



VARTHA MANJARI

e-newsletter

SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY

VOLOUME: 01, ISSUE: 01

NOVEMBER 2022



"To give real service, you must add something which cannot be bought or measured with money"

~Sir M. Visvesvaraya

MESSAGES

SRI KRISHNADEVARAYA EDUCATIONAL TRUST

NO. 16, BALLARI ROAD, SADASHIVANAGAR, BENGALURU-560 080



Dr. A. C. CHANDRASHEKAR RAJU
PRESIDENT

Publishing of a monthly e-news letter to have the information from all the departments and the institution is a unique initiative.

I appreciate the efforts of the concerned staff and the Principal, Sir M. Visvesvaraya Institute of Technology in bringing out the e-news letter.



(Dr. A. C. CHANDRASHEKAR RAJU)
PRESIDENT

SRI KRISHNADEVARAYA EDUCATIONAL TRUST

NO. 16, BALLARI ROAD, SADASHIVANAGAR, BENGALURU-560 080



Sri K. V. SEKHAR RAJU
VICE PRESIDENT

It is indeed a great pleasure that Sir M. Visvesvaraya Institute of Technology, Bengaluru is bringing out a monthly e- news letter highlighting the academic, research and other activities of the Departments.

I would like to congratulate the Principal and concerned staff who are involved in this good initiative.



(K. V. SEKHAR RAJU)
VICE PRESIDENT

MESSAGES

SRI KRISHNADEVARAYA EDUCATIONAL TRUST

NO. 16, BALLARI ROAD, SADASHIVANAGAR, BENGALURU-560 080



Sri K. SYAMA RAJU

SECRETARY

I am happy to note that Sir M. Visvesvaraya Institute of Technology, has initiated publishing of a monthly e-news letter which will have the information from all the departments and the Institution.

I appreciate the efforts of the concerned staff and the Head of the Institution in bringing out the e-news letter.


(K. SYAMA RAJU)
SECRETARY

SRI KRISHNADEVARAYA EDUCATIONAL TRUST

NO. 16, BALLARI ROAD, SADASHIVANAGAR, BENGALURU-560 080



Sri M. VENKATARAMANA RAJU

TREASURER

I am very happy to know that Sir M. Visvesvaraya Institute of Technology, Bengaluru is publishing monthly e-news letter covering the news of academic, research and other activities of the Departments.

I take this opportunity to congratulate the Principal and concerned staff who are involved in this good initiative.


(M. VENKATARAMANA RAJU)
TREASURER

MESSAGES

SRI KRISHNADEVARAYA EDUCATIONAL TRUST

NO. 16, BALLARI ROAD, SADASHIVANAGAR, BENGALURU-560 080



Sri G. PRABHAKAR RAJU
CHAIRMAN, ACADEMIC COMMITTEE

I am glad to acknowledge that Sir M. Visvesvaraya Institute of Technology, Bengaluru is unleashing a monthly e-news letter which is a step forward in the direction of enlightening the academic, research and other activities of the students and staff.

I extend my heartiest cheers and good wishes to the Principal and concerned staff who are a part of this successful venture.


(G. PRABHAKAR RAJU)

CHAIRMAN, ACADEMIC COMMITTEE

SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY

BENGALURU



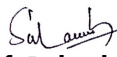
Prof. Rakesh S.G
PRINCIPAL

I am delighted that the idea of bringing out an e-newsletter we conceived less than a month ago has become a reality today! The credit goes to all the editorial committee members and the department coordinators who have put in their best efforts to collect the information and present it in the best possible way in a very short period. The enthusiasm shown by each one of them is commendable.

Through this e-newsletter, Varthamanjari, we intend to collect information at the department and institutional levels, such as activities conducted, student and faculty achievements, paper publications, research activities, and visitors' information etc., present it beautifully and share it with all the stakeholders. We expect this will boost competitiveness among the departments to be more active in all aspects and try to perform better than the other departments.

I hope every issue of Varthamanjari will be filled with information that every other institution should be envious of.

I am thankful to the Management for their support and wishes for this venture.


(Prof. Rakesh S.G.)
Principal



Charge handover

On Nov, 4th 2022, Prof. Rakesh S. G., took charge as Principal from the former Principal Dr. V. R. Manjunath, who served the Institute for five years, in the presence of the Academic Committee Chairman Sri Prabhakar Raju, the Manager, Sri KET, Sri Subramani Raju and Sri Babu Raju, Manager, Sir MVIT, who congratulated him on his assuming of office.



Prof. Rakesh S.G, completed his B.E. from R.V. College of Engineering, Bengaluru in 1989 and completed his M.E. with specialisation in 'Thermal Engineering' at Birla Institute of Technology, Mesra, Ranchi in 1993. After that, he completed his Ph.D. in 'Biomedical Applications of Shockwaves' from Birla Institute of Technology, Mesra, Ranchi, in 2009.

He has 33 years of rich teaching and research experience with reputed institutions like R.V. College of Engineering (1989), Bengaluru, Sir M. Visvesvaraya Institute of Technology (1990-2002), Bengaluru and Amrita School of Engineering (2002-2022), Bengaluru. Along with the teaching pursuit, he headed the academic administration at Amrita School of Engineering, Bengaluru, from 2009 to 2020. Before this, he worked in various capacities helping academic administration at Amrita School of Engineering, Bengaluru, since 2002.

MR. BABU RAJU HAS BEEN PROMOTED TO MANAGER ON 1-11-2022.

Mr. Babu Raju, who was serving as an Assistant Manager had been promoted to Manager on 1-11-2022. The Principal, faculty and staff congratulated him on his promotion.

PRINCIPAL'S MEETING WITH HODS'

The Principal, Prof. Rakesh S.G., met all the HODs on 4-11-2022 on account of assuming the charge. The Principal introduced himself and briefed the HODs about his life history with respect to education and his experiences in various aspects of his career as a Teacher and administrator. He expressed his desire to work together and sought cooperation from all the HODs, faculty and staff members. All the HODs introduced themselves and expressed their views with respect to intake, admissions, placements, research activities, funding etc.

