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VARTHAMANJARI

e-NEWSLETTER



kalanjali- 2023

Sri Krishnadevaraya Educational Trust
Sir M. Visvesvaraya Institute of Technology
(Affiliated to VTU-Belagavi, Recognized by AICTE and Accredited by NAAC)



»»» VISION «««

- To be a Centre of Excellence in technical and management education concurrently focusing on disciplined and integrated development of personality through quality education, sports, cultural and co-curricular activities.
- To promote transformation of students into better human beings, responsible citizens and competent professionals to serve as a valuable resource for industry, work environment and society.

»»» MISSION «««

- To impart quality technical education, provide state-of-art facilities, achieve high quality in teaching-learning & research and encourage extra & co-curricular activities.
- To stimulate in students a spirit of inquiry and desire to gain knowledge and skills to meet the changing needs that can enrich their lives.
- To provide opportunity and resources for developing skills for employability and entrepreneurship, nurturing leadership qualities, imbibing professional ethics and societal commitment.
- To create an ambiance and nurture conducive environment for dedicated and quality staff to upgrade their knowledge & skills and disseminate the same to students on a sustainable long term basis.
- To facilitate effective interaction with the industries, alumni and research institutions.



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Kalanjali 2023

'Kalanjali' - Annual Inter-Collegiate Cultural Festival, of Sir MVIT, was held at Sir M. Visvesvaraya Institute of Technology campus, showcasing a vibrant array of cultural performances from more than 450 participants from 45 colleges across Karnataka. The festival took place on 15th and 16th December 2023. The inaugural ceremony commenced with the state anthem and the traditional lighting of the lamp. Distinguished guests, including Ms. B. R. Chaya, Ms. Pooja Gandhi and Ms. Samanvitha Sharma, graced the occasion. Ms. B. R. Chaya entertained the gathering with her sweet voice, by singing a couple of songs from her movies. Ms. Pooja Gandhi shared her experience as an actor, and how she learnt Kannada right from the beginning of her career.

Students and the audience were thrilled by her usage of Kannada words as well as her immense love for Kannada language. Later Ms. Samanvitha Sharma, prominent playback singer, shared her experience and explained how she switched her profession from an engineer to a singer. In his speech, Sri V. Srinivasa Raju, Founder Trustee, emphasized the significance of programs like these in engineering colleges, highlighting their role in humanizing engineers through cultural exposure. In addition to the guests, Prof. Rakesh S. G., Principal, Dr. A. C. Chandrashekar Raju, President, Sri K. V. Shekhar Raju, Vice President, Sri K. Syama Raju, Secretary, Sri M. Venkataramana Raju, Treasurer were also present. In the evening, Mr. Abhishek Kumar, an alumnus and a contestant from the Grand Finale of the renowned music reality show 'Indian Idol-3', presented a captivating concert, infusing a dynamic and entertaining element into the cultural festivities. 37 different cultural competitions were organised during this event. Each event witnessed an enthusiastic participation, with students displaying remarkable energy and high spirits throughout. Presidency University, Bengaluru won the overall championship.



GLIMPSES OF KALANJALI 2023



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GLIMPSES OF KALANJALI 2023



>>> GLIMPSES OF KALANJALI 2023



MoUs Signed



Sir M. Visvesvaraya Institute of Technology, Bengaluru, entered into a Memorandum of Understanding with Agastya International Foundation (AIF) on Wednesday, the 20th December 2023. The purpose of this MoU is to provide volunteering opportunities to the students as part of their AICTE-VTU Activity, as prescribed by Visvesvaraya Technological University, aiming to foster social awareness among the students.



Sir M. Visvesvaraya Institute of Technology, Bengaluru, entered into a Memorandum of Understanding with M/s Kimberlite Chemicals on 21st December 2023. The objective of this MoU is to facilitate the production of novel and industrially important enzymes.

IIC Activities

The department of Civil Engineering under the aegis of Institution's Innovation Council, organized an MIC-driven activity, "Viksit Bharat PM Live Webcast," on 11th December 2023. The resource person of the event was Ms. Reena Sonigrah, Well Being Consultant, Sir MVIT. This program aimed at active youth participation and engagement in shaping the future of India towards 2047. The students of S3 and S5 from Civil Engineering and the students of S5 from Electronics & Communication Engineering departments participated in the event. This event was coordinated by Ms. Anitha J., Ms. Pradeepa S., Ms. P. Kezia Joy Kumari and Ms. Tamil Selvi N.

Viksit Bharat PM Live Webcast



Regional Meet of Institution's Innovation Council and MoE's Innovation Cell



Dr. Vanipriya Ch., Professor & Head, Dept. of MCA, President, IIC-Sir MVIT, Dr. Rashmi K.V., Associate Professor, Dept. of BT, Ms. Bindya Tyagi, Asst. Professor, Dept. of EEE, attended the Regional Meet of Institution's Innovation Council and MoE's Innovation Cell, on 9th December 2023 held at Reva University, Bengaluru.

Expert lecture on Process of Innovation Development & Technology Readiness Level (TRL) & Commercialisation of Lab Technologies & Tech-Transfer



The department under the aegis of Institution's Innovation Council organized an expert talk on "Process of Innovation Development & Technology Readiness Level (TRL) & Commercialisation of Lab Technologies & Tech-Transfer - The Journey of Loopworm, an Insect Biotechnology company - A Case Study" by Mr. Ankit Alok Bagaria, Co-Founder, Loopworm, on 20th December 2023. In this session, the speaker elaborated on his journey as entrepreneur, various opportunities and challenges he came across. He highlighted the technology developed by Loopworm and different stages in commercialization and tech-transfer. 35 students from S5 attended the session. Dr. Rashmi K.V. coordinated the session.

