



FAREWELL
Class of 2023



Varthamanjari

e-Newsletter



VOL.01, ISSUE 07, MAY 2023

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.



"Engineering is not just about building bridges and designing machines; it's about transforming ideas into reality. As we bid farewell to our beloved students, let us remind you that our time here has equipped you with the knowledge, skills, and determination to shape a better future. May your paths be filled with endless possibilities, and may you continue to engineer the world with innovation and passion. Farewell, dear students of class 2023, carry the legacy in your hearts and embark on new horizons to leave your mark upon the world."

CONTENTS



Farewell Day

27th May 2023, Pg. No. 1



BT - Final Year Project Exhibition

13th May 2023, Pg. No. 3



Civil - Final Year Project Exhibition

13th May 2023, Pg. No. 5



CSE - Final Year Project Exhibition

13th May 2023, Pg. No. 8



ECE - Final Year Project Exhibition

13th May 2023, Pg. No. 10



Team "Electrimo 2.0" Awards

25th - 28th May 2023, Pg. No. 12



ETE - Final Year Project Exhibition

13th May 2023, Pg. No. 13



ME - Final Year Project Exhibition

13th May 2023, Pg. No. 17



SDP on "Business Statistics Using SPSS"

16th - 18th May 2023, Pg. No. 18

INSTITUTIONAL HIGHLIGHTS

Farewell Day



The farewell day for the 2022-23 graduating batch was organized on 27th May 2023 at the college auditorium. Sri K.V. Sekhar Raju, Vice-President of Sri KET, and Sri M. Venkataramana Raju, Treasurer of Sri KET, graced the occasion. The Engineer's oath was administered to the graduating students by Prof. Rakesh S.G., Principal, Sir MVIT. On this occasion, all the heads of the departments conveyed their best wishes to all the graduands. Graduation certificates were distributed to the graduands by the Trustees, Principal, and the respective Heads of the Department.

Institution's Innovation Council (IIC)



Institution's Innovation Council (IIC) organized a one-day workshop on "Design and Development of Industrial Automation Process" on 12th May 2023. 45 students of S6 participated in the workshop. Dr. V. Shantha, Dr. G. Balakumar and Ms. Asha Rani A. coordinated the event.

IQAC Workshop



Internal Quality Assurance Cell (IQAC) organized a one-day workshop on "Quality Education in the Tech Era" on 2nd May 2023. Dr. Kalpana Gopalan, IAS, Additional Chief Secretary to Government, Government of Karnataka was the Chief Guest. 55 faculty members across all the departments participated in the workshop. Dr. Ch. Vanipriya and Dr. Rashmi K. V. coordinated the workshop.

DEPARTMENT OF BIOTECHNOLOGY

Papers Published

NAME	TITLE OF THE PAPER	DATE	NAME OF THE JOURNAL/VOL/PAGES
Halima R.	Nano-Enzymatic Hydrolysis and Fermentation of Waste Starch Sources for Bioethanol Production: An Optimization Study	May 2023	Journal of Mines, Metals and Fuels, Vol. 71, No. 1, pp. 439-445

Workshops/Seminars/FDPs/Conferences attended

NAME	TITLE	NAME OF THE ORGANIZER	DATE	VENUE
A. Niveditha	Optimization in Chemical Engineering	NPTEL, IIT Kharagpur	Jan-April 2023	Virtual Mode
A. Niveditha	Biological Process Design for Waste Water Treatment	NPTEL, IIT Roorkee	Feb-April 2023	Virtual Mode
A. Niveditha	One-week FDP on "Computational modelling and Statistical Analysis"	Department of Biotechnology, BMSCE, Bengaluru	17-04-2023 to 21-04-2023	Virtual Mode
Halima R.	Nanotechnology in Agriculture	NPTEL, IIT Kanpur	Feb-April 2023	Virtual Mode
Halima R.	International Webinar Series on "Current Advancements and Trends in Food and Biotechnology"	Jointly organized by Ramaiah Institute of Technology (RIT) and Karpagam Academy of Higher Education (KAHE)	29-03-2023 to 02-04-2023	Virtual Mode
Halima R.	Smart Materials and Systems	AICTE-VTU Joint Training Program	29-05-2023 to 02-06-2023	Virtual Mode