PRINCIPAL'S MEETING WITH FACULTY

The Principal, Prof. Rakesh S.G., met all faculty members on 19-11-2022. The principal addressed all the faculty, introduced himself to them, and shared his journey in academics so far. He stated that different email addresses—hods@sirmvit.edu, faculty@sirmvit.edu, and so on—will be created to communicate with the concerned staff. It was announced that the e-newsletter would be published on the 15th of every month. He emphasised the significance of academic discipline. The principal announced the formation of Kala Kausthubha, which will be headed by Dr. S. K. Uma.

PRINCIPAL'S MEETING WITH STUDENTS

A Class Representative Meeting with the Principal was held on 08-11-2022 at 3 PM in CSE seminar Hall. The class representatives of II, III and IV, B.E. attended the meeting. The Principal interacted with all the students.

INTERNAL COMPLIANCE COMMITTEE

Internal Compliance Committee (ICC) & Student Welfare Committee (SWC) of Sir MVIT, in association with Million Minds Pvt Ltd, conducted a programme on "Personality Development and Personal Hygiene" on 14-11-2022.



INSTITUTE INNOVATION COUNCIL

Dr. CH. Vanipriya, HOD-MCA (President-IIC) and Dr. Sasmitha Mahopatra, Associate Professor- ECE (Convenor-IIC) visited Kendriya Vidyalaya School, Air Force Station, Yelahanka to support the Tinkering Lab activity held on the occasion of Children's Day on 14.11.2022.



DEPARTMENT OF BIOTECHNOLOGY

PAPERS PUBLISHED

NAME	PAPER PUBLISHED (Title)	DATE	NAME OF PUBLICATION /VOL/PAGES
H. G. Nagendra Jagadeesh Kumar D. Priya Narayan	Interactions of amyloid precursor protein intracellular domain (AICD) with copper and DNA fragment reveal conformational changes that trigger AD	November 2022	Current Topics in Peptide and Protein Research
L. Sampath Kumar V. Shantha P. Hariharan	Characterization and antimicrobial activity studies of calcite - zincate nanoparticles by green synthesis.	October 2022	International Journal of Innovative Research in Advanced Engineering (IJIRAE) ISSN: 2349-2163, October 2022, volume -9-Issue 10 https://www.ijirae.com/archives .
L. Sampath Kumar V. Shantha P. Hariharan	Precipitation Assisted Chemical Synthesis of Calcite-Zincate Nanoparticles for Antimicrobial Assay	November 2022	Advances in Natural Sciences: Nanoscience and Nanotechnology

Workshops / Seminars / Conferences Organized

NAME	TITLE	DATE	ORGANISER COLLABORATIVE / VENUE
Dr. Rashmi K. V. Dr. C. Rajendra Singh (Coordinators)	Interactions of amyloid precursor protein intracellular domain (AICD) with copper and DNA fragment reveal conformational changes that trigger AD	5-11-2022 to 3-11-2022 (5 Saturdays)	The Himalaya Wellness Company
Prof. Utpal S. Tatu Chairman, Department of Biochemistry, Indian Institute of Science, Bengaluru	Emerging Global Health Challenges and the Approach of One Health	15-10-2022	Department of Biotechnology
Dr. Pavithra Roychoudhury, Director of COVID-19 NGS Project, University of Washington, Seattle, USA	NAME OF THE EVENT: Guest Lecture on "Genome Sequencing of SARS-CoV and Monkey Pox Virus" by Dr Pavithra Roychoudhury, Director of COVID-19 Project, University of Washington, Seattle, USA	13-10-2022	Department of Biotechnology
Mr. Dayananda (Resource Person)	AICTE, VTU Activities	29-11-2022	Department of Biotechnology
Dr. U. V. Babu (Resource Person)	Expert Talk on Innovations and Entrepreneurial Opportunities in Phytopharmaceuticals	4-11-2022	Department of Biotechnology
Dr. Ankur Gautam (Resource Person)	Skill Development Through Merck Labs: Engage, Experience, Advance	4-11-2022	Department of Biotechnology

Workshops / Seminars / Conferences Attended

NAME	TITLE	NAME OF THE ORGANIZER	DATE	VENUE
Ms. Niveditha A	ICRAES-2022,	Department of Chemical Engg., MSRIT, Bengaluru.	13-14 Oct, 2022	MSRIT, Bengaluru.
Mr. Manjunath R	ICRAES-2022,	Department of Chemical Engg., MSRIT, Bengaluru.	13-14 Oct, 2022	MSRIT, Bengaluru.
Dr. Rashmi K. V.	5-day FDP-SI UHV Online - "AICTE Incorporating Universal Human Values in Education (An AICTE Initiative)".	AICTE	14-11-2022 to 18-11-2022	Online
Ms. Halima R.	APPLICATIONS AND RESEARCH OPPORTUNITIES IN 3D & 4D PRINTING	ATAL workshop DSCE, Bengaluru	10-10-2022 to 14-10-2022	Online

Department of Biotechnology conducted a Guest Lecture on “Genome Sequencing of SARS-CoV and Monkey Pox Virus” on 13-10-2022, by Dr. Pavithra Roychoudhury, Director of COVID-19 NGS Project, University of Washington, Seattle, USA. 35 students of 7S participated in the event.