NAAC Peer Team Visit

On the 7th and 8th of December 2023, a team from the National Assessment and Accreditation Council (NAAC) conducted an assessment at Sir MVIT. The team comprised 3 members: the Chairperson and Member Coordinators. The purpose of their visit was to evaluate and analyze the overall performance of the institute as part of the 2nd cycle of accreditation.

On Day 1, the assessment process began with a presentation by the Principal, Prof. Rakesh S. G., followed by the team's visit to different departments. The peer team split into two teams, interacting with various administrative units, students, and other stakeholders, as well as visiting laboratories, the latest research equipment, computer centers, and incubation centers. In the evening, the cultural events were presented by the students of Sir MVIT, highly appreciated by the team.

On Day 2, the review of physical facilities was followed by meetings and interactions with heads of various committees/cells, a review of best practices and institutional distinctiveness. The team checked documentary evidence, prepared their report, and shared the Peer Team Report with the Head of the Institution. After finalizing the Peer Team Report, an exit meeting was held, attended by Dr. A.C. Chandrasekhar Raju, President; Sri K.V. Sekhar Raju, Vice-President; Sri K. Syama Raju, Secretary; Sri G. Prabhakar Raju, Academic Committee Chairman—all from Sri KET. The team handed over its report to the Principal in the exit meeting.

The Peer Team, during its visit, assessed and evaluated curricular, teaching and learning activities, research work, extension activities, infrastructure, learning facilities and other aspects of the institute. They held interactions with IQAC, teaching staff, non-teaching staff, students, alumni and parents, visiting all academic facilities, administrative and support services. The institute received accreditation with an 'A' grade.

DEPARTMENT OF BIOTECHNOLOGY

PATENTS PUBLISHED

- S.M. Vidya, Pradeepa, **K.V. Rashmi**, H. S. Anil Kumar, Venkatesh Kamath H., B. K. Manjunatha, S. M. Darshini, "Nanoparticles based TDS Detection." Application No.202341038199, 1st December 2023, Indian.
- S.M. Vidya, **K.V. Rashmi**, B. K. Manjunatha, "Co-fermented Nutritional Formulation from Seeds and Millets." Application No.202341038197, 1st December 2023, Indian.

JOURNAL PUBLICATIONS

Mrinalini Menon, Akshata G. Athreya - Comparative efficacy of two Kokilaksha Formulations vis-a-vis Vinblastine, using Seed Germination Inhibition-Research Journal of Pharmacy and Technology (2023), 16 (12): 5732-5737. DOI: 10.52711/0974-360X.2023.00927

FACULTY ACHIEVEMENTS & RECOGNITION

- Dr. H. G. Nagendra was invited as a Chief Guest and Expert Speaker during 2-day workshop on "Artificial Intelligence in Biology" held on 28th and 29th December 2023, organised by Department of Biotechnology, G.M. Institute of Technology, Davanagere.
- Ms. Niveditha A. successfully completed the NPTEL course on 'Industrial Biotechnology' from 25th July to 28th October 2023.
- Dr. Sudevi Basu has successfully fulfilled all the requirements for the SWAYAM-NPTEL Domain Certification in 'FACULTY DOMAIN – ADVANCED'.



EVENTS ORGANIZED

Outreach Activity on Innovative Projects



The department facilitated a brain storming session on "Innovative Projects and Teaching Skills", organised by Agasthya International foundation, Bengaluru, on 30th December 2023. The session involved the active participation of the 30 school teachers from all over Karnataka. The primary objective of the session was to demonstrate the ways to enhance teaching skills through innovative models and to discuss strategies for motivating students using these innovative approaches. All the faculty members were actively involved in addressing the teachers.



Interactive Session on Virology Research

The department organized an Interactive session on “Research in Virology” on 20th December 2023. The resource person was Dr. Darshan N., Research Associate at Viral Diagnostic Laboratory, Shivamogga. 25 students from S7 actively participated in the session. This session was aimed at creating awareness in virology research and various post graduate opportunities for the under graduate students, in the area of Microbial research.

Interactive Session on Career Opportunities in India and Foreign Universities



The department organized an interactive session on “Career Opportunities” on 4th December 2023. The resource person was Mr. Riyaz Khan, a Scientist at ETH Zürich, Basel, Switzerland and an alumnus of Sir MVIT. 35 students from S5 attended the session. Mr. Khan emphasized on the career opportunities available in both Indian and international Universities. Additionally, he provided insights on planning for Ph.D. positions and Junior Research Fellowship (JRF) opportunities in Universities both in India and abroad.



Guest Lecture on “Water for health”



The department organized a guest lecture on “Water for Health” by Mr. Sanand Kamal Saxena, Retd. DIG, CRPF, on 28th December 2023. In this session the speaker highlighted the biological importance of optimum consumption of water, necessary TDS level for potable water. He also demonstrated the adverse effect of soft drinks and very low TDS water on human health with simple experiments. 40 students from S3 and S6 attended the session. Dr. Rashmi K.V. was the coordinator of this guest lecture.

VISITS



As a part of the course “Social connect & Responsibility”, the students of S3 were taken to “Ganitha Mela” organized by the Vishwavidyapeeth School in Yelahanka on 21st December 2023. During this visit, the students witnessed various mathematical models, displays, projects and depictions. They also attended expert sessions on ancient mathematical techniques and their influence on architecture. 38 students from S3 took part in the visit. Dr. Rashmi K.V., coordinated the visit.

TECHNICAL EVENTS ATTENDED

Name of the attendee	Title of the event	Organizers details	Dates
Dr. Rashmi K.V.	5th National Level Workshop on “NIRF India Rankings 2024”	Institute for Academic Excellence (IAE), Hyderabad.	13-12-2024 & 14-12-2024

STUDENTS’ ACHIEVEMENTS

- Aakriti Shankar, Adeen, Bhoomika Y. K., Syeda Ayesha of S7 have won “Best Paper Presentation Award” for the paper entitled “Evaluation of Physico-Chemical Properties, Anti- Nutritional Compounds and Proximate Composition of Legume Extract from *Mucuna pruriens* var. *Utilis* (White)” at the 3rd International Scientific Conference on Environmental Research; Issues, Challenges and Strategies for Sustainable Development and Livelihood Security”, held at Hotel Eden, Karwar, Karnataka, India, during 1st and 2nd December, 2023. This research project was carried out under the guidance of Dr. Rashmi K.V.
- Vineeth V. Rao of S7 presented a paper on “Antioxidant, Antimicrobial, and Phytochemical Analysis of the Inflorescence Extract of *Stachytarpheta Mutabilis* (Jacq.) VAHL” at the National Conference on “Emerging Trends in Healthcare Biotechnology: Innovations, Challenges, and Future Prospects”, held at the Regional Cancer Centre, Thiruvananthapuram, from 30th November to 2nd December 2023.



DEPARTMENT OF CIVIL ENGINEERING

PATENTS PUBLISHED

- Pradeepa S., Anitha J., Ramya N., K. V. R. Prasad, “Development of Fiber Reinforced Cement Mortar for Sustainable Construction in India.” Application number 202341075487, 22nd December 2023, India.

CONFERENCE PUBLICATIONS

- **Ravi Kumar H.**, N. S. Kumar, “Research on predicting axial load capacity of concrete filled steel tubular columns based on support vector machine method.” International Conference on Advances in Materials, Ceramics and Engineering Sciences (AMCES-2020) organized by DSCE, Bengaluru on 17th & 18th January 2020, AIP Conf. Proc. 2399, 030011, Dec 2023. doi: 10.1063/5.0134677.

TECHNICAL EVENTS ATTENDED

Name of the attendee	Title of the event	Organizers details	Dates
Dr. Ravi Kumar H.	Webinar on “Adverse Effects of Plastic Pollution and Sustainable Alternatives to Plastic”	Department of Civil Engineering in association with Environment Cell, Presidency University, Bengaluru, Virtual Mode	23-12-2023
Dr. Ravi Kumar H.	Webinar on “Outcome Based Education”	Ghousia College of Engineering, Ramanagara, Virtual Mode	23-12-2023
Ms. Ramya N.	5th National level workshop on “NIRF India Rankings 2024”	Institute for Academic Excellence (IAE), Hyderabad, Virtual Mode	13-12-2023 & 14-12-2023

FACULTY ACHIEVEMENTS & RECOGNITION

- Dr. Ravi Kumar H. was invited to review a book entitled “Challenges and Advancement in Water Absorption of Natural Fiber- Reinforced Polymer Composites” by BP International Publishers.
- Ms. Anitha J. successfully completed the following courses through Coursera
 1. “FEM-Linear, Nonlinear Analysis & Post-Processing”, on 21st December 2023.
 2. “Create Student Books with Book Creator”, on 26th December 2023.
 3. “Creating Interactive Learning Videos with Edpuzzle”, on 25th December 2023.
 4. “Introduction to Social Media Marketing with Visme”, on 25th December 2023.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

PATENTS PUBLISHED

Mr. Revanasiddappa and Dr. Suma Swamy, “IoT-Based Smart Agriculture to Optimize Crop Yield, Application number 202341074029, 15th December 2023, Indian.

EVENTS ORGANIZED

Workshop on “Leveraging Git and GitHub Effectively”



The department organized 1-day hands-on workshop on “Leveraging Git and GitHub Effectively” on 19th December 2023. The resource person of the event was Mr. Bhargava R., Technical Head, Impavid Technologies, Bengaluru. The primary goal of this workshop is to provide participants with comprehensive knowledge and practical skills in utilizing Git and GitHub efficiently. Throughout the workshop, attendees were engaged in interactive sessions and practical exercises designed to enhance their understanding of version control using Git and collaborative software development using GitHub. 120 students from S1 to S3 participated in the event.

TECHNICAL EVENTS ATTENDED

Name of the attendee	Title of the event	Organizers details	Dates
Ms. Mayuri K. P.	Research Conclave 2K23	Dept. of ISE, BMSIT & M., in association with Research & Consultancy Cell.	21-12-2023
	5th National Level Workshop on "NIRF India Rankings 2024"	Institute for Academic Excellence (IAE), Hyderabad.	13-12-2024 & 14-12-2024

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

EVENTS ORGANIZED

National Energy Conservation Day Celebration

The department, in association with Karnataka Renewable Energy Development Limited, celebrated "National Energy Conservation Day" on 14th December 2023. The event was coordinated by Dr. Mahesh K. The main objective of the event was to promote energy conservation, which involves efforts to reduce wasteful energy consumption by using fewer energy services. The event aimed to expose students to the importance of energy conservation and to create a sustainable future. A total of 30 faculty, 300 students from Sir MVIT and 20 students from other Institutes participated.



