College of Engineering, Bengaluru on 17.05. 2021.

Students Achievements

- Mr. Vikas.C bearing USN 1BY17CV061 has been awarded with Certificate of Excellence by CONTRIVER, Mysore, for his efforts during the student industry internship from 1st March to 10.05.2021. He has also been hired by the firm.
- 2. Mr. Vimal Kumar Sancheti student of 8th Sem Bearing USN 1BY17CS187, during the second wave peak time has been created the Google form technique for Requirement of plasma and to get Plasma donors after getting approval from govt hospital and he has started circulating form and got many donors information & shared to blood bank in Rajastan. The work was published by the news agencies in Rajastan.
- Mr. Vimal Kumar Sancheti student of 8th Sem Bearing USN 1BY17CS187 delivered the session for "Covid vaccination awareness" was done by 1BY17CS187 Vimal Kumar Sancheti (8th-C) https://youtu.be/t16nILN89sw,during May 2021.
- 4. Mr. Shantanu jain, Student of 6th sem Bearing USN 1by18cs147, prepared a list of resources for students who wants to learn web development for placement, Ti is available at the following address https://www.notion.so/Resources-86c473865d7d4 db28c9fe1e9cd415b5f, during May 2021.
- 5. ECE dept students, Mr. Krishan Bajpai (Team Leader), Ms. Anisha lakshmi G R, Ms. Anjali U Patil and Ms. Aayushi Singhvi who were a part of interdisciplinary team from ECE and CSE has proudly made it to the IICDC Conclave Top 60 Winners on 31.05.2021 through 1:1 Virtual Evaluations of 'DST & Texas Instruments (TI) Inc. India Innovation Challenge Design Contest 2019', anchored by the N S Raghavan Centre for Entrepreneurial Learning (NSRCEL) an Indian Institute of Management (IIM), Bangalore, start-up incubation centre

Collaborative Research

 Dr. C. Kavitha, Assistant Professor, is collaborating with CeNS, Bangalore

Reviewer for Journal / Conference

- Dr. Rakesh N, Associate Professor, Department of Al&ML, Reviewed three technical research papers for The 2021 International Conference on Radar, Antenna, Microwave, Electronics and Telecommunications (ICRAMET) will be held virtually on November 23th -24th, 2021.) Research Center for Electronics and Telecommunications (PPET), Indonesian Institute of Sciences (LIPI).
- Dr. Satish Kumar .T, Associate Professor, CSE was a reviewer for 16th International Conference on Information Processing organized by UVCE, Bangalore during May 2021.
- Dr. Archana R A, Assistant Professor, CSE was a reviewer for 16th International Conference on Information Processing organized by UVCE, Bangalore. during May 2021
- Dr. Dhanalakshmi B K , Assistant Professor, CSE was a reviewer for 16th International Conference on Information Processing organized by UVCE, Bangalore during May 2021.
- Dr. Arunakumari B. N, Assistant Professor, CSE was a reviewer for Indian Journal of Science and Technology, published by Indian Society for Education and Environment during May 2021.
- Dr. Usha B A, Associate Professor, Dept of CSE has reviewed three papers for the Springer Journal on Multimedia tools and applications which is Scopus and ACM Library Indexed during May 2021.
- Dr. Lakshmi B N, Assistant Professor, CSE was a reviewer for 16th International Conference on Information Processing organized by UVCE, Bangalore. during May 2021
- Dr. Geeta Amol Patil, Associate Professor, ISE was a reviewer for the conference Sixteenth International Conference on Information Processing (ICInPro) – 2021.
- Dr. Annamma Abraham, Professor, Department of Mathematics is a Reviewer of a paper for Springer Journals, SN Computer Science during May 2021.
- Dr. Daruka Prasad B, Assistant Professor, Physics Department was reviewed the Journal paper on 01.04.2021:- Ms. Ref. No.: ARABJC-D-21-00210, Title: Green Synthesis of ZnO Nanoparticles Using Otestegia limbata Extract, Characterization and Catalytic Potential, Arabian Journal of Chemistry, Elsevier Publisher, IF 4.762.
- Dr. C. Kavitha, Assistant Professors, got invitation to review RSC publications.



Memorable Moments / Best practices

1 Department of AI & ML has organized Parents Teachers Meeting for 4th semester students on 22.5.2021.Parents-Teachers Meeting (PTM) for 4th semester students of AI & ML was conducted on 22.5.2021. Around 35 parents participated in the meeting. Head of the Department welcomed all the parents and students for the meeting. HoD briefed about the subjects that the 4th semester students has and the classes how it is going on. She also introduced the faculty, handling the subjects to the parents. Later all the subject teachers briefed about their subject and the methodology of teaching that they adopted and the way, in which labs are conducted. Few students were not regular to the classes, such parents were intimated that their wards attending the classes and labs regularly as the VTU is strict on attendance criteria this time. Parents asked about the exams and the internals the way it will conducted. From the department it has been conveyed that exams will be offline and so with internals. All necessary SOP's will be foll wed as per the VTU guidelines for the same.