“If you salute your duty, you no need to salute anybody, but if you pollute your duty, you have to salute everybody ”

— A.P.J. Abdul Kalam

Faculty Achievements/Participation/Recognition



- Dr. H. G. Nagendra, was Invited as a jury member for Diagnostics related Ideathon event at PES University on 26-11-2022.
- Dr. Sudevi Basu., completed NPTEL online course on "Entrepreneurship" by IIT Madras, (12-weekcourse, Jul - Oct 2022) with consolidated score of 85%, Top 2% Topper - Silver Medal.
- Dr. Rashmi K. V., won the "Young Scientist Award" for research presentation at the "3rd International Conference on Applications of Natural compounds, Nanomaterials, Oncolytics in Cancer Biology and Biotechnology (ICANNOCB-22)" organized by School of Life Sciences and Association of Cancer Education and Research (ACER), B.S. Abdur Rahman Crescent Institute of Science & Technology, Chennai, India in association with Purdue University, USA.
- Ms. A. Niveditha, became a member of Board of Examiners for the Academic Year 2022-23.
- Dr. Hariharan P. published a Book Titled "Hand book of Probiotics and Lantibiotics" with ISBN: 978-93-91342-64-7, by JPS publisher in November 2022.
- Ms. Halima R. completed a 4 weeks NPTEL course on Bioreactors (silver medal with 5%) and 8 weeks NPTEL course on Organ Printing (successfully completed with 58%) considered as 1 week FDP.
- Ms. A. Niveditha, became a member of Board of Examiners for the Academic Year 2022-23.
- Dr. Sudevi Basu, became a Life Member of Academic and Research Conclave, Coimbatore, Tamil Nadu with ID: ARC10289.

Forum / Club Activities

A Guest Lecture "AICTE VTU Activities", by Mr. Dayananda, Outreach Program Coordinator, Agasthya International Foundation, Bengaluru, was conducted on 29-11-2022. 62 students from all the semesters have participated in the event.



A Guest Lecture on "Innovations and Entrepreneurial Opportunities in Phytopharmaceuticals" by Dr. U.V. Babu, Head R&D and BRC, The Himalaya Drug Company was conducted on 04-11-2022. Number of participants took part was 65. Participants were the students from 3S and 5S.

A Guest Lecture on "Skill Development Through Merck Labs: Engage, Experience, Advance" by Dr. Ankur Gautam, Lab Services Manager, Merck High-End Skill Development Centre, CSIR-IMTech Chandigarh, and Merck Innovation Lab was conducted on 04-11-2022. Number of participants took part was 65. Participants were the students from 3S and 5S.



Students Achievements

Deepika Bhat (S7), presented the poster entitled "INSILCO STRUCTURAL PREDICTION AND FUNCTIONAL CHARACTERIZATION OF HUMAN POST SYNAPTIC PROTEOME AND ITS RELEVANCE IN NEUROLOGICAL DISEASES", Deepika Bhat (S7), Aashitha Shekar (S7), Jagdeesh Kumar D, Priya Narayan and H. G. Nagendra, at Molecular and Physiological Basis of Behavioural/Cognitive Defects in Neurodevelopmental disorders, EMBO Workshop from 31-10-2022 and 03-11-2022.

INDUSTRIAL VISITS

Industrial Visit to Biozeen



An industrial visit to Biozeen Company, Hennur Cross, Bengaluru was organized on 29-11-2022. The Outcomes of the event:

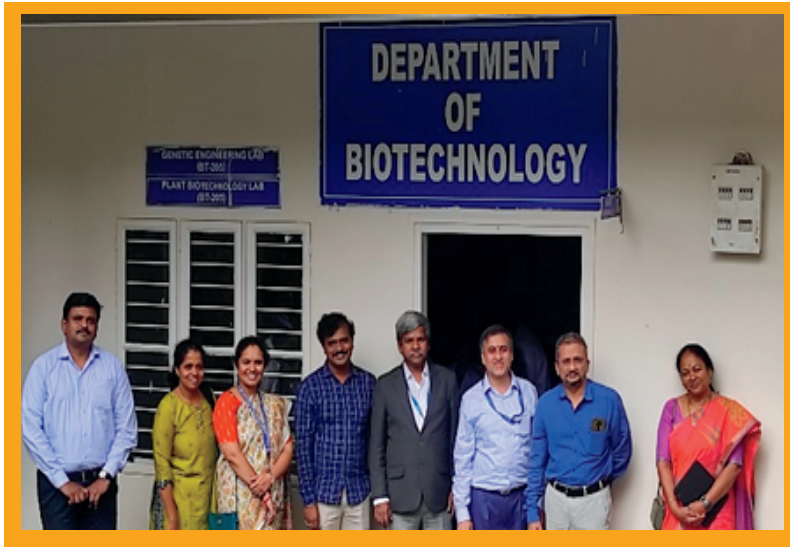
- Knowledge fermenter operations and downstream processing.
- Exploring conduction of collaborative student training programs.
- Networking for students internships and project activities.

Visit to Cattle Feed Plant KMF unit



A Visit to Cattle Feed Plant-KMF unit located at Rajanukunte, Karnataka for 3S BE Biotechnology students was organized on 31-11-2022.

Other News



Dr. U .V. Babu, Head R&D and BRC, The Himalaya Drug Company, Bengaluru along with Dr. Mohamad Rafique and Dr. Raghavendra P Rao, Senior Scientists from the R&D team of The Himalaya Drug Company visited the department on 4-11-2022 to discuss collaborative research opportunities with the team of faculty.

A Guest Lecture on “Emerging Global Health Challenges and the Approach of One Health” by Prof. Utpal S. Tatu, Chairman, Department of Biochemistry, Indian Institute of Science, Bengaluru was organized on 04-11-2022. Number of participants took part was 65. Participants were from 3S and 5S.



DEPARTMENT OF CIVIL ENGINEERING

Papers Published/Presented

NAME	TITLE	PUBLICATION/VOL/PAGE NUMBERS	DATE
Anitha. J, H. Ravi Kumar Pradeepa S, N. Tamil Selvi Ramya N.	Evaluation of Mechanical Behaviour of Concrete with Recycled Aggregate and Silica Fume.	Journal of Emerging Technologies and Innovative Research (JETIR), Volume 9, Issue 11, pp 335-340	November 2022
N. Tamil Selvi Anitha J. Pradeepa S H. Ravikumar Ramya N.	Sustainable Paver Block using Waste Plastic and Construction Demolition Waste.	Journal of Emerging Technologies and Innovative Research (JETIR), Volume 9, Issue 11, pp 740-745	November 2022

Workshops / Seminars / Conferences Organized



A Technical Lecture by Mr. Ashish, GIS Consulting Engineer at KMS Consultants and Developers, was conducted on 17-10-2022 for the students of 3S and 5S. 50 students participated in the talk.