ElectrogrEEEn'23

ElectrogrEEEn'23 - a National Tech Fest was organized on 20th and 21st December 2023. Various activities such as Just a Minute, Blind Art, Troubleshooting, Electroloop, Quiz, Photography and Meme Making were conducted. The objectives of the fest were to raise awareness among the students about various energy conservation methods, encourage the development of innovative solutions and the ideology of clean energy and emphasize the importance of energy conservation in day-to-day life. Certificates and prizes were awarded to the winners. The event was coordinated by Dr. Mahesh K. 250 students from Sir MVIT and 20 students from other institutes participated in the event.

FACULTY ACHIEVEMENTS & RECOGNITION

- Dr. R. Sivapriyan was appointed as an Executive Committee member for the IEEE - Power and Energy Society, Bengaluru Section for the year 2024. He also received a certificate of appreciation from IIT-Madras for being recognized as an NPTEL MOTIVATED LEARNER, having completed more than 8 NPTEL courses during July 2021 to January 2023.
- Ms. P. Kezia Joy Kumari has successfully completed the SWAYAM NPTEL course on "Introduction to Intellectual Property" in December 2023.

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

CONFERENCE PUBLICATIONS

- Shashibhushan G., AI-Powered Lithium-Ion Battery State of Charge Estimation for Enhanced Electric Vehicle Efficiency, Proceedings of the 7th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC 2023) organized by SCAD Institute of Technology, Dharan, Nepal from 11th to 13th October 2023.

EVENTS ORGANIZED

Guest Lecture on the "Benefits of IEEE Membership"



The department organized a Guest Lecture on the "Benefits of IEEE Membership" on 12th December 2023, in the CSE Seminar Hall. The resource person for the event was Dr. Venkatesha M., Professor & Head, ECE at SVIT and Vice Chair of the IEEE Photonics Society, Bengaluru Chapter. The program aimed to provide insight into IEEE Membership and its benefits, professional and developmental opportunities, networking and collaboration, as well as career advancements and recognition. The keynote speaker inaugurated the Sir MVIT IEEE Photonics Society Student Chapter and announced the office bearers of the IEEE Photonics Society Student Chapter. The guest speaker uploaded the list of office bearers on IEEE vTools. 57 students from S3 and S5 participated in the event. Ms. Vijayashri V. Belgaonkar, Assistant Professor, coordinated the event.

SDP on “Free Space Optical Communication System using Optisystem Tool”



The department organized a Student Development Program on "Free Space Optical Communication System using Optisystem Tool" on 27th December 2023. The resource person for the event was Ms. Vijayashri V. Belgaonkar, the faculty advisor of the Sir MVIT IEEE Photonics Society Student Chapter. The program aimed to provide students with practical knowledge and skills in designing and simulating Free Space Optical (FSO) communication systems using the Optisystem tool. 35 students from S5 participated in the event. To further enhance their learning experience, Optisystem licenses were procured for a month, allowing students to explore various research areas in optical communication every Wednesday. The event was coordinated by Ms. Vijayashri V. Belgaonkar and Ms. Vijayalakshmi S.



FDP on “R&D Project Proposal Writing and Funding Opportunity”

The department organized a Faculty Development Program on “R&D Project Proposal Writing and Funding Opportunity” on 12 th December 2023, in Marconi Seminar Hall. The resource person for the event was Dr. Shyamlal, Associate Professor at NITK, Suratkal. The program aimed at enhancing project proposal writing skills and understanding funding opportunities for faculty members across various departments. 25 faculty members participated in the event. Ms. Shalini P., Associate Professor and Ms. Rajeswari K. N., Assistant Professor, coordinated the event.



SDP on “Introduction to MATLAB”



The department organized a Student Development Program on “Introduction to MATLAB” on 13th December 2023. The resource person for the event was Mr. Avinash Vulasa, Application Engineer at UPT Technology Solutions Division, CoreEL Technologies. The program aimed to provide students with practical knowledge and skills in MATLAB. 120 students from S3 participated in the event. Ms. Shalini P., Associate Professor and Ms. Praveena N., Assistant Professor coordinated the event.



Seminar on “Electronic Design and its Relevance in Industry”



The department organized a seminar on “Electronic Design and its Relevance in Industry” on 22nd December 2023, in Science Seminar Hall. The resource person of the event was Mr. Sathish Nayak, Design Head from Trident Infosol Pvt. Ltd., Peenya, Bengaluru. The main aim of the seminar is to narrow down the differences between Industry and academia in Electronic Product Designing. The students were given a deep insight into the real time procedures adopted in industries for developing and designing of Electronic Products. It helped in achieving many Program Outcomes with respect to the Course Outcomes for the course “Electronic Principles and Circuits.” 35 students from S3 actively participated in the event. Dr. Sasmita Mohapatra, Professor and Ms. Rajeswari K. N., Assistant Professor coordinated the event.

FACULTY ACHIEVEMENTS & RECOGNITION

Ms. Bhuvanewari N., Assistant Professor, was invited as a Judge at Teleposium 2.0 (3-day National Level Technical Symposium) for the paper presentation event organized by the Electronics and Telecommunication Engineering department at Sir M. Visvesvaraya Institute of Technology on 21st December 2023.



STUDENTS' ACHIEVEMENTS

Manoj Sudhir Kulkarni, J. Chetan Vinayaka and Mayank Tripathi, S5, secured 1st place in Technical Quiz, held during OXYIGNITE-2k23, at The Oxford College of Engineering on 22nd December 2023.