2. The Brainium the technical forum of the Department of Artificial Intelligence and Machine Learning, BMSIT&M, Bengaluru in association with Impavid Technologies, Bengaluru conducted Five days virtual Faculty development program "Demystifying the Machine Learning concepts" from 17.05.2021 to 21.05.2021. The program started with an invocation song by Ms. Aditi N (4th Semester AI & ML), followed by an Inaugural address by Dr. Bharathi Malakreddy A. Chairperson – Dept of AI & ML, she gave an insight of dept and details about Brainium student club activities. Mr. Ajith S., Technical Lead and Software Trainer, Impavid Technologies, Bengaluru briefed on the overview of sessions for the FDP program. Further, Presidential address by Dr. Mohan Babu G. N. –

Principal, BMSIT & M, Bengaluru., highlighted the importance of the Machine learning domain in today's context of automation solutions dissemination in various domains. The Vote of Thanks for the inaugural session was given by Mr. Sadanand Venkataraman (4th Semester AI & ML). The five days FDP program had a good turnaround of 90 plus participants with external participants of 35 members, the session was very informative, and the majority part of it was focused on hands-on exercise.



 As a part of Academics 7 days, a induction programme was conducted by dept of Civil Engineering for 2nd semester students, this was the continuation of 1st semester induction programme. It is carried out daily session wise. Details of programme listed below,

SI	Date	Session	Title of the Programme	Faculty In- charge
no.			3	,
1	10.05.2021	Session 1	Emerging trends in Construction Technology	Prof. Vinod B R
		Session 2	Career in Civil Engineering	Prof. Shobha R
2	11.05.2021	Session 1	Communication skills for Engineer	Prof. Archana K
		Session 2	Effective mental health and time management strategies during COVID and beyond	Prof. Chetana Srinivas
3	12.05.2021	Session 1	Literary activity on Debating	Dr Anupkumar G Ekbote
		Session 2	Awareness on COVID-19 and Importance of vaccination	Dr Rajesh Gopinath
4	13.05.2021	Session 1	Yoga and Meditation	Dr. Chandrashekharappa Agasnalli
		Session 2	Extra-curricular activities (Cultural activities)	Dr Anupkumar G Ekbote
5	15.05.2021	Session 1	Literary activity on Debating	Dr Anupkumar G Ekbote
6	17.05.2021	Session 1	Creativity and Innovation skills for Civil Engineers	Dr. P. Velumani
		Session 2	Extracurricular Activities (Sports)	Dr. Athiyamaan V
7	18.05.2021	Session 1	Arts and Culture	Prof. Shimna Manoharan
		Session 2	Universal Human Values	Dr. Rajakumara H N

Employers Meet

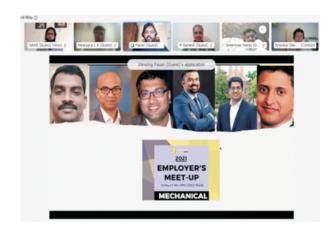
Employers meet conducted by department of Civil Engineering, on the topic "Panel Discussion on Global Economy, Job Opportunity" on 22nd May 2021 the audience are sixth and eighth semester students. The 8th and 6th Semester students were actively participated in Employers Meet and various topics were discussed. The program was conducted by Civil Engineering department at online in Google Meet Link on 22nd May 2021. The resource persons were interacted with students related to Soft skills Enhancement, Adoptability, Flexibility, Global Economy, GDP, Infrastructure, Investment, Development, Campus to Corporate, Project Management and Job opportunities.

There are about 134 students were actively participated in the panel discussion on various topics. Further, overall, the panel discussion went well and received very good and positive response from the students. The following are the Resources Personnel Names and their Organisation.