A Technical talk by Dr. Jagadish H.B, Retired Scientist - E (Joint Director), CWPRS, PUNE, Dr. L R Ranganath, Retired Scientist-E (Joint Director), CWPRS, PUNE, Prof. K Raghupathi, Professor, Dept. of Civil Engg., Global Academy of Technology, Bengaluru, Sri R. D Manohar, Proprietor, M/s. R D Manohar, Consultants Bengaluru, Sri Thej Raj, President, FactR systems, LLC USA, was conducted on 22-11-2022 for 3S and 5S students. 50 students participated in the talk.



New Appointment

Mr. Sriram Mustapure was appointed as an Assistant Professor in the department of Civil Engineering, in the month of November 2022. He completed his Master of Engineering from Bangalore University under the specialization, Water Resources Engineering, in 2019 with Distinction. He has teaching experience of two years and industrial experience of two years, he has published four papers in International journal & six papers in National conference during the years 2015-2022.



"Hard work performed in a disciplined manner will in most cases keep the worker fit and also prolong his life"
— **Sir Mokshagundam Visvesvaraya**

Students Achievements

- Mr. Ajay K. A, S7 and Mr. Manjunath, 5S, Civil Department represented Sir MVIT Volleyball team in the "VTU Inter-Collegiate Volley Ball Men Tournament" held from 17-11-2022 to 22-11-2022, at SJCIT, Chikkaballapura.
- Mr. Akash M. Jadhav & Sharath J. P., 7S Civil Department. Students were part of the Sir MVIT hockey team. The Team won the Runners up Trophy in the "VTU Zonal Hockey Tournament" held at SJCIT, Chikkaballapura on 10-11-2022.
- Ms. Mahalakshmi and Ms. Jagruthi of 5S, Civil Engineering. participated in the 2-day Student Development Programme (SDP) on "Cyber Security and Ethical Hacking" by Mr. Ajinkya Lohakare which was organized by Dept. of MCA, Civil Engg. & Electrical & Electronics Engg. of Sir MVIT on 9-11-2022 & 10-11-2022.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Faculty Achievements

- Dr. Suma Swamy was appointed as BOE (CS/IS) member for the Academic Year 2022-2023 and attended the First BOE (CS/IS) meeting on 16-11-2022 at VTU, Belagavi.
- Dr. Suma Swamy was reviewer for ten research papers in the field of Machine Learning and Artificial Intelligence of the IEEE North Karnataka Subsection International Flagship Conference NKCon -2022.
- Dr. Suma Swamy was session chair of the IEEE North Karnataka Subsection International Flagship Conference NKCon -2022 on 21-11-2022.
- Dr. Savita Choudhary was reviewer for 9 papers in the IEEE Conference CISCT2022: 2nd International Conference on Innovative Sustainable Computational Technologies, Dehradun, India.
- Dr. Soumya Patil was a reviewer for IEEE North Karnataka Subsection Flagship International Conference-NKCON 2022, 19-11-2022.
- Dr. Soumya Patil was the Session Chair for IEEE North Karnataka Subsection Flagship International Conference-NKCON 2022, held on 21-11-2022.
- Dr. Soumya Patil was a reviewer for one of the manuscripts in the journal "Artificial Intelligence Review" (AIRE).

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Workshops / Seminars / Conferences Attended

NAME	TITLE	DATE	Name Of The Organizer/ Venue
Dr. R. Sundaraguru	Seminar on "International education awareness " by Nestlings.	29-11-2022	ECE Department/ Marconi Seminar Hall
Ms. P Shalini Ms. Vijayalakshmi S. Ms. Rajeshwari K. N. Mr. Shashibhushan G.	Awareness session on "Manufacturing of Electronic Assemblies for Industrial Needs"	24-11-2022	ECE Department/ Marconi Seminar Hall
Dr. Sasmita Mohapatra, Mr. R. Nataraja Ms. Seema S. Mr. Phanindar Ravi P Ms. Bhuvanewari N Ms. Sheetal Bagali	3-day National Level Student Development Program on "PCB Design and Fabrication Using Innovative Methods for Industrial Products"	8-11-2022 to 10-11-2022	ECE Department in collaboration with India Tech Keys/Marconi Seminar Hall, NB 307
Supriya V. G. Mr. Phanindar Ravi P. Ms. Sheetal Bagali	3-day Faculty Development Programme On "Design and Simulation of Electronic Circuits using Multisim and LabVIEW Programming".	17-10-2022 to 19-10-2022	ECE Department/ NB 210

Student Achievements

- Divya, Indu. Y.V, Vinuthra K, Sushma R, Varsha K. L, Shivani Kencharaddi, Sir MVIT women team members, secured 2nd RUNNERS UP in VTU Bengaluru division Intercollegiate Kabaddi Women Tournament held at APSCE, Bengaluru on 30th November and 1st December 2022 and Qualified for VTU State level Women Kabaddi Tournament, to be held at APSCE College, Kanakapura Road Bengaluru on 2-12-2022 and 3-12-2022.
- Rishav Kumar Singh of 7S, was a winner at Axiom 22, an Intra-College Debate Tournament conducted by Sir MVIT DEBSOC, held on 28-11-2022.

Industrial Visit



An Industrial visit was organised for 3S students to SCHNIDER-ELECTRIC Bengaluru, along with faculty, Mr. Shashibhushan G. and Ms. Rajeshwari K.N. on 23-11-2022. 30 students visited the industry.