Ms. Sowjanya Lakshmi A. joined the department as Assistant Professor on 1st December 2023. With 12 years of teaching experience, her expertise lies in Internet of Things. She has published one Scopus indexed research paper.

Ms. Sowjanya Lakshmi A.
Asst. Professor

New Appointments

Ms. Shilpa Chippalakatti joined the department as Assistant Professor on 22nd December 22, 2023. With 12 years of teaching experience, her expertise lies in VLSI, Embedded System, Artificial Intelligence and Machine learning algorithms.



Ms. Shilpa Chippalakatti
Asst. Professor



Ms. Geetha V. joined the department as Assistant Professor on 28th December 2023. With 14 years of teaching experience, her expertise lies in Image Processing.

Ms. Geetha V.
Asst. Professor

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

EVENTS ORGANIZED



Mentoring Session by Industry Expert



The department organized a mentoring session on 13th December 2023. The mentor was Mr. Saurabh Garg, Co-Founder and Chief Business Officer of nobroker.com. He guided five teams, by addressing the challenges related to their assigned internship work. The session was lively radiated with vibrant energy and fostered a spirit of innovation. 50 students from all semesters participated in the event.

Teleposium 2.0



The department organized a 3-Day symposium, "Teleposium 2.0", from 21st to 23rd December 2023. The aim was to encourage collaboration and knowledge exchange among the students from all semesters. Prof. Rakesh S. G., Principal and Sri G. Prabhakar Raju, Academic Committee Chairman, presided over the inaugural function, with Dr. E. Kavitha as the event convener. The events conducted were paper presentation, robothon, mini project, technical quiz, JAM, turn coat, BGMI and treasure hunt.



182 participants from all the semesters across all the branches, took part in different events. The event was concluded with the valedictory function and Mr. Abhishek Jamuar, the Founder and CEO of Obeya, was the guest of honour. The winners were awarded with cash prizes and all the participants were given the certificates. The faculty coordinators were Ms. Swetha B.M., Ms. Akila P., Ms. Sandhya B.S., Ms. Savita A. Harkude, Mr. Faiz Mohammad Karobari, Ms. Madhu Kumari Ray and Ms. Sudha J. The student coordinators were Abin Mathew, Manmohan Singh and Vibha B. R.

STUDENTS' ACHIEVEMENTS

- Arun G. of S5 took part in a volleyball tournaments, held at Dolphins Degree College on 8th December 2023, at CMRIT on 13th and 14th December 2023 and at BMSCE on 18th and 19th December 2023.
- Uday Kiran R. Karturi of S5 participated in basketball tournaments held at CMRIT on 13th and 14th December 2023 and BMSCE on 18th and 19th December 2023.

OTHER NEWS

The 2nd session of What A Day (WAD) on “Innovative and Startup Training Program” has been initiated by the department on 4th December 2023, by WAD team. Each Wednesday, the session is held for students from all branches. Approximately 40 students actively participated in each session.

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

EVENTS ORGANIZED



Workshop on “Advances in Internet of Things”



The department organized a workshop on “Advances in Internet of Things” on 21st December 2023. The resource persons of the event were Ms. Sapna R., Asst. Professor and Dr. Preethi, Sr-Grade Assistant Professor, Dept. of IT, MIT, Bengaluru. The primary goal of the workshop was to introduce and acquaint students with the practical aspects and utilization of cloud-based applications in the context of the Internet of Things. It provided the students with a deeper understanding of how IoT, which involves the interconnectedness of devices, leverages cloud computing for various functionalities. A total of 84 students from S3 and S5 participated in the event. This event was coordinated by Dr. S. N. Sheshappa.

JOURNAL PUBLICATIONS

M. D. Kiran, Lokesh Yadhav B. R., Atul Babbar, Raman Kumar, Sharath Chandra H. S., Rashmi P. Shetty, Sudeepa K. B., **Sampath Kumar L.**, Rupinder Kaur , Meshel Q., Alkahtani, Saiful Islam, Raman Kumar “Tribological properties of CNT-filled epoxy-carbon fabric composites: Optimization and modelling by machine learning”, Journal of Materials Research and Technology, vol. 28, no. 10, pp.2582-2601, December 2023. <https://doi.org/10.1016/j.jmrt.2023.12.175>

CONFERENCE PUBLICATIONS

- Nagraj M.J. and **V. Shantha**, “An IoT Based Transmission Line Fault Monitoring System”, International conference on vspice-2023, Department of Electronics and Communication Engineering, NMAM Institute of Technology, Nitte, India, 19th & 20th December 2023.
- Nagraj M.J. and **V. Shantha**, “Automatic Load Distribution of Power During Low Power Generation Using PLC”, International conference on vspice-2023, Department of Electronics and Communication Engineering, NMAM Institute of Technology, Nitte, India, 19th & 20th December 2023.

EVENTS ORGANIZED

Internship Program on Synchronous Modeling



The department organized an internship program, with a specialized focus on Synchronous Modeling, a distinctive Siemens NX application that allows unrestricted modification of models without the constraints of traditional parametric modeling, from 30th October 2023 to 24th November 2023. This feature is particularly valuable for editing STP models. 15 students from S4 actively took part in the internship, where they explored the details of design using Synchronous Modeling. This event was coordinated by Dr. K. S. Shanmukharadhya, Professor & Head. The internship program was provided by GTTC.