- 1) B. Dhanasekaran, Chief engineering Manager, L&T Construction, Bangalore
- 2) S. G Ashok Kumar, Founder & CEO, Construction Management Training Institute (CMTI)
- 3) Suresh B Ramaiah, Project Management Consultant, Ajmal Estates & Properties Pvt. LTD.
- 4) Deepak V. Moudgalya, Head Of Human Resources, MACAVV Media Pvt Ltd
- 5) Vinay MS, Engineer, JMC Projects (India) LTD
- 6) Sachin Govind, Asset Management, Embassy Group (EPDPL)



▶ Employer's meet was organised for the students by the department of Mechanical Engineering through the BMSIT Connect program on 21st May 2021. Employers from across the globe have participated in this online meet. The objective of the meet was to bring the experts from various leading industries around the globe under one platform, to direct the students and provide insights on current trends in the industry. The experts highlighted the topics pertaining to the core mechanical domain that includes design, supply chain management, strategy and innovation, production, sales and marketing.



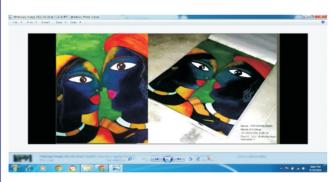
▶ The 7th edition of the Employers' Meet with the theme 'Future of Work' was conducted for the Civil and Mechanical Engineering students on 22nd May 2021. The Civil event had panelists from companies such as Embassy Group, L&T Construction, CMTI, JMC projects and Ajmal Estates who interacted with students and helped them understand how they have to upskill themselves in the present industrial scenario, while the Mechanical event had panelists from companies such as Timken India, Ringfeder Power, ZF Wind Power, Robert Bosch, CISCO and TESLA who also gave the students various insights in the field of Mechanical Engineering.



Induction Programme

The department of CSE conducted the third E- Student Induction Program for 2020-2021 batch, for CSE students was conducted during May month. The coordinators were Prof. Chethana C and Dr Lakshmi B N.

- 1. The CSE Department organised the various activities on the topics like Physical health and related activities-Universal Health Principles Session ,About CoronaVirus, Proficiency Module -English Session 1, Proficiency Module: Sanskrit Session 1,Physical Health: Yoga Session1 on the following dates respectively 06.05,2021, 10.05.2021, 12.05.2021 and 13.05.2021.
- The CSE Department organised the sessions to enlighten, inspire, inform and guide students by sessions involved topics like Universal Human Values, Literature / Literary Activities, Inspiration for today's Generation and Holistic Human Health. The other sessions were spread across on the following dates 05.05.2021,11.05.2021,14.05.2021 and 17.05.2021 respectively.



3. The Department of Mechanical Engineering conducted E-Students Induction Program for 2nd semester students from 5th to 17th May 2021. This Eight- day program had sessions on Universal Human Values, Physical health, Yoga, Mental well-being, awareness on COVID 19 and vaccination, Scope of Mechanical Engineering, career guidance by alumnus, Creativity and Innovation. Dr.C.S.Mala, Dean-Students welfare, Mrs. Chethana Srinivas, Professional Counsellor, Mr. Arun D, alumnus and Dr. Sangamesh, Dr. Santhosh, Dr. Avinash.G, Mrs.Tejaswini B J engaged the various sessions of the program. Around 29 students attended this program, which was coordinated by Mrs. Tejaswini B J, Assistant Professor, Dept. of ME.

Students Workshop conducted/ organised

The Department of Mechanical Engineering organized Building CV session on 29 May 2021 for final year mechanical engineering students by Mr Pavan Kumar S., BMSIT Connect lead, Mr Pavan briefed about the details to be included in the CV and Linked in Profile. He explained about the Importance of optimization of CV based on the job role and also told that the importance of having good attitude for finding jobs along with technical knowledge. Also he covered the Career opportunities and advantages of going for Masters Studies.

The AEROCLUB organized a webinar on 21st May on the topic" How Covid19 is driving drone innovation" by Leo Peter Charles of Jane Aerospace, Bengaluru. The webinar was attended by 102 students. It was presided over by HOD, ME and coordinated by Prof. Madhu M. C. The students were exposed to the recent trends in drone industry and in particular, during the COVID time An orientation program was conducted by the Aero



Club of BMSIT&M, on 22nd of May 2021 for all the student members of the club on Google Meet. The session began with the core team members of the club introducing themselves and sharing their experiences on UAVs, aero-modelling and plane spotting. The core team then explained the objectives of the club and how they plan on achieving it. The future activities and programs were also discussed. The session concluded with the core team presenting the club's past projects to encourage more students to join the club.



FDP conducted/ organised

Dept. of CSE has organised a Five Days Online FDP on "Emerging Trends in Data Analytics" from 10.05.2021 to 14.05.202. Coordinated by Dr. Usha B A along with organising committee members, Dr. Arunakumari B. N, Prof. Ravikumar B. N of Dept of CSE, BMSIT&M.