Workshops/Seminars Conducted



The department conducted an awareness session on "Manufacturing of Electronic Assemblies for Industrial Needs" on 24-11-2022 for 3S students. The resource persons were Ms. Sriranjani Sunderesh, Sr. Manager- Supplier Technical Performance, Thales India Pvt. Ltd. and Dr. Morgana. Ribas, Director- R&D Materials, MacDermid Alpha Electronics Solutions. 40 students participated in this session.

A 3-day National Level Student Development Program for 3S on "PCB Design and Fabrication Using Innovative Methods for Industrial Products" was conducted from 8-11-2022 to 10-11-2022. 60 students took part in SDP.



3-day Faculty Development Program for faculty on "Design and Simulation of Electronic Circuits using Multisim and LabVIEW Programming" was held from 17-11-2022 to 19-11-2022. 20 faculty participated in FDP.

" To give real service, you must add something which cannot be bought or measured with money "
—Sir Mokshagundam Visvesvaraya

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

Papers Presented

NAME	TITLE OF THE PAPER PRESENTED	DATE	NAME OF EVENT/ PUBLICATION /ORGANISER/VENUE
Sreelakshmi Tadigotla	Integration of Cooja simulator with Python for RPL protocol	12-10-2022	5th National conference on networking, Embedded and Wireless systems (NEWS-2022) in association with IETE

Workshops / Seminars / Conferences Organized



The department of ECE organized a seminar on "Top 10 job skills of tomorrow and current trends in industry 4.0" on 25-11-2022.

Workshops / Seminars / Conferences Attended

NAME	TITLE	NAME OF THE ORGANIZER	DATE	VENUE
Ms. Anju K. Peter Ms. Sandhya B. S.	FDP on "Design and Simulation of Electronic Circuits Using MultiSim and LabVIEW Programming"	ECE Dept, SMVIT	17th -19th October 2022	Marconi Seminar Hall, ECE Department

Students Achievements

- Arun G. participated in selection trials volleyball, VTU College Sports activity on 17-11-2022 and 18-11-2022 held at SKIT, Bengaluru and has been selected for semi finals.
- Uday Kiran R. Karturi participated in selection trials of Basketball VTU College Sports activity on 30-11-2022 held at NMIT, Bengaluru.
- Bindhusri Dasari and Brunda T. A. participated in selection trials for Basketball VTU College Sports activity on 30-11-2022 held at APSCE, Bengaluru and have been selected for the finals.
- Abin Mathew, Arjun Kanthimath, Arun G. D. and Yaswanth Kumar accomplished stage 1 related INTEL Quartus Prime and Modalism and selected for stage 2 in eYantra Robotics Competition held by IIT, Bombay on 28-11-2022.

New Appointment

M.S. Sandhya B. S., B. E., M. Tech., (Ph.D.) has joined the institute on 12-10-2022 as an Assistant Professor in the Department. She has published two papers in International journals and one paper in a National Journal. She has presented a paper in International Conference. Sandhya has two Indian patents to her credit. Her research area of interest is Machine Learning in mobile communication networks.



SANDHYA B. S.

Other News

Department had organised internship programmes like photography and mini projects for 3S students and 10 participants took part in the programmes in the month of October, 2022.

"The way to build a nation is to build a good citizen. The majority of the citizens should be efficient, of good character and possess a reasonable high sense of duty"
— Sir Mokshagundam Visvesvaraya

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Papers Presented/Published

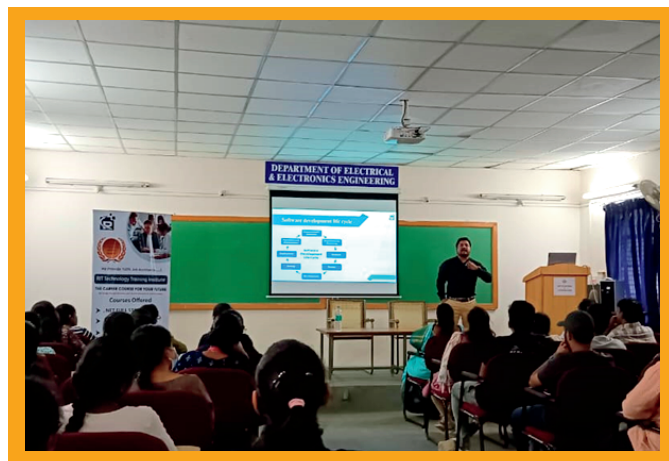
NAME	TITLE OF THE PAPER PRESENTED / PUBLISHED	DATE	NAME OF THE EVENT/ PUBLICATION /ORGANISER/VENUE
H. L. Suresh	"Design and planning of a standalone solar charging stations at work place."	28-10-2022	XIX Control Instrumentation system conference CISCON-2022, MIT, Manipal, Springer.
H. L. Suresh	"EVS integrated with smart grid -Technologies and challenges."	28-10-2022	XIX Control Instrumentation system conference CISCON-2022, MIT, Manipal, Springer.
R. Sivapriyan Sakshi N. C .V. Mohan Lavan Raj	Comprehensive Review on State of Charge Estimation in Battery Management System.	November 2022	Scopus Indexed - SSRG - International Journal of Engineering Trends and Technology (IJETT), Volume 70, Issue 7, Pages 169-179.

Workshops/Seminars Conducted



A workshop on "MATLAB DAY" was conducted for the students of all semesters from 2-11-2022 to 4-11-2022, in association with MATHWORKS and CoreEL Technologies.

A seminar on "Career course guidance for your Future" on 18-11-2022, in association with RIT Technology Training Institute, Bengaluru was held for 5S students. Around 90 students attended.



A Three week mandatory Intra Institutional Internship on "Solar Energy Connected Activities that help common Man" was conducted from 11-10-2022 to 30-10-2022 by Dr. H. L. Suresh, Dr. M. S. Suresh and Dr. V. Parthasarathy for S1 students.