TECHNICAL EVENTS ATTENDED

Name of the attendee	Title of the event	Organizers details	Dates
Dr. H. S. Yeshvantha	FDP on "Introduction to Practical Entrepreneurship-Innovating"	IIT Madras Virtual Mode	02-12-2023
	FDP on "Introduction to Practical Entrepreneurship-Leading"		09-12-2023
	FDP on "Introduction to Practical Entrepreneurship-Growing"		16-12-2023
Dr. Kiran Kumar M.	5th National Level Workshop on "NIRF India Rankings 2024"	Institute for Academic Excellence (IAE), Hyderabad Virtual mode.	12-12-2023 to 14-12-2023

OTHER NEWS



The ASME Student Section at Sir MVIT has achieved the "ASME Student Section Achievement Award" for the year 2022-2023. This recognition reflects the efforts and accomplishments of the ASME Student Section in contributing to the goals and standards set by the American Society of Mechanical Engineers.



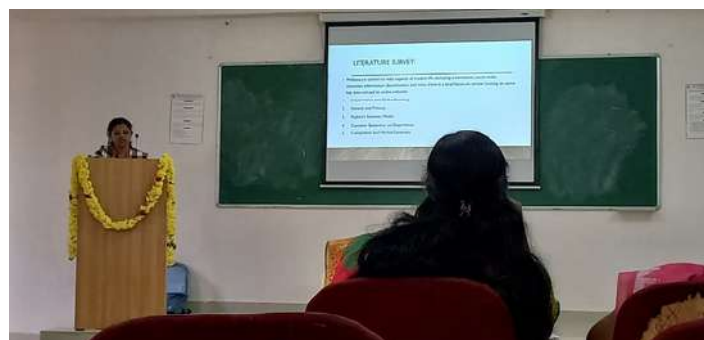
DEPARTMENT OF COMPUTER APPLICATIONS

TECHNICAL EVENTS ATTENDED

Name of the attendee	Title of the event	Organizers details	Dates
Ms. Vani Harave Mr. Raghavendra Rao B. G.	FDP on "Data Analytics using Python and Power BI"	Department of MCA, RNSIT, Bengaluru	05-12-2023 to 09-12-2023

STUDENTS' ACHIEVEMENTS

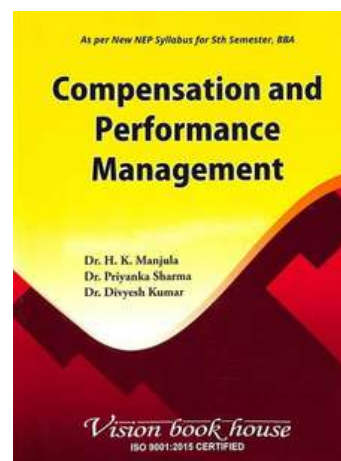
Aishwarya Kurumkar of S3 MCA has presented paper titled "Study on Online Website" in the Teleposium 2.0 organized by the Department of Electronics and Telecommunication Engineering, Sir MVIT during 21st-23rd December, at CSE seminar hall. This research work was carried out under the guidance of Ms. R. Latha, Associate Professor.



DEPARTMENT OF MANAGEMENT STUDIES

BOOKS AUTHORED

Dr. H. K. Manjula, Dr. Priyanka Sharma, Dr. Divyesh Kumar, "Compensation and Performance Management", Vision book house, ISBN 978-93-58409-72-7.



FACULTY ACHIEVEMENTS & RECOGNITION

Dr. Priyanka Sharma, HOD – MBA was invited as a chairperson for an International conference ERMA -2023 titled "Global Economic Turmoil: Transformation and Business Recovery Process" organized by Nitte Meenakshi Institute of Technology on 22nd December 2023.



TECHNICAL EVENTS ATTENDED

Name of the attendee	Title of the event	Organizers details	Dates
Ms. Deepthi J.R. Ms. Ashwini Ms. VidhyaShree Ms. Priya Choudhary	International Conference on “Global Economic Turmoil: Transformation & Business Recovery Process”- ERMA 2023	Nitte Meenakshi Institute of Technology, Bengaluru	21-12-2023 & 22-12-2023
Ms. Banishree Sukla	The 6th ICIER International conference on “Strategic Agility and Resilience”	Departement of MBA, BNMIT, Bengaluru	14-12-2023 & 15-12-2023
Ms. Deepthi J.R. Ms. Ashwini Ms. VidhyaShree Ms. Priya Choudhary	FDP on “Research Publication and Ethics”	Nitte Meenakshi Institute of Technology, Bengaluru	4-12-2023 to 8-12-2023
Ms. Banishree Sukla	FDP on “Data Analysis for using Statistical Tools”	Acharya Institute of Technology, Bengaluru	28-12-2023 to 30-12-2023

DEPARTMENT OF CHEMISTRY

PATENTS PUBLISHED

Dr. Mahadevaswamy M., **Dr. Prashanth G. K.**, Dr. Mallikarjun B. Chougala, Dr. Srilatha Rao, Dr. Sowmyashree A. S., Mr. Mutthuraju M., Dr. Prashanth P. A., Dr. Dileep M., "Green assisted synthesis of molybdenum oxide nanoparticles: Exploring biological and electrochemical activities". Application number 202341077514, 22nd December 2023, Indian.

CONFERENCE PUBLICATIONS

G.K. Prashanth, S.H. Prashant, Manoj Gadewar, M. Mutthuraju, M. Mahadeva Swamy, Srilatha Rao, A.S. Sowmyashree, B.M. Nagabhushana, “Sustainable *Mirabilis jalapa*-Derived Zinc Oxide Nanoparticles: Synergistic Bioactivity in Antimicrobial, Anticancer, and Antioxidant, International Conference on Advanced in Materials in Engineering Sciences, M. S. Ramaiah Institute of Technology, Bengaluru, 8th December 2023.

FACULTY ACHIEVEMENTS & RECOGNITION

Dr. G.M. Krishnaiah has been nominated as Chairman-BOE, VTU for the academic year 2023-24.



OTHER NEWS

Dr. Prashanth G. K., delivered a guest lecture on "Conducting Polymers", for 1st year B.E. students at Navkis College of Engineering, Hassan on 22nd December 2023.

DEPARTEMENT OF MATHEMATICS

New Appointments



Ms. Latha Y. L., M.Sc., joined as Assistant Professor in the Dept. of Mathematics on 8th November 2023. She has 5 years of teaching experience and her area of expertise is Fluid Dynamics.

Ms. Latha Y. L.
Asst. Professor



Ms. Janani P., M.Sc., joined as Assistant Professor in the Dept. of Mathematics on 6th November 2023. Her area of expertise is Statistics.

Ms. Janani P.
Asst. Professor

SPORTS NEWS

- Cheguevara M. S. of S2 of ETE and Abhinav G. Kashyap of S7, BT participated in VTU basket ball team selection trials for the year 2023-24, held at CMRIT, Bengaluru, on 2nd and 3rd December, 2023.
- Ananya B. of S7, CSE participated in South Zone Inter University Chess women tournament-2023 from 26th to 29th December 2023, held at Dr. Ambedkar Law University, Chennai.
- Karen Morais of S5, BT participated in South Zone Inter University Football women's tournament-2023-24, from 30th December to 4th January 2023 held at University of Calicut, Kerala.
- The students achieved accolades for the institute by participating in VTU and open state-level inter-collegiate group events held at BMSCE and CMRIT. The football, kabaddi, volleyball, throwball, and basketball teams reached the semi-finals at CMRIT, and in the same sports events at BMSCE, these teams made it to the second round. The events spanned from 13th to 22nd December, 2023.



Dancing Duo Competition

Laasya-the dance club, organized a Duo Dance Competition on 20th December 2023. It was a spectacular showcase of talent and creativity. The competition took place in the main auditorium, with the participation of 10 teams.

Treasure Hunt



Chetana-the sports club of Sir MVIT, organized a treasure hunt competition for the first year students on 20th December 2023, at Science Seminar Hall. 32 students participated in the competition.



What is IKS - Orientation Talk

Vidya Bharathi-the Indian Knowledge System club, organized an orientation expert talk by Dr. Rajasekhar Krishnan as its inaugural event on 20th December 2023, at the CSE seminar hall. The resource person was Dr. Rajasekhar Krishnan, Founder Wayda Consultants Pvt. Ltd. The talk covered the vast plethora of different branches of learning ranging from astronomy, mathematics, art & sculpture to literature & economic systems enshrined in the Indian cultural ethos. This was greatly appreciated by the students, as evident from the interactive discussions that occurred. The student audience which numbered 158 in all, were drawn across all 4 semesters of B.E. This event was coordinated by Dr. Mrinalini Menon, faculty mentor of the Vidya Bharati Club.



Monthly Bhajans

Sunaada-the musical club of our institution, organized the monthly bhajan program at Sri Vidya Ganapati Temple on 19th December 2023.

Cultural Performance during NAAC Peer Team visit



Around 25 students from **Sunaada** and **Laasya** clubs of Susamskriti showcased their talents at the Main Auditorium, providing an engaging performance that was well-received by the NAAC Peer team during the accreditation visit.



Kalanjali 2023 Thanksgiving Meeting



A thanksgiving meeting for Kalanjali took place on 21st December 2023, at the Main Auditorium. The event was attended by all core committee members, chairs, co-chairs, members of various committees, judges, and student volunteers. Sri G. Prabhakar Raju, Honorable Trustee and Chairman of the Academic Committee, along with Principal, Prof. Rakesh S. G., presented certificates to the main volunteers. The meeting was followed by a high tea for all.



Sutantra Logo Launch

Sutantra-the technical encapsulate of Sir MVIT, unveiled its official logo on 18th December 2023. The logo was designed by Ms. Nanditha R., of S1 from EEE branch. The logo was launched by Sri G. Prabhakar Raju, Honourable Trustee and Academic Committee Chairman, Sir MVIT, in the presence of the Principal, Prof. Rakesh S. G., Dr. S. K. Uma, Chair-Kalakaustubha and Mr. Phanindar Ravi P., Vice-Chair, Sutantra during the success meet of Kalanjali 2023. Mr. Phanindar Ravi P. provided valuable insights into the design, offering a comprehensive understanding of its intricacies. The logo was chosen from numerous designs submitted during a logo design competition. Ms. Nanditha R. won a cash award of one thousand rupees from the trust.



World Soil Day

Nisarga-the Eco Club of Sir MVIT, under Susamskriti, organized an expert talk on "Practical Approaches to Solid Waste Management" in commemoration of World Soil Day on December 6, 2023. Approximately 35 students from S1 and S5 of BT, along with volunteers of Nisarga participated in the event. The program commenced with a brief overview of the significance of World Soil Day, followed by the introduction of the resource person, Ms. Pavithra Dharam, Director of Operations at Ecogram Project in Bengaluru. Dr. Sudevi Basu, the Faculty Mentor of NISARGA – Eco Club at Sir MVIT, introduced Ms. Pavithra Dharam, who was accompanied by Ms. Kalavathi, the field assistant of the Ecogram Project. The guests were warmly welcomed with saplings, adding a green touch to the environmental-themed event.