Department of Mathematics organized Five days National Level Online Faculty Development Programme on Linear Algebra and its Applications from 10.05.2021 to 15.05.2021. The program was coordinated by Dr. Annamma Abraham and Dr. Pushpa B V

Expert talk organized

• Technical Talks: Brainium Expert Talk series hosted by Brainium, the technical forum of the Department of Artificial Intelligence and Machine Learning, BMSIT&M, Bengaluru on "Cryptocurrency and its Bridge with Artificial Intelligence", on 22.05.2021 at 2.00 pm delivered by Ms. Nalayini G, Senior Consultant at EY LLP. The talk focused on crypto currency is a digital currency secured by cryptography with digital asset form is based on a network that is distributed across many computers. Also, shown us how Crypto industry reached the peak of its popularity in the last year. Both the emerging technologies Block chain and Artificial Intelligence has been around for a decade, deals with data, and value. The talk had around 60 plus participants with 25 were external participants. The invited talk was organized by Dr. N. Rakesh — Associate Professor Dept. of AI & ML & Brianium Student club activities coordinator and the whole Brainium students team lead by Mr. Sadanand Venkataraman, President of Student Chapter, Brainium.



The Branium Technical forum of Dept. of AI & ML, BMSIT & M, Bengaluru in association with Huawei Technology, India conducted a webinar talk on Huawei Developer mobile app development foundation course on 24.05.2021 from 4.00 pm to 6.00 pm., this webinar sets a platform for industryacademia skill development tie-up program. This program was initiated by Dr. Shriram K. Vasudevan -Dean - K. Ramakrishna College of Engineering, Trichy, TN, and Asia's only Huawei Developer Expert. The webinar talk was started by Mr. Rebanta - Project Leader Huawei Technologies, India by playing the video of Huawei Technology and its Mobile app development applications, then he introduced the speakers of the session and hand over to Principal - BMSIT, Bengaluru Dr. Mohan Babu G. N. The HMS session was initially started by Mr. Murali V., Associate Vice President, HMS Community Development & Academic Collaboration for Asia Pacific Region giving us an understanding on the HMS course and its benefits.



Mr. Tushar Srivastava - Technical Project Leader, Huawei India explained the HMS app development process and its framework. Mr. Sanghati Mukherjee -

HMS Product expert, Huawei India briefed on the HMS foundation course, its publication benefits, certification, and competitions. The webinar was attended by around 107 participants out of 150 plus registered participants. This webinar talk was organized by Dr. N. Rakesh - Associate Professor Dept. of Al & ML & Brianium.



Ms. Divyatha Prabhu, an alumna of BMSIT&M, Founder of the startup "v-dya", an innovative online placement training forum. She is working as the security analyst and reverse engineer for Google through cognizant. Previously she worked as a research intern at Tata Advanced Systems Ltd. In automating the UAV's for the Border security forces. She is an international dancer and travelled the globe and has gotten accolades for her performance. An avid writer who has a collection of poems, some published on international platforms. She highlighted her journey at BMSIT and opportunities to grab during studies during the session between 10.00AM to 11.30AM.



Mr. Shankar A, an alumnus of BMSIT&M, he is a passionate fitness enthusiast and also is in the fitness industry from 6 years. He is well versed in sports nutrition, general nutrition and muscle building.

Apart from following his passion he also carries experience o f11+ years in IT industry as software professional. His session on "Fitness manthra for good health" was very interesting and students learnt many thing about everyday lifestyle by interacting with speaker during the session between 10.00AM to 11.00AM.



- Expert talk on Sequence design by using generalized boolean function was conducted for IV sem ECE-A, CSE-B and ISE-B students by Dr. Sushant Majhi, IIT, Patna on 21.05.2021. This was coordinated by Dr. Karabi Sikdhar and Prof.Anitha Kiran.
- Expert talk on Curve fitting, real world applications was conducted for IV sem ISE-A & ETE students by Dr. Jayalatha, RVCE on 27.05.2021. This was coordinated by Dr. Chethan A S and Dr. Kallur V Vijayakumar.

Research Proposals grant

Prof. Shivakumara T, Assistant Professor, Dept. of MCA has submitted research proposal titled "Proactive Approach for End-point Sensitive Data Security using Dynamic Self-adaptive Object Model to "CySeck Research Development Program" on 13.05.2021 at Bengaluru.

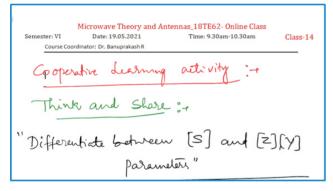
Departmental Co-curricular Activities

Value Added Course for the students of IV semester MCA on "Data Analysis and Visualization using Python with Case Studies" was conducted by Prof. M. Sridevi, Assistant Professor, Dept. of MCA on 11.05.2021, 18.05.2021, and 25.05.2021.