Faculty Achievements

- Dr. C. V. Mohan has been appointed as a member of Board of Studies in Electrical Engineering by VTU during the Academic year 2022-2023.
- Dr. M. S. Suresh has been appointed as Chief Timetable Officer for the Engineering college.
- Dr. R. Sivapriyan received NPTEL Online Certificate for successfully completing the course CONSUMER PSYCHOLOGY with a consolidated score of 80% - Elite category with silver medal.
- Dr. R. Sivapriyan, received NPTEL Online Certificate for successfully completing the course ENTREPRENEURSHIP with a consolidated score of 83% and silver medal in this course with Elite category. He stood in top position.
- Dr. R. Sivapriyan, received NPTEL Online Certificate for successfully completing the course "THE PSYCHOLOGY OF LANGUAGE" with a consolidated score of 84% and silver medal in this course with Elite category.

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Papers Presented

NAME	TITLE OF THE PAPER PRESENTED	DATE	NAME OF EVENT/ PUBLICATION, /ORGANISER/VENUE
Vanipriya Ch.	Communication Induced Checkpointing based Fault Tolerance Mechanism-A review and CIAC-FTM Framework in IOT environment	04-11- 2022	3rd IEEE International Conference on Computing Communication & Intelligent Systems ICCIS-2022, Sharada University

Workshops / Seminars / Conferences Organized

- A seminar on "Insight of Cloud AWS" was conducted for the students of all semesters on 4-11-2022 by Dr. S. N. Sheshappa at ISE seminar hall.
- A seminar on "Career Opportunities in the field of Artificial Intelligence" was conducted for the students of all semesters on 18-11-2022 at ISE seminar hall by Dr. S. N. Sheshappa.

Paper Published

NAME	TITLE OF THE PAPER PRESENTED	DATE	NAME OF EVENT/ PUBLICATION /ORGANISER/VENUE
P. Vijayakarthish	Experimental Analysis of Human Behavior Monitoring System using Gaze Shift Principles and Bayesian Image Foraging Logic" Proceedings of the IEEE Third International Conference on Electronics and Sustainable Communication Systems (ICESC 2022) Published in IEEE Explorer in Nov -2022 (Scopus Indexed)	15-11-2022	IEEE Third International Conference on Electronics and Sustainable Communication Systems (ICESC 2022)

Workshops / Seminars / Conferences Attended

NAME	TITLE	NAME OF THE ORGANIZER	DATE	VENUE
Dr. P. Vijayakarthish	Industry Seminar on AI	KIMO, Netherlands	5-11-2022	Bengaluru

Faculty Achievements

- Dr. P. Vijayakarthish has been honoured as a Member in Academic Advisory committee in Dr. T. Thimmaiah Institute of Technology, Kolar Gold Fields since 2019 to till date.
- Dr. P. Vijayakarthish has been honoured as a Doctoral Committee Member in Pondicherry Central University and Bharathiyar University, Coimbatore, Tamil Nadu.

Other News

- Mr. Goutham Kondapani, 5S student, has secured the second place at VTU zonal Level held at SJCIT on 10-11-2022.
- Mr. Pushkaran 5S has represented the VTU Volley ball Tournament from the Department.

Club activities

Team Tech-Hub carried out the recruitment drive for the working team, for the year 2022-23. Applications from 3rd year and 2nd year students were invited. People were selected based on their technical knowledge, creativity, speaking skills etc. The newly recruited members will be handling the events to be conducted in the coming year.



Students Achievements



- Aman Prasad of 5S has cleared the Google Summer of Code (GSOC) 2022 under the organisation CCEXTRACTOR. He worked on a project - URL shortener.
- Srisha and Sumit of 3S won quiz competition held during the workshop on "Cyber Security and Ethical Hacking" on 9-11-2022 and 10-11-2022.

DEPARTMENT OF MECHANICAL ENGINEERING

Papers published/Presented

NAME	TITLE OF THE PAPER PRESENTED	DATE	ORGANISER/ VENUE
Sampath Kumar L. V. Shantha	Precipitation Assisted Chemical Synthesis of Calcite-Zincate Nanoparticles for Antimicrobial Assay.	25-11-2022	Advances in Natural Sciences: Nan science and Nanotechnology (ANSN) Manuscript ID : ANSN-2022-0198.R1
Sampath Kumar L. V. Shantha	Characterization and Antimicrobial Activity Studies of Calcite-Zincate Nanoparticles by Green Synthesis.	October 2022	International Journal of Innovative Research in Advanced Engineering (IJRAE) ISSN:2349-2163 Volume 9, Issue 10

Workshops / Seminars / Conferences Attended

NAME	TITLE	NAME OF THE ORGANIZER	DATE	VENUE
Mr. Sampath Kumar L.	INUP Advanced Training Program on Nanofabrication and Characterization Techniques.	IISc, Bengaluru	15th to 25th November 2022	IISc, Bengaluru
Ms. Asha Rani A.	Sustainability and Development Awareness and Cyber security.	International Society for Development and Sustainability (ISDS)	24-11-2022	Online seminar

Workshops / Seminars / Conferences Organized



A workshop with Hands-on-session on “Python Programming with applications and solutions” was organized on 18-11-2022 by Mr. Mohan, Aqmenz Automation Private Limited at Mechanical Seminar Hall.

Other News:

- An Industrial Visit was arranged to Karnataka German Technical Training Institute (KGTTI) on 22-11-2022 for 7S Students.
- A Visit to Krishimela-2022 on 5-11-2022 for 3S students, was arranged as a Part of social Connect and Responsibility.
- An Industrial Visit was organized to “Government Tool Room and Training Center” (GTTC) Rajaji Nagar on 14-10-2022 for 3S Students, as a part of the Internship.

DEPARTMENT OF CHEMISTRY

Workshops / Seminars / Conferences Attended

NAME	TITLE	NAME OF THE ORGANIZER	DATE	VENUE
Dr. G. M. Krishnaiah Mr. H. M. Satyananda Dr. G. K. Prashanth Ms. D. Kavya	One day FDP for VTU affiliated college teachers on revised Chemistry syllabus - 2022	JSSATE, Bengaluru in association with VTU, Belagavi	24-11- 2022	JSSATE, Bengaluru

DEPARTMENT OF PHYSICS

Workshops / Seminars / Conferences Attended

NAME	TITLE	NAME OF THE ORGANIZER	DATE	VENUE
Mr. Sasikumar N Ms. Purnimaa S. Dixit	One Day Faculty Orientation Program for VTU Affiliated College Teachers on Revised Physics Syllabus.	VTU and BMSCE	24-11- 2022	BMSCE, Bengaluru.

DEPARTMENT OF MATHEMATICS

Workshops / Seminars / Conferences Attended

NAME	TITLE	NAME OF THE ORGANIZER	DATE	VENUE
Dr. S. K. Uma Ms. S. Uma	Revised Mathematics Syllabus-2022	BMS college of Engineering	24-11- 2022	BMS college of Engineering, Bengaluru.

Papers Presented

NAME	TITLE	DATE	NAME OF EVENT / PUBLICATION / ORGANISER/VENUE
Shuba R. N.	MHD and cross - Diffusion fluid flow for free convection of Casson fluid due to a stretching cylinder.	24-11- 2022 & 25-11-2022	Rammaiah Institute of Technology, Bengaluru.

Staff Achievements



Dr. S. K. Uma, H.O.D, Dept. of Mathematics was invited as a resource person for 5-day FDP on "Recent Advances in Applied Sciences", which was conducted from 14-11-2022 to 18-11-2022, organized by Department of Basic science at SJB Institute of Technology, Bengaluru.

DEPARTMENT OF MBA

Papers Presented

NAME	TITLE OF THE PAPER PRESENTED	DATE	NAME OF EVENT/ PUBLICATION /ORGANISER/VENUE
Sheethal C. Swarnalatha M.	Locational Dynamics of Real Estate Marketing and Real Estate war in Cyber space.	25-11-2022	International Conference on Transforming Business Practices Through Disruptive Technologies at NMIT.
Srilakshmi Venkata Rao	Significance of Social Media in HR.	19-10-2022	International Conference on Management & Data Analytics (Icomda 2022) at CMR University.
Priya Choudhary Deepthi J. R.	Strategic Framework Integrated with Artificial Intelligence for "Rural Rice Cultivating Farmers" with special reference to Buxar, Bihar.	25-11-2022	International Conference on "Transforming Business Practices Through Disruptive Technologies" at NMIT.

Workshops / Seminars / Conferences Attended

NAME	TITLE	NAME OF THE ORGANIZER	DATE	VENUE
Ms. Priya Choudhary Dr. Priyanka Sharma Deepthi J. R.	A 5-day FDP on "Research Publication and Ethics"	Nitte Meenakshi Institute of Technology, Bengaluru.	16-11-2022 to 20-11-2022	Virtual
Ms. Ashwini A.	National Education Policy 2020 And Its Impact on Management Education	Nitte Meenakshi Institute of Technology, Bengaluru.	14-11-2022	NMIT, Bengaluru

Forum / Club Activities



FINNACC Forum Activities were conducted for MBA 3S students on 29-11-2022. The activity was very helpful for enhancing students' knowledge regarding various finance aspects. 15 Students took part in the activity.

DEPARTMENT OF MCA

Workshops / Seminars / Conferences Attended

NAME	TITLE	NAME OF THE ORGANIZER	DATE	VENUE
Mr. Raghavendra Rao B.G. Ms. Vani Harave Ms. Sneha Bharti Mr. Vasantha S.	"International Seminar on Challenges & Opportunities in Research Publications".	NMIT, Bengaluru.	17-10-2022	NMIT, Bengaluru
Ms. Sneha Bharti Ms. Vani Harave	Healthcare event on "EMS and TENS Therapy".	Department of Computer Science and Engineering, Sir MVIT.	21-10-2022	CSE seminar hall, Sir MVIT, Bengaluru

Workshops / Seminars / Conferences Organized



Departments of EEE, CV and MCA jointly organized a workshop on 9-11-2022 and 10-11-2022. Around 80 students from 5S, 3S took part in the workshop.

Workshops / Seminars / Conferences Attended



Dr. Ch. Vanipriya, H.O.D, MCA attended 'One day - Conclave of MCA Heads Karnataka 2022' at NMIT, Bengaluru. The theme of the Conclave was to address the 'Industry Institute Interaction' to bridge the gap for MCA students Placements, Internships, Design and execution of industry-oriented curriculum and Panel discussion for strengthening the MCA course in the Karnataka State.

TRAINING AND PLACEMENT CELL

PLACEMENT ACTIVITIES: AT A GLANCE!

- During the reporting period, a total of 13 companies conducted campus interview for our students from all the branches.
- The highest package was by Kick Drum Technology INDIA pvt ltd with 1486000/- per annum, followed by target corporation with compensation package of 1284000/-
- The most memorable achievement was the campus drive by Lam research company for mechanical students and the company selected 03 mechanical students with package of 1135971/- per annum. L&T infotech selected 54 students and Herman international selected 18 students with a package of 700000/- per annum.
- Another unique feature was the selection of 10 students by Target Corporation and all were girls.

"WE KEEP MARCHING FORWARD WITH A VISION TO MOVE FROM BETTER TO BEST TO EXCELLENT AND BEYOND"

DEPARTMENT OF SPORTS

- Ananya B (5S), Kota Madhu Latha (3S), Ramya T. S. (3S), Kota Rishetha (3S), Sushma Ranjini M.S. (3S), Chess women team Runners in VTU Bengaluru Division tournament held at Vemana IT, Bengaluru on 1-12-2022 and 2-12-2022, and qualified for Stata level Chess competition, to be held at NMAMIT, NITTE on 5-12-2022 and 6-12-2022.



- Divya, Indu Y.V., Vinuthra K., Sushma R., Varsha K. L. and Shivani Kencharaddi of 3S, Sir MVIT women team members secured 2nd RUNNERS UP in VTU Bengaluru division Intercollegiate Kabaddi Women Tournament held at APSCE, Bengaluru on 30-11-2022 and 1-12-2022 and qualified for VTU State level Women Kabaddi Tournament, to be held at APSCE College, Kanakapura Road, Bengaluru on 2-12-2022 and 3-12-2022.