ALUMNI CORNER

Alumni Visits



Mr. Naveen N. Kamplikar (2002 Batch- CSE), working as Vice President at JP Morgan in Singapore, visited the campus on 25th December 2023.

Mr. Shivaji Rudraraju (1990 Batch-ME), working as the Global Accounts Solution Lead (Technical) at Siemens PLM Software in Michigan, USA, visited the campus on 20th December 2023.

Ms. Neethu Padmanabha Raju (2015 Batch-ECE), currently pursuing her Masters at Portland State University, visited the campus on 20th December 2023.



Mr. Nithin Kumar T. (2011 Batch, CSE), working as Senior Data Scientist at Dell Technologies in Dublin, Ireland, and Mr. Pramod Vadiraja (2011 Batch, CSE), working as CTO at Hyde in Germany, visited the campus on 9th December 2023.



Mr. Srikanth Nookala (2006 Batch, EEE), working as Senior Data Analyst, at Relogix, Toronto and Ms. Rajitha Vasu (2007 Batch, EEE), working as Developer at SAP Labs India, visited the campus on 14th December 2023.

Alumni Judges during Kalanjali 2023

- Mr. Sanjay Raj (2011-15 CSE)
- Mr. Raakesh Raaj (2005-09 EEE)
- Mr. Swastik Nanda Kumar (2012-16 ECE)
- Ms. Ramya Kirthana (2012-16 ECE)
- Mr. Sagar (2012-16 ECE)
- Mr. Srinath Prabhu (2010-14 TCE)
- Mr. Abhishek Sathagopachari (2006-10 CE)
- Mr. Sujay R. (2001-05 CSE)
- Ms. Manju G. (2001-05 ISE)
- Mr. Nagachethan S. M. (2000-04 ISE)
- Mr. Naresh Neelakantan (2001-05 ECE)
- Mr. Rajat S. (1999-2003 TCE)
- Mr. Smitha Iyengar (2012-16 ECE)
- Mr. Shruthi Das (2012-16 BT)
- Mr. Nesara Bhargav (2011-15 ME)
- Mr. Mahesh (2016 -20 MBA)
- Mr. Sunder Shridhar (1990-94 CV)
- Mr. Pratyush (2019-23 CSE)
- Mr. Rakesh Nayaka (2012-16 ME)
- Mr. Rakesh S. G.(2012-16 CV)
- Ms. Priya Mannath (1995-99 CE)
- Mr. Girish N. Prabhu (2002-06 ECE)
- Dr. Pallavi R. (1995-99 CSE)
- Mr. Shivam Singh (2015-19 CV)
- Mr. Kiran Kashyap (2012-16 ME)



ALUMNI SPEAK



Atish Anand
1998 - 2002 TE
Assistant Vice President - Program Management - G4S India

It has been 25 years when I took my first step in Sir MVIT campus. The 4 years journey in the campus along with the hostel life made me the man, I am today! I will always be indebted to the campus for giving me some wonderful friends for life. Whenever we meet even after 25 years, it feels like starting from where we had left. The teachers made me believe that I have it in me, to make big someday. As I take another stride in my 22nd year of my professional career, I would like to look back and say with immense pride that I belong to this institute. The institute from my time was extremely organized and methodical in its approach. From setting up a separate hostel for 1st year to having teachers reside in the campus to address any issues, were signs of thinking ahead. Each and every department was well equipped with excellent faculty and logistics. The placement unit was icing on the cake. This unit invited several companies to the campus during the times when 9/11 had caused major turbulence in terms of jobs and opportunities. I would summarize and say that, if you want to see an overall growth in your personality, this is the place to be in. Even after 22 years since graduating, a loud cheer to Sir MVIT!!!

Saurabh Jain
2002-2006 BT
COO – Worxogo Solutions Pvt. Ltd



We were the first ever batch of Biotechnology students, not just at Sir MVIT but also in the entire VTU. It was a unique experience, where the fear of unexpected combined with sense of anticipation, as we were going to spend the next four years would involve immersing ourselves in learning a new subject, a new curriculum new laboratory setup. None of us knew what lay in store for us in terms of career prospects, job opportunities and options to study further. While the first year was common for students across specialities, but from second year onwards, college and the department ensured that the next 3 years were incredibly focused and academically dedicated years of our lives. Under the able guidance of Nagendra sir and Sathya sir, we embarked on a journey of not just reading and completing course books, but learning through experimentations, working on real life project works and industry internships. The labs at Biotech department were equipped with some of the best equipment available, professors played the role of enablers and supporters and we had access to labs 24x7, if we were working on an experiment for a live project. Nagendra sir and KVR prasad sir, with the blessings of college management, encouraged us to participate in as many competitions, project works, internships as possible. It allowed us to understand concepts through practice, helped us excel academically and more importantly led to our all round personality development. Also, taking up Biotechnology was a blessing in disguise, it opened up multiple avenues for us for further studies. Rather than just depending on standard IT companies for placements, we started exploring options for further research and study (US and in India), pursued career opportunities in pharmaceutical, biotechnology, immunology and other related industries. I am delighted to see MVIT and Biotech department, going from strength to strength under the leadership of college management and Nagendra sir and I wish the best for my alma mater and all its students. I would love to keep contributing to MVIT's growth through my own small efforts.

All the best.

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