OBE Activity

 Proof Muneshwara M S, Asst. Prof, Dept, of CSE has been conducted the Quizzes to the 6th Sem CSE students for "Web Technology & Its Application" during May 2021.

"Think and Share" a cooperative learning activity was conducted by faculty Dr. Banuprakash R, Assistant professor, Dept of ETE, for 6th semester students for the topic "Differentiate between S and Z,Y parameters" in the course Microwave Theory and Antenna 18TE62 on 19.05.2021 through Google meet. Each student was asked to write the differences. Randomly teacher has chosen the students to explain the differences and all other students have noted the same.



 Prof. Shivakumara T, Assistant Professor, Dept. of MCA is arranging live demonstration sessions on Cyber Security tools as a Value Added Activity throughout the semester for the theoretical course on "Cyber Security".

Department Project presentations

SI No:	Department	No: of Batches	Dates	No: of Students Participated	Description
1	MCA	11	28.05.2021	54	Project Demo 3

Department Seminar presentations

SI no:	Department	No: of Batches	Dates	No: of Students	Description
1	MCA		May	14	Seminar on
					various
					topics

Classes handled by the department (from 1.05.2021 to 31.05.2021)

SI No.	Department	Semester	No: of Theory classes	No: of Practical classes
1	AI&ML	2, 4	216	24
2	CIV	2, 4,6, 8	265	35
3	CSE	2, 4,6, 8	601	38
4	ECE	2, 4,6, 8	785	26
5	ETE	2, 4,6, 8	191	24
6	ISE	2, 4,6, 8	352	43
7	MATH	2,4	298	-NIL-
8	MCA	2,4	168	21
9	MECH	2,4,6,8	350	52

International Journal publications

- Dr. Bharathi M A, Professor & HoD, Al&ML, has Published paper on "ECC based multi factor authentication and key generation systems for IoT Healthcare", in Turkish Journal of Computer and Mathematics Education.
- Mrs. Shimna Manoharan, Assistant Professor, Department of Civil Engineering, and Ms. Anusha Prabhu and Ms. Aishwarya B final year students have presented a paper titled Study of earthquake effects on structures and mitigation measures: a literature review in the International Conference (Virtual) on Contemporary and Sustainable Infrastructure (ICCSI-2021) organized by Department of Civil Engineering, S J B Institute of Technology on 22 May 2021.
- 3. Dr. Arunakumamari, "Prediction model for college selection and admission system" accepted for IJST journal, indexing in Web of Science, May 2021
- Dr. Arun kumar B.R. "Security Threat Identification and Prevention among Secondary Users in Cognitive Radio Networks", International journal of Computer Science and Network Security, Vol. 21 No. 5 pp. 168-174, web of Science indexed, May 2021.
- 5. Prof. Gireesh Babu C N et al. Assistant Professor, Dept. of ISE Published a Paper on Title "A Semantic Health Observation System Development Based on The Iot Sensors" in "Turkish Journal of Physiotherapy and Rehabilitation" Volume: 32, Issue: 3(2021), pp-1721 1729. peer-reviewed



scientific journal (ESCI, Scopus Indexed Journal)

- 6. Dr. Keerthi Kumar N, Assistant Professor, Department of Mechanical Engineering and his published paper titled "Parametric optimization of hot chamber pressure die casting process" in Science direct Materials today Proceedings, DOI: https://doi.org/10.1016/j.matpr.2021.01.621.
- 7. Dr. Keerthi Kumar N, Assistant Professor, Department of Mechanical Engineering and his published paper titled "Fracture toughness study of epoxy composites reinforced with carbon fibers with various thickness" in Science direct Materials to day Proceed in gs, DOI: https://doi.org/10.1016/j.matpr.2021.02.271.
- 8. Prof Madhu M.C ,Assistant Professor, Department of ME published a paper titled" Hybrid DC-AC Homes with rooftop solar power" in the Scopus indexed and WOS-EDP sciences Journal of E3S Web of Conferences,Vol 239,(2021)00025
- Naveen Kumar, Udayabhanu, R.B. Basavaraj, K.M. Mahadevan, G. Nagaraju, Novel aggregation induced emission based 7-(diethylamino)-3-(4-nitrophenyl)-2H-chromen-2-one for forensic and OLEDs applications, Applied Surface Science Advances, Volume 5, 1 (2021) 100095.

International Conference Publications

- Prof. Muneswara M S, Prof. Anand R, "Advanced Wireless Techniques to Avoid Accidents on Roads through Wearing Smart Helmet", "IEEE 5th International Conference on Intelligent Computing and Control Systems (ICICCS - 2021)" Vaigai College of Engineering Madurai, India" 06.05.2021 to 08.05.2021, ISBN:978-1-6654-4834-5, DOI: 10.1109/ICICCS51141.2021.9432193
- Prof. Muneswara M S, Prof. Anand R, "Soft Computing Technique for Block Chain Enabled Secure Healthcare System", IEEE 5th International Conference on Intelligent Computing and Control Systems (ICICCS - 2021)" Vaigai College of Engineering Madurai, India" 06.05.2021 to 08.05.2021, ,ISBN:978-1-6654-4834-5,DOI: 10.1109/ICICCS51141.2021.9432133
- 3. Prof Swetha M S, Assistant Professor, Department of ISE, Presented a Paper Title "Soft Computing

- Technique for BlockChain Enabled Secure Healthcare System", in Fifth International Conference on Intelligent Computing and Control Systems (ICICCS 2021) at Vaigai College of Engineering, Madurai, India.
- 4. Prof Swetha M S, Assistant Professor, Department of ISE, Presented a Paper Title "Advanced Wireless techniques to avoid accidents on roads through wearing Smart helmet", in Fifth International Conference on Intelligent Computing and Control Systems (ICICCS 2021) at Vaigai College of Engineering, Madurai, India.
- Shivakumara T, "Advanced Wireless Techniques to Avoid Accidents on Roads through Wearing Smart Helmet." In 5th International Conference on Intelligent Computing and Control Systems (ICICCS 2021), Vaigai College of Engineering, Madurai, India, May 6-8, 2021, IEEE Xplore ISBN: 978-0-7381-1372-2
- 6. Dr. Keerthi Kumar N, Assistant Professor, Department of Mechanical Engineering and his team has presented paper on "Overview of Remotely Operated Vehicle" at International Conference on Advanced Computing and Communication Technology (ICACCT-2021), Organized by the Department of Information Technology, Francis Xavier Engineering College, Tirunelveli held on 6th and 7th May 2021.
- 7. Dr. Keerthi Kumar N, Assistant Professor, Department of Mechanical Engineering has presented paper on "Optimization of process parameters for turning machine using Taguchi super ranking method: A case study in Valve Industry" at International Conference on Materials and System Engineering (ICMSE-2021), Organized by the Department of Mechanical Engineering, SJB Institute of Technology, Bengaluru in Association with Technical Institute for Engineers, held on 7th and 8th May 2021.
- Dr. Keerthi Kumar N, Assistant Professor, Department of Mechanical Engineering has presented paper on "Optimization of vibration based condition monitoring of motor drive end using Taguchi technique: A case study on milling machine" at 4th International Conference on Inventive Material Science and Applications (ICIMA-2021), Organized by the PPG Institute of Technology, Coimbatore, held on 14th and 15th May 2021.

Book Chapter Publication

- Anjan Kumar K.N., Satish Kumar T., Krishna Prasad R., Ravi Kumar S.G. (2021) Web Object Ranking for Location-Based Web Object Search. In: Agrawal R., Kishore Singh C., Goyal A. (eds) Advances in Smart Communication and Imaging Systems. Lecture Notes in Electrical Engineering, vol 721. Springer, Singapore. https://doi.org/10.1007/978-981-15-9938-5 16
- 2. Dr. Keerthi Kumar N, Assistant Professor, Department of Mechanical Engineering has been published paper titled "An Exhaustive Study on the Use of Jatropha Based Biodiesel for Modern Diesel Engine Applications" in 1st edition, Volume 2, ISBN 9780367456207, e-book of "Biodiesel Fuels Based on Edible and Nonedible Feedstocks, Wastes, and Algae" of Taylor & Francis Group, by CNC Press on 4th May 2021.

FDP /Workshops/STTP attended (faculty)

Department	No. of faculty attended the FDP/ Workshop/STTP
AI & ML	4
CHEMISTRY	7
CIVIL	10
CSE	8
EEE	2
ETE	1
ISE	2
MATH	3
MCA	1
ME	3

Online Course completed (faculty)

Department	No. of faculty attended webinars
AI & ML	6
CSE	5
ETE	7
MATH	8
MCA	3

Webinars Attended (faculty)

Department	No. of faculty	
	attended webinars	
AI & ML	6	
CSE	5	
ETE	7	
MATH	8	
MCA	3	

Initiatives by Women Empowerment Cell

Dr. Usha B A,
Associate Professor
and Chief Coordinator
of Women
Empowerment Cell has
coordinated in
conducting workshop
on "Successful
Parenting during
Pandemic" under
Women
Empowerment Cell,
BMSIT on 29.05.2021



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 May-2021 are given in the table below:

SI. No.	Presenter	Date	Time	Topic/Title
1	Dr. Ambika R	05.05.2021		Optical Communication
2	Dr. Anil G.N	12.05.2021	12.00	Inclusive focus of NEP in Autonomy
3	Dr. Annamma Abraham	19.05.2021	-	Emergent Phenomena
4	Dr. Arun Kumar B.R	26.05.2021	1.00 pm	The problem of double spending in digital currency and other use cases



PLACEMENT ACTIVITIES

The placement season for the 2021 Batch commenced on 4th August 2020. As on 31.05.2021, totally 365 UG Students and 10 PG Students are placed with a total 474 placement offers as detailed below:

SI No.	COMPANY	JOB OFFERS /INTERNSHIPS	CTC (LPA - INR) / STIPEND (p.m - INR)	NOTES
1	ALTRAN	12	3,80,000	PLACEMENT
2	AMAZON	5/5	11,00,000	PLACEMENT / INTERNSHIP
		5	8,60,000	PLACEMENT
3	ANZ	18	11,00,000	PLACEMENT
3		4	8,50,000	PLACEMENT
4	CAPGEMINI	10	6,80,000	PLACEMENT
5	CAPGEMINI	94 / 94	3,80,000	PLACEMENT / INTERNSHIP
6	CLOUDERA	2/3	26,50,084	PLACEMENT / INTERNSHIP
7	COGNIZANT	73/73	4,01,986	PLACEMENT / INTERNSHIP
8	DELL TECHNOLOGIES	2	6,87,103	PLACEMENT
9	ENDURANCEINTERNATIONAL	3/3	15,00,000	PLACEMENT / INTERNSHIP
10	EPICOR	8	25,000	INTERNSHIP
	EPSILON	10 / 6	·	
11	EVERTZ	4	5,00,000	PLACEMENT / INTERNSHIP PLACEMENT / INTERNSHIP
12		3	3,50,000	·
13	GAIN SIGHT	5	13,00,000	PLACEMENT
14	HEXAWARE ECHNOLOGIES		5,00,000	PLACEMENT (INTERNICIUS
15	INFORMATICA	1/2	6,79,683	PLACEMENT / INTERNSHIP
16	INFOSYS HACKWITHINFY	2	8,00,000	PLACEMENT
17	KANSASTEK LLC	1	OFF CAMPUS	PLACEMENT
18	KHOROS	4	10,53,000	PLACEMENT
19	MICROFOCUS	1/1	3,00,000	PLACEMENT / INTERNSHIP
20	MINDTREE(IMTS)	10	2,97,000	PLACEMENT
21	MONEYVIEW	9/9	13,21,600	PLACEMENT / INTERNSHIP
22	NOKIA	1	20,000	INTERNSHIP
23	NOKIA – Te chnical Writing	6	25,000	INTERNSHIP
24	OFSS	8	6,55,781	PLACEMENT
25	ONE ADVANCED	4 / 4	6,00,000	PLACEMENT / INTERNSHIP
26	PATH PARTNER	2	6,00,000	PLACEMENT
27	PHARMEASY	1/1	11,00,000	PLACEMENT / INTERNSHIP
28	PWC AC	16 / 16	7,00,000	PLACEMENT / INTERNSHIP
29	SAP LABS	10 / 14	14,10,000	PLACEMENT / INTERNSHIP
30	SIEMENS HEALTHINEERS	5/5	5,50,000	PLACEMENT / INTERNSHIP
31	SIEMENS TECHNOLOGY	2	5,00,000	PLACEMENT
32	SPIRENT	1	25,000	INTERNSHIP
33	TCS NINJA	14	3,36,000	PLACEMENT
34	TEMENOS	2/2	5,50,000	PLACEMENT / INTERNSHIP
35	THE MATH COMPANY	8	4,00,000	PLACEMENT
36	UNSCHOOL LEARNING	4/4	3,00,000	PLACEMENT / INTERNSHIP
37	WIPRO	65	3,50,000	PLACEMENT
38	CMRIT SOLUTIONS	1	5,00,000	PLACEMENT
39	TEXAS INSTRUMENTS	RA	45,000 p.m	INTERNSHIP
40	SECON	RA	4,00,000	PLACEMENT
41	INTELLIPAAT	2	5,45,000	PLACEMENT / INTERNSHIP
42	RAKUTEN	2	25,000 p.m	INTERNSHIP
43	EVOSYS	1/1	3,20,000	PLACEMENT / INTERNSHIP
44	INFOGAIN	3/3	3,75,000	PLACEMENT / INTERNSHIP
45	ZCIENTIA	RA	3,00,000	PLACEMENT
46	ADOBE	1/1	22,00,000	PLACEMENT
46	INFINITE COMPUTER SOLUTIONS	1/1	3,50,000	PLACEMENT
		_	<u> </u>	
48	ALTIMETRIK	2/2	4,75,000	PLACEMENT / INTERNSHIP

RA: Results Awaiting

Students Internship

As on 31st May'21, 635 students are pursuing their internships from 170 distinct companies and 226 students are being given stipends ranging between Rs. 5,000 p.m. to Rs. 50,000 p.m.

Students' Training: Placement training on Aptitude and soft Skills, for 18 hours, imparted to all the prefinal year PG students on 10th, 11th and 12th May 2021, to enhance their learning and prepare them better for their upcoming placement season from August 2021. Regular mock tests were also conducted for 2022 batch students by the respective trainer groups.

Counselling Report

The technique of 'Online Counselling' was adopted due to covid lockdown. Student 'N' of 2nd sem Al sought counselling for academic guidance and Time management. Three sessions were conducted. Outcome is, she is confident about timemanagement.

Student 'S' of 6th sem MCA, had mild emotional disturbances, due to toxic friendship. He was counselled using CBT technique. He was reached "Emotional stability" after 4 sessions. Student 'K' of 2nd sem CSE had 'mild emotional disturbances' due to disturbance in family. After these sessions he has reached 'emotional balance state'. He was counselled using CBT technique.

Student 'S' of 4th sem mechanical had emotional disturbances due to relationship issues. CBT technique was adopted, after 4 sessions he is reached 'Emotional Stability'. Student 'C' of 6th sem mech sought 'academic guidance' and 'Time management' strategies. After 6 sessions he is confident and achieved 7.25 cgpa in current vtu exams. Earlier his score was 6 cgpa.

Induction program was conducted for 2nd sem mech, ETE, Civil branches, Topic was achieving "Effective Mental Health" and "Time management during COVID condition". To conclude, five students were counselled and two webinars were conducted in month of MAY-2021.

Innovation Centre Activities

Institution Innovation Council (IIC) of BMSIT&M organized an interaction Webinar on "Business Model canvas "on 19.05.2021 from 4:00 pm to 5.00 pm by Ms. Shireesha Abhilash, Strategic Innovation consultant, Founder of Gen Z Innovations. The event was coordinated by Prof. Thejaswini S, BMSIT&M IIC member, Assistant Professor, Dept. of ETE and Ms. Shama H M, software Engineer and BMSIT&M IIC member. About 60 participants were at this online event. Here is the link of the webinar is available on YouTube-https://youtu.be/QLOUsEYubMI

Interactive session with "Successful Start-up founders" (Entrepreneurs in Campus)

Innovation Centre organized this interactive session on 30th April 2021 from 2:00 pm — 3:00 pm by Mir Mohammad Abbas, Co-founder, Helping Panda and Shantanu Jain, CEO, Co-founder, Sterling Media Labs. The event was coordinated by Ms. Shama H M, Software Engineer and IIC member and Prof. Jagadish P, Assistant Professor and IIC coordinator. The entrepreneurs on campus Mr. Mir and Mr. Shantanu explained their journey which led them to motivate to be an entrepreneur while still being students at college. About 40 students were part of this interactive session. Here is the link - https://youtu.be/5fMLeq7dnd0



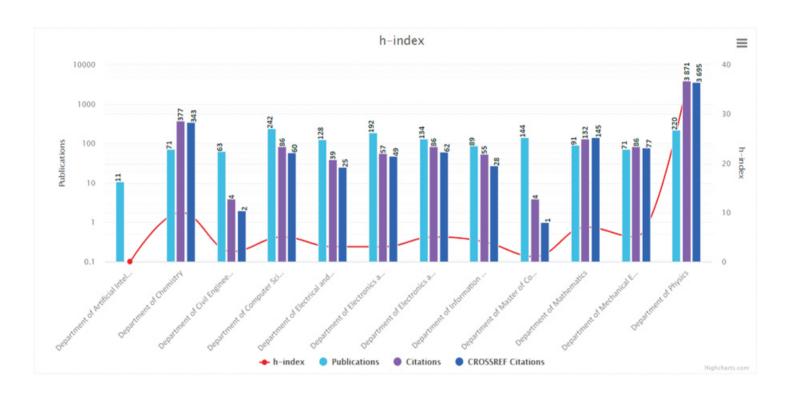






Faculty Publication Information from IRINS site

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 organisations 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 May-2021





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