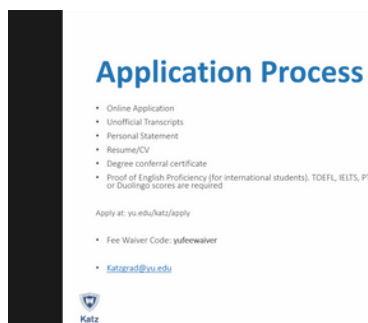
Students' Achievements

- Students of S8, Mahalakshmi (1MV19BT014) and Smriti Hunsigi (1MV19BT024) won First Prize for the project entitled "In Silico Interaction Studies of Human Defensins Peptides Against Bacteria and Virus" during the Annual Project Presentation Competition held on 13th May 2023. This project was carried out under the guidance of Dr. Jagadeesh Kumar D.
- Students of S8, Thejashree M. (1MV19BT027), Trisha C. (1MV19BT028) won Second Prize for the project entitled "Identification of Common Molecular Pathways and Drug Targets Shared between Alzheimer's and Parkinson's Diseases" during the Annual Project Presentation Competition held on 13th May 2023. This project was carried out under the guidance of Dr. Jagadeesh Kumar D.

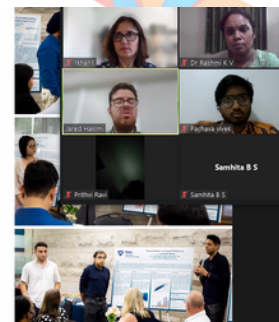
Workshops/Seminars/Conferences organized



The department had organized a popular alumnus talk on "Successful Careers in Clinical Research" by Priyanka Desirazu (2014 Graduated Bacth), Clinical Research Coordinator-IV, Cincinnati Children's Hospital Medical Center, USA, on 4th May 2023. 48 students of S6 and S4 attended the session.



The department had organized a webinar on "Higher Studies & Career Options in Biotechnology Management & Entrepreneurship" by Dr. Rana Khan Director, MS Biotechnology Management & Entrepreneurship Program Yeshiva University, NY, USA, on 31st May 2023. 25 students of S6 attended the session.



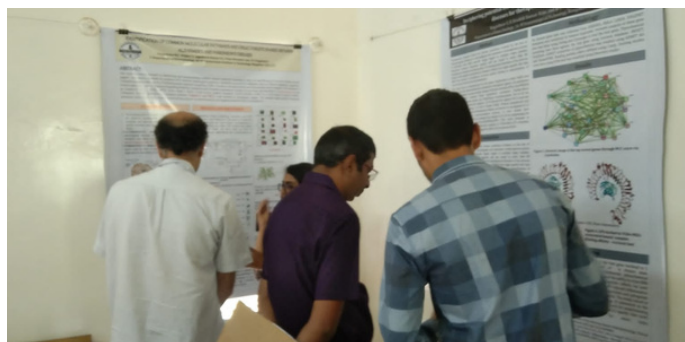
A commemorative guest lecture on "World No Tobacco Day" was organized on 31st May 2023. Dr. Radhika M.B., and Dr. Soumya Markala from the Dept. of Oral Pathology, KCDS were the resource persons. 25 students of S6 attended the session.



An awareness session on "Common Medical Emergencies" was organized on 18th May 2023. Dr. Chetan Kandhari, Senior Registrar, Cytecure Hospitals, Bengaluru was the resource person. 27 students of S6 attended the session.



The department had organized the annual Final Year Project Presentation Competition on 13th May 2023. Experts from industry evaluated these projects and awards were given to the best projects.



The department had organized the Program Assessment Committee meeting and the Stake holders meeting on 13th May 2023. Experts from industry, several alumni and parents participated in the meeting.



A social outreach activity on "Innovative Projects Demonstrations related to Food Science & Nutrition" for biology teachers of Agastya International Foundation was organized on 17th May 2023. 35 rural school teachers from different parts of Tamilnadu participated in this event. Students of S6 demonstrated several innovative projects at different labs of the department.

DEPARTMENT OF CIVIL ENGINEERING

Workshops/Seminars/Conferences attended

NAME	TITLE	NAME OF THE ORGANIZER	DATE	VENUE
Anitha J.	One-week AICTE - VