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VARTHAMANJARI

e-NEWSLETTER



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.



Editorial



Dear All,

Varthamanjari, the e-newsletter of Sir MVIT, has marked its one-year anniversary and is now embarking on its second year with a fresh cover page and reporting style.

I extend a warm welcome to this new phase of Varthamanjari's journey. I express my heartfelt gratitude to the department coordinators and editors for consistently delivering 12 colorful and highly informative issues on time over the past year. I deeply appreciate the dedication of every member of the Varthamanjari team, ensuring each issue is crafted to perfection.

Looking ahead, I sincerely hope that the upcoming issues of Varthamanjari will continue to provide the anticipated information. The addition of new sections in the second volume is expected to enhance its popularity among readers.

Wishing Varthamanjari continued success, I am optimistic about the prospect of vibrant and informative editions in the coming year.

Best regards,

*Rakesh S. G.
Chief Editor*



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CELEBRATION OF KANNADA RAJYOTSAVA

The 50th Kannada Rajyotsava was celebrated at institute on 1st November 2023. The festivities commenced with the flag hoisting ceremony, followed by the rendition of the state anthem. The Principal, staff and students paid homage to the portrait of Goddess Bhuvaneshwari. This was followed by Karnataka's special folk performances such as Dollu Kunitha and Veeragase. As part of the celebrations, a cultural program was presented by the students of Hongirana, the Kannada club. On this occasion the campus was beautifully decorated with red & yellow colors. The Kannada Rajyotsava at the institute was not only a commemoration of Karnataka's glorious history but also a testament to the cultural diversity that make the state truly unique.



>>> GLIMPSES OF KANNADA RAJYOTSAVA



VERVE 2023

The annual intra-college talent hunt fest, VERVE 2023, was conducted on 4th November 2023, showcasing the skills and creativity of students under the aegis of Susamskriti, the Cultural Forum. The event comprised a lineup of 22 competitions spanning diverse domains like music, dance, theatre, fine arts and literary pursuits. This celebratory day was also marked as Ethnic Day, adding cultural depth and vibrancy to the festivities. The event witnessed an impressive turnout, with around 400 enthusiastic students displaying their diverse talents across a multitude of competitions. Each competition served as a platform for these individuals to display their skills, adding an electrifying atmosphere to the campus. All these competitions were judged by faculty and staff members with relevant expertise. The winners of the competitions were presented with cash awards. Student volunteers of Susamskriti exhibited impressive dedication in the overall coordination of the events.



>>> GLIMPSES OF VERVE



CHILDREN'S DAY CELEBRATION

Sir MVIT celebrated Children's Day on November 18, 2023, with the enthusiastic participation of approximately 25 children of the Institute's employees. These children took part in various activities during the celebrations, showcasing their talents through singing, dancing, mono acting, skits, fancy dress and musical performances. Additionally, a captivating magic show was organized, thoroughly enjoyed by all the attending children. As a token of appreciation, the Principal presented gift hampers to all the children who actively participated in the event, adding to the joyous occasion.



>>> GLIMPSES OF CHILDREN'S DAY



KARTHIKA DEEPOTHSAVA



Karthika Deepotsava was celebrated at Sir MVIT on November 22, 2023, transforming the entire college campus into a glow with the radiance of around 12,000 diyas. The preparations for the event began in the afternoon, where many enthusiastic students and staff members were actively involved in setting up the lamps and decorating the floors with attractive rangolis. The event commenced with an auspicious pooja at the Sri Vidya Ganapathi temple, and the festivities unfolded with the ceremonial illumination of lamps throughout the campus. The event was witnessed by Sri V. Srinivasa Raju, the Founder Trustee of Sri KET. A standout moment of the celebration was the students' exquisite creation—an awe-inspiring depiction of Sir M. Visvesvaraya's portrait outlined with radiant lamps. The campus glowed with captivating radiance, embodying the spirit of unity and festivity.



>>> GLIMPSES OF KARTHIKA DEEPOTSAVA



>>> GLIMPSES OF KARTHIKA DEEPOTSAVA



EVENTS ORGANIZED



I AM REMARKABLE WORKSHOP

The department under the aegis of Institution's Innovation Council organized “#IAmRemarkable - an Innovative Workshop” on the importance of soft skills in education on 17th November 2023 to commemorate National Education Day, which will be held every year on 10th November. The workshop was facilitated by Mr. Roshan J. Washington, an esteemed alumnus of the institution from the 2010 batch, currently serving as the Global Talent Program Manager at Dell Technologies, Bengaluru.



The objective of the workshop was to create awareness about the importance of soft skills in education and the professional world. The speaker emphasized that, soft skills, including communication, teamwork, adaptability and emotional intelligence, plays a pivotal role in shaping individuals into well-rounded professionals. A total of 40 students from S7 and S3 participated in the workshop. Dr. Rashmi K.V. was the coordinator of the event.

EXPERT LECTURE ON “HARNESSING THE REGENERATIVE AND IMMUNOMODULATORY PROPERTIES OF MESENCHYMAL STROMAL CELLS FOR CLINICAL APPLICATION”



The department had organized an expert lecture on the topic “Harnessing the Regenerative and Immunomodulatory Properties of Mesenchymal Stromal Cells for Clinical Applications” which was the part of ‘Lecture of The Month Series’ by Stem Foundation under The Society of Regenerative Medicine and Tissue Engineering (SRMTE), on 15th November 2023 for S5 and S3 students. Ms. Archana S., Research Associate & Ph.D. Scholar at iCREST, International Stem Cell Service Ltd., Bengaluru was the resource person. She elaborated various clinical applications of Mesenchymal stem cells for immunomodulatory applications. Dr. Jyothsna Rao, Research Director and Lab Head of International Stem Cell Services, Bengaluru highlighted the purpose behind the concept of Lecture of The Month Series and various opportunities available for the students in the stem cell research. The session was coordinated by Dr. Rashmi K.V.



PAPERS PUBLISHED

Vasuki, Aluru, **Menon Mrinalini**, and Sukumaran Omana Bindhu. "Biotechnological application prospects of latex proteases from Apocynaceae family." Research Journal of Biotechnology, vol. 18, no.11, pp.233-240, 2023, doi: <https://doi.org/10.25303/1811rjbt2330240>

FACULTY ACHIEVEMENTS & RECOGNITION

Dr. Sudevi Basu has successfully completed the NPTEL Course on "Ethics in Engineering Practice", offered by IIT Kharagpur, an 8-week course held from August 2023 to October 2023 with Elite+ Silver recognition, securing the top position among 1% of the participants. This course is also recognized as an FDP Course.

DEPARTMENT OF CIVIL ENGINEERING

EVENTS ORGANIZED



LATEST DEVELOPMENTS IN BRIDGE ENGINEERING

Department of Civil Engineering organized a Technical Talk, in association with Indian concrete institute. The Technical Talk, held on 21st November featured distinguished speakers Er. H.R. Girish (Hon.Chairman, ICI) and Er. Aravind Kumar Salecha. The event aimed to provide insights into the convergence of engineering, management and legal perspectives in the dynamic field of infrastructure development. 60 students participated in the event.



FACULTY ACHIEVEMENTS & RECOGNITION

- Dr. Ravi Kumar H. has been appointed as a member of the Research Advisory Committee for Ph.D. scholars at Sri Jagadguru Mallikarjuna Murugharajendra Institute of Technology, Chitradurga and Malnad College of Engineering, Hassan.
- Mr. K. V. R. Prasad and Ms. Tamil Selvi N. have successfully completed the advanced level Innovation Ambassador (IA) training, conducted by the Ministry of Education's Innovation Cell and AICTE.

PAPERS PRESENTED

Vyshnavi D. R. and Shivanna S., "Hydroponics Technologies for Small-Scale Agriculture-Challenges and Opportunities in Smart Farming: A Review", 2nd IEEE International Interdisciplinary Humanitarian Conference for Sustainability organized by Sri Venkateshwara College of Engineering, Bengaluru, 3rd and 4th November 2023.

TECHNICAL EVENTS ATTENDED

Name of the attendee	Title of the event	Organizers details	Dates
Mr. K. V. R. Prasad	Webinar on "Road Construction 100 Km in 100 Hours".	Construction Management Training Institute, Bengaluru, Virtual Mode.	26-11-2023
Dr. Ravi Kumar H.	Webinar on "Effective Research Proposal writing for Funding".	Ghousia College of Engineering, Ramanagara, Virtual Mode.	18-11-2023
Dr. Ravi Kumar H. Mr. K. V. R. Prasad Ms. Anitha J. Ms. Pradeepa S. Ms. Tamilselvi N. Ms. Ramya N. Ms. Vyshnavi D. R. Ms. Bhavya S. Ms. Subhadra G. D. Mr. Sriram Mustapure	FDP on "Train the Trainer-Python for Beginners."	The Dept. of MCA, Sir M. Visvesvaraya Institute of Technology. MBA Seminar Hall	06-11-2023 to 11-11-2023
Dr. Shivanna S.	National Level Webinar on "Enhancing the Service Life of RCC Structures by an Active Technique".	Department of Civil Engineering, Akshaya College of Engineering and Technology, Coimbatore, Virtual Mode.	06-11-2023

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

EVENTS ORGANIZED



PARENT-TEACHER MEETING

The department organized "The Parent-Teacher Meeting" on 18th November 2023, for the students of S1 and S7, aiming to foster a robust bridge of communication between parents and faculty. The meeting was conducted in both online and offline modes, providing flexibility for participation. Total 15 parents actively participated in the meeting. The event was coordinated by Ms. Rekha B. N. and Mr. Suraj Kumar.

INAUGURATION OF DATA ANALYTICS LAB



The inauguration of the new "Data Analytics Lab" took place on 9th November 2023, with the esteemed presence of the Academic Committee Chairman, the Principal and the Heads of the Departments. This significant event marked the establishment and introduction of a state-of-the-art facility tailored to support learning and exploration in the field of data analytics. The inauguration ceremony symbolized a milestone in the institution's commitment to providing students with cutting-edge resources to delve into the realms of data analytics.

FACULTY ACHIEVEMENTS & RECOGNITION



Dr. Savita Choudhary conducted the final Ph.D. Viva-Voce for her research scholar, Ms. Hamsaveni M., on 16th November 2023. The external expert for the Viva-Voce was Dr. Pradeep Kumar T. S., a Professor at VIT, Vellore. Dr. Savita Choudhary was invited as an external expert for the Pre-Synopsis meeting at Presidency University on 28th November 2023.

»»» DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

EVENTS ORGANIZED



VISIT TO KREDEL

Final-year students from the EEE department visited KREDL (Karnataka Renewable Energy Development Ltd.) with a proposal to install a solar and wind hybrid power generating system within the college campus, which forms a crucial part of their final-year project. This visit was an enlightening experience, offering students valuable insights into solar and wind energy generation. During the visit, the students participated in discussions with Mr. Maruthi, the AGM of the Wind Division, and his team.

FROM STARTUP TO SUCCESS: MY JOURNEY AS AN ENTREPRENEUR

The Department of EEE, in collaboration with the Institution's Innovation Council, organized a motivational talk titled "From Startup to Success: My Journey as an Entrepreneur" on 9th November 2023. The objectives of the event were: how entrepreneurs are contributing in Nation's growth & their importance and to make the students aware on state & central govt. initiatives for promoting entrepreneurship ecosystem and nurturing future entrepreneurs. The keynote speaker was Ms. Sonakshi Nathani, CEO of BIK & MANIFEST, Bengaluru. 122 students from S7 attended the session.



Mr. Maruthi and his team assured the students of their willingness to review the proposal and extend technical assistance from KREDL, if required. The project is under the supervision of Dr. Mahesh K., providing guidance and expertise to ensure its successful implementation.

FACULTY ACHIEVEMENTS & RECOGNITION

- Dr. R. Sivapriyan, an EXECOM member of IEEE SIGHT, has been appointed as the Secretary of IEEE SIGHT - Karnataka for the year 2024.
- Dr. R. Sivapriyan completed a one-month (120 hours) online internship in Clinical Psychology from 18th September 2023 to 17th October 2023, conducted by Cognizavest.

STUDENTS' ACHIEVEMENTS



Prajwal A. of S5 got cash price of Rs. 1000/- for exceptional participation in the event "Experimental learning via Innovation and Design" organized by the department of Biotechnology, Sir MVIT.

TECHNICAL EVENTS ATTENDED

Name of the attendee	Title of the event	Organizers details	Dates
Dr. Suresh H. L. Dr. Mahesh K.	CoreEL Edu Summit 2023 Seminar on “AI Application”	CoreEL Technologies India Pvt Ltd., Bangalore	28-11-2023
Dr. R. Sivapriyan	Webinar on “Teaching Fundamentals of Neural Networks with MATLAB”	MathWorks	30-11-2023
Dr. R. Sivapriyan	1-Week FDP on “Intelligent Control of Electrical Systems using Machine Learning”	SRGEC, Vijayawada (AP)	16-10-23 to 20-10-23
Mr.V.Rajesh Kumar Ms.P.Kezia Joy Kumari	1-Week FDP on “Introduction to Python Learning for Beginners”	The Dept. of MCA, Sir M. Visvesvaraya Institute of Technology. MBA Seminar Hall	06-11-2023 to 10-11-2023
	1-Day workshop on “Entrepreneurship and Innovations in Electric Vehicles”	Malla Reddy Engineering College, Secundarabad. Virtual Mode	21-11-2023

OTHER NEWS



On November 11, 2023, Dr. H L. Suresh and Dr. Mahesh K. conducted an introductory program specifically designed for first-year students. The primary aim of this session was to acquaint these students with various aspects such as the scheme, the syllabus that would be covered

throughout their academic term, as well as the norms and regulations pertinent to their educational journey. A notable total of 113 students from the S1 engaged actively in this informative session. The program served as a crucial foundation for these students, providing them with essential information, guidance and a comprehensive understanding of what to expect throughout their academic curriculum.

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

TECHNICAL EVENTS ATTENDED

Name of the attendee	Title of the event	Organizers details	Dates
Ms. Bhuvaneswari N.	FDP on “5G & 6G in Industry (Intel India Education Conclave)”	Intel, India	03-11-2023 & 04-11-2023
Dr. Poongothai C.	ATAL FDP on “Machine learning approaches towards 5G/6G mobile networks”	GITAM University	06-11-2023 to 11-11-2023
Mr. Phanindar Ravi Parimi	FDP on “Train the Trainer - Python for Beginners”	The Dept. of MCA, Sir M. Visvesvaraya Institute of Technology. MBA Seminar Hall	06-11-2023 to 10-11-2023
Ms. Vijayashree V. Belgaonkar	FDP on “Modeling Advanced Physics Applications with COMSOL Multiphysics”	COMSOL Multiphysics Pvt. Ltd.	21-11-2023
	FDP on “Optic and Photonic Devices using COMSOL Multiphysics”	COMSOL Multiphysics Pvt. Ltd.	23-11-2023
	FDP on “SoC and FPGA Design (Intel India Education Conclave)”	Intel, India	03-11-2023 & 04-11-2023

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

NEW APPOINTMENT

Ms. Sudha J. joined the department as Assistant Professor on November 20, 2023. With 11 years of teaching experience, her expertise lies in VLSI and communication. She has published 1 research paper.



Ms. Sudha J.
Asst. Professor

EVENTS ORGANIZED



VISIT TO KREDEL



The department organized a boot camp under the banner of CIII in collaboration with Ruchika Sureka, the founder of the group WAD (What A Day). The program was aimed to benefit 50 student participants. On November 8, 2023, Ms. Gayathri Vamsi conducted a session focusing on addressing market challenges. Following that, on November 15, 2023, Ms. Ruchika Sureka led a session on effectively reaching out to people and pitching their skills.

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

TECHNICAL EVENTS ATTENDED

Name of the attendee	Title of the event	Organizers details	Dates
Mr. Byregowda B. K.	FDP on "Full stack development with AWS and 5G Mobile Communication"	Dept. of CSE, NMIT, Bengaluru	21-11-2023 to 25-11-2023

FACULTY ACHIEVEMENTS & RECOGNITION

Dr. S. N. Sheshappa attended the Department Advisory Committee (DAC) meeting on the 7th of November 2023 in the Department of Computer Science and Engineering at Atria Institute of Technology.

NEW APPOINTMENT



Mr. Muthuramalingam B., who holds a Master of Technology degree, joined the Department of Information Science and Engineering (ISE) as Assistant Professor on the 1st of December 2023.

Mr. Muthuramalingam B.
Asst. Professor

EVENTS ORGANIZED



CAREER OPPORTUNITIES IN ARTIFICIAL INTELLIGENCE

The department organized a seminar titled “Career Opportunities in Artificial Intelligence” on 8th November 2023. Mr. Manjunath P. B., Assistant Professor, in the Department of AI&ML at BIT, Bengaluru, served as the resource person for the event. The seminar aimed to enlighten students on various career prospects within the Artificial Intelligence domain. A total of 88 students from S1 and S3 actively participated in the seminar. Dr. S. N. Sheshappa coordinated this event.

DEPARTMENT OF MECHANICAL ENGINEERING

PAPERS PUBLISHED

- **V. Shantha**, S. Nithya Poornima, “Effect of Nano Lubricant on the Tribological Behaviour using Pin on Disc Test Rig”, GIS Science Journal, Vol. 10, Issue 9, pp:132-139, Sept. 2023. doi:20.18001.GSJ.2022.V10I9.23.411558
- **Madhu Kumar K., G. Balakumar**, N. Chikkanna and N.R. Thyagaraj, “Microstructural Characterization and Wear Studies of T6 Heat-Treated A6082 Composite Reinforced with Yttria-Stabilized Zirconia”, Journal of Advanced Manufacturing Systems, Nov. 2023 doi:<https://doi.org/10.1142/S0219686724500124>.
- **Madhu Kumar K., G. Balakumar**, N. Chikkanna, N. R. Thyagaraj, “Enhancement in Microstructural characteristics and Mechanical Properties of A6082-based MMCs via Yttria Stabilized Zirconia Incorporation and T6 Heat Treatment,” European Chemical Bulletin, Vol.12, Special Issue 5, Pp: 1310-1320, Nov.2023. doi: [10.48047/ecb/2023.12.si5.123](https://doi.org/10.48047/ecb/2023.12.si5.123)



VISIT TO INDIA MANUFACTURING SHOW (IMS)



The department organized an Industrial Visit to India Manufacturing Show (IMS) on 3rd November 2023. This initiative aimed to provide students with first hand insights into the industry's operations, fostering opportunities for active learning experiences beyond the traditional classroom learning. 38 students from S7 actively participated in this visit. The purpose of the visit was to expose students to the industrial landscape and its workings. This visit was especially pertinent in instilling entrepreneurial spirit, given the significance of Micro, Small and Medium Enterprises (MSMEs), which contribute significantly, around 35%, to India's manufacturing output. There is a vision to further enhance MSMEs' contribution to over 50% of India's GDP. Dr. Prashant S. H. and Ms. Veena B. G. coordinated this event.

VISIT TO KGMSDC



The department organized an Industrial Visit to the Karnataka German Multi Skill Development Centre(KGMSDC) on 16th November 2023. The program aimed to familiarize students with specialized skills training programs aligned with industry needs in Karnataka and beyond, offered by KGMDc. 53 students from S7 actively participated in this visit. This Industrial Visit formed an integral part of our continuous efforts to expand co-curricular activities, thereby enhancing students' understanding of current technologies and the equipment utilized across diverse industries. This event was coordinated by Dr. G. Balakumar, Mr. Natraja M. and Mr. Madhu Kumar K.



TECHNICAL EVENTS ATTENDED

Name of the attendee	Title of the event	Organizers details	Dates
Dr. V. Shantha Dr. G. Balakumar Mr. Janardhana K. Dr. Hanamantraygouda M. B. Dr. Prashant S. H. Mr. Shivakumar S. Ms. Asha Rani A.	FDP on "Train the Trainer- Python for Beginners"	Dept. of MCA, Sir M. Visvesvaraya Institute of Technology. MBA Seminar Hall	06-11-2023 to 11-11-2023
Mr. Prashanth L. Mr. Kumar Swamy R.	FDP on "IMDM by Autodesk"	Atria Institute of Technology, Bengaluru	06-11-2023 to 08-11-2023
Dr. H. S. Yeshvantha	FDP on "Introduction to Practical Entrepreneurship Strategizing"	IIT Madras Virtual Mode	18-11-2023
Dr. Prashant S. H.	FDP on "Introduction to Industry 4.0 and Industrial Internet of things"	NPTEL Virtual Mode	10-07-2023 to 27-10-2023

BOOKS AUTHORED



Mr. Madhu Kumar K., Mr. S.C. Boobalan, Dr. G. Anand, Dr. N. Abilash, and Dr. G.V. Krishna Pradeep, "Smart Materials and its Applications", mCosmos Scientific Publications, 2023. ISBN 978-81-19359-60-8, DOI doi.org/10.5281/zenodo.8398478

OTHER NEWS

Alwar Berigai, an alumnus from the 2002-2006 batch, conducted an orientation session for the students who graduated in the academic years 2021-22 and 2022-23, offering internships to those in attendees.



DEPARTMENT OF COMPUTER APPLICATIONS

EVENTS ORGANIZED



TRAIN THE TRAINER – PYTHON FOR BEGINNERS



The Department of MCA organized a week-long Faculty Development Program titled "Train the Trainer – Python for Beginners", held from 6th November 2023 to 11th November 2023. The resource persons for this program were Dr. Ch. Vanipriya, Professor & Head, Ms. R. Latha, Associate Professor and Assistant Professors, Mr. B. Muthuramalingam, Ms. Vani Harave, Mr. Raghavendra Rao B. G., Mr. Vasantha S. and Ms. Sneha Bharti from the department. The primary objective of this Faculty Development Program (FDP) was to introduce the basics of Python programming to the beginners and highlight the significance of this programming language. This led to an enriched understanding of Python's functionalities, empowering them to effectively impart this most sought-after skill to the students. 40 faculty members from various non-Computer Science Departments actively participated in the program.



TECHNICAL EVENTS ATTENDED

Name of the attendee	Title of the event	Organizers details	Dates
Dr. Ch. Vanipriya	FDP on "SoC and FPGA Design (Intel India Education Conclave)"	Intel, India	03-11-2023 & 04-11-2023

NEW APPOINTMENT



Ms. Savita Bhaigond joined as Assistant Professor in the department on 29th November 2023. She has 3 years of teaching and 10 years of industry experience. Her areas of interest are C, C++ and Data Structures.

Ms. Savita Bhaigond
Asst. Professor

DEPARTMENT OF BUSINESS STUDIES

TECHNICAL EVENTS ATTENDED

Name of the attendee	Title of the event	Organizers details	Dates
Ms. Deepthi J. R. Ms. Srilakshmi Ms. Ashwini Ms. Vidhyashree Ms. Sheethal Ms. Priya Choudhary Ms. Swarnalatha Ms. Banishree Sukla	FDP on "Train the Trainer – Python for Beginners"	Dept. of MCA, Sir M. Visvesvaraya Institute of Technology	06-11-2023 to 11-11-2023

DEPARTMENT OF CHEMISTRY

PAPERS PUBLISHED

- Gadewar, M., **Prashanth, G.K.**, Babu, M.R., Dileep, M.S., Prashanth, P.A., Rao, S., Mahadevaswamy, M., Ghosh, M.K., Singh, N., Mandotra, S.K. and Chauhan, A., "Unlocking Nature's Potential: Green Synthesis of ZnO Nanoparticles and Their Multifaceted Applications-A Concise Overview." Journal of Saudi Chemical Society (2023): 101774.

PAPERS PRESENTED

- **G.K. Prashanth**, M. Mutthuraju, Srilatha Rao, A.S. Giresha, Manoj Gadewar, P.A. Prashanth, M. Mahadeva Swamy, B.M. Nagabhushana, Cultivating Eco-Friendly Nanomaterials: Mimosa Pudica-Enhanced Zinc Oxide Nanoparticles for Enhanced Health and Environmental Well-being, International conference on advanced materials, and fluid mechanics, BNM Institute of Technology, Bengaluru, 23rd and 24th November 2023.

STUDENT'S ACHIEVEMENTS

Mr. Varun M, 1st semester B.E (CSE) with USN: 1MV22CS177 has scored 100/100 in Applied Chemistry in the VTU examination.

>>> SPORTS NEWS



BASKETBALL TOURNAMENT

The basketball team of Sir MVIT participated in the VTU Bengaluru North Division Basketball Tournament held at SVCE on 27th and 28th November 2023. They secured the 3rd place in this tournament.

>>> ALUMNI VISITS

Roshan Joel Washington and Nithin Ravooru, alumni from the 2010-14 BT batch, visited the campus on November 17th, 2023, to facilitate the “#IamRemarkable” workshop for the students.



Olivia Kumar, passed out from the ECE branch, visited the campus on November 6th, 2023, as a part of the campus recruitment drive for Stratogent.

>>> KALAKAUSTUBHA NEWS

MONTHLY BHAJAN-AN INITIATIVE BY SUNAADA

Sunaada, the music club of our institution, organized the monthly bhajan program at the Sri Vidya Ganapati Temple on Monday, November 12th 2023.



>>> ALUMNI SPEAKS



MR. SUNDARAM KANTH

2001-2005 EEE

ASSOCIATE CONSULTANT, TATA CONSULTANCY SERVICES LIMITED, HYDERABAD

Sir M. Visvesvaraya Institute of Technology was established in 1986 and Electrical and Electronics engineering has become a widely popular branch in this reputed college. Ever since its establishment, there have been a lot of changes in the field of engineering education. Today, one can find Sir MVIT as a renowned top college with world-class facilities and resources to pursue their interest in any stream/branch. I started off with a passion for learning and experiencing new things in the college. Throughout my four-year journey, I encountered various challenges and achieved numerous milestones that I take pride in. Additionally, moments of defeat have significantly contributed to my personal growth, allowing me to gain a deeper understanding of the human experience. My journey started with a long list of dreams; it is a tale that speaks of the immense joy I have received from knowing that I have achieved something out of reach for so many others. It is one that scarred me in the process, but it taught me humility, patience and perseverance. With support of the faculty members and robust teaching infrastructure, I managed to find the self-doubt that lies dormant in the back of our heads, and channel it into knowledge driven motivation.

MS. GAGANA T. REDDY

2016-2020 ECE

GPU DESIGN VERIFICATION ENGINEER, INTEL CORPORATION



My decision to attend Sir MVIT stands out as the best choice of my life. The four years spent there was an incredible journey, filled with personal and academic growth. Sir MVIT provided a supportive environment that eased my transition into this new experience. I recall moments of uncertainty in continuing the course in my first semester, particularly during my first internals in Physics. However, a conversation with the faculty, teaching the subject transformed my outlook on engineering. This initial connection became a recurring source of support throughout my academic journey. In the third semester, as core subjects took center stage, I found myself challenged to put in the necessary effort. Fortunately, the outstanding faculty in the Electronics and Communication Engineering (ECE) department made learning enjoyable. Their interactive teaching style in both classes and labs created a comfortable space for asking questions and seeking guidance. The guidance I received from the faculty at MVIT played a crucial role in shaping my career aspirations. Encouraged by discussions on career opportunities in core ECE engineering, I decided to pursue a Masters in ECE with a specialization in VLSI. The labs, in particular, became a highlight of my academic experience, fueling my passion for the field. My academic journey reached new heights through collaborations with esteemed professors. Working with Prof. Phanindar Ravi on a technical paper about 5G technology and collaborating with Dr. Sasmita Mohapatra on my final year project, which later became a patent, were enriching experiences. In my final semester, the unwavering support and trust of the faculty fueled my determination to excel. Their belief in my potential to become the university topper became a reality, bringing immense joy and pride to the entire ECE department. I am profoundly grateful to MVIT for providing an environment that nurtured my academic and personal growth. My heartfelt thanks go to everyone who supported me throughout this transformative journey in college.

Editorial Board

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Prof. Rakesh S. G. *Principal*

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Dr. Rashmi K. V. *Assoc. Professor, Dept. of Biotechnology*

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