"Sports serve society by providing vivid examples of excellence." –George F. Will

- Hockey Men team, Runners of VTU Bengaluru Division Hockey tournament, held at SJCIT, Chikkaballapura on 10-11-2022 and the team qualified for Stata level Hockey Men tournament to be held at BITM, Bellari on 6-12-2022 and 7-12-2022 .



ALUMNI CORNER



Our best wishes for her bright future

Conratulations!

Sir MVIT Heartily Congratulate
Ms. Pavithra Gowda
Our Alumni of 2014-18 batch,
from the Dept. of Biotechnology,
for **Securing the 10th Rank** in
Karnataka Administrative Service
(KAS) Exams -2022

Indian Army initiates Ladakh Ignited Minds project

- Indian Army has initiated project **Ladakh Ignited Minds: A Centre of Excellence and Wellness**, to provide better educational opportunities for Ladakhi students.
- On behalf of Indian Army, Fire and Fury Corps has signed MoUs with Hindustan Petroleum Corporation Limited and National Integrity and Educational Development Organization (NIEDO).
- Aim: Providing better training facilities to disadvantaged students to give them opportunity to study in niche educational institutes.

Rumana Sinha Sehgal bags 'Nelson Mandela World Humanitarian Award 2021'



- Rumana Sinha Sehgal has bagged the prestigious 'Nelson Mandela World Humanitarian Award 2021' by the Diplomatic Mission Global Peace.
- She is also the recipient of the **Nationwide Award -under 50- Business Leader 2021** for social entrepreneurship by Business Mint.
- She also received the 'International Influencer of the year 2021' in January 2021.
- She was also crowned the 'Mrs Universe Successful 2018'.

- Rumana Singhal (ISE-Alumnus) is a Founder- Serindipity, Mentor of Change-NITI Aayog-Govt. of India, MentoreT-hub, Karmaveer Chakra (Instd. by UN & iCongo) Awardee , TEDx Speaker. She was the Nelson Mandela World Humanitarian Awardee in the year 2021. This has been Included in the CDS - Combined Defence Services Examination - question bank & study material.
- Dr. Prashanth Makaram (ME Alumnus), is the CEO & founder of Crocus Lab. Crocus Labs closed a seven-figure seed investment round to build energy efficient lights designed for horticulture.
<https://www.htgf.de/en/htgf-financing-crocus-labs/>

Revolution in EV-making



RANJITA RAVI
CO-FOUNDER
ORXA ENERGIES
Ravi co-founded Orxa Energies with the ambition to revolutionize the electric vehicle scene, and to build electric motorcycles and energy systems. Besides the electric bike named Mantis, the startup has built high-performance battery packs that are conceptualized, tested, and validated and created fully in-house.

Ranjita Ravi (BT-Alumna) Featured in the article "The Women Building and shaping India " in MINT news paper.

- Shashank Rao (2006-2010) of Biotech Department completed his PhD from Louisiana University, USA.

I THINK THE SUCCESS OF ANY SCHOOL CAN BE MEASURED BY THE CONTRIBUTION THE ALUMNI MAKE TO OUR NATIONAL LIFE.
-JOHN F. KENNEDY

ALUMNI SPEAK

"My time at Sir MVIT was one of the best phases of my life. The foundation of my personality was moulded and crafted through the myriad opportunities that the cultural forum of Susamskrithi provided. The dotting professors and the considerate support staff ensured that the river of knowledge never ran dry. The four years gradually transitioned from adjustment to improvement and from improvement to accomplishment. I had the honour of representing Visvesvaraya Technological University (VTU) at the All India inter University championships- this was a first for VTU. Winning the gold for debate at the national level and bronze for mimicry at the south zone level were indeed the most cherished moments of my stint at Sir MVIT. I am forever grateful for the significant contribution that this institution has made in my life."



Mr. Ashutosh Dikshit
CxO Advocacy and Executive,
Briefing Program Leader at
AWS EMEA (CSE 2000-2004)



Mr. Sridhar Govardhan
Senior Director and Head
of Information Security at
Flipkart (CV 2000-2004)

"My four years at MVIT have been an excellent memory to cherish for a lifetime. The time spent has been full of learning opportunities. The relationship between the students and faculty members is more like that of friends. The teaching faculty is fantastically knowledgeable. They have pushed me all the way to succeed in my career. I have learned from amazing teachers and mentors. I have been influenced by the style which they carved in me - believing in yourself is the lynchpin of exceptional leadership. I loved the freedom that college gave me, which prepared me to face the real world and be an independent achiever. The college also has a wonderful track record of organizing various industrial visits, guest lectures, and conferences which gave the industry exposure and a practical sense to various things. The college provided an adequate ecosystem with the best-in-class facilities - hostel, library, laboratory, sports arena to name few and many extra-curricular and co-curricular activities"

SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY



Training & Placement Cell Sir MVIT Rocking In Placement!



Companies Offering Package

> ₹10Lakhs/annum

amazon.com •₹14.98 lakhs	DE Shaw & Co •₹14.70 lakhs
Morgan Stanley •₹13.80 lakhs	CISCO •₹10.77 lakhs



THOMSON REUTERS

South India Level Records in
Placements @Sir MVIT for the past 4 years

₹4.5 - ₹10Lakhs / Annum



ABOVE 11 LAKH PER ANNUM

- Kick drum: 1486000/-
- Target inc: 1284000/-
- Amadeus lab: 1177164/-
- Lam research: 1135971/-
- Tally solution: 1130000/-
- Pega system: 1105965/-

30 LAKHS AND ABOVE:

MEDIA.NET

< ₹4.5Lakhs / Annum



PROF S H KHAN

-M. Sc, MBA, SDHRM, PGDPM & IR

**Director
Training and Placement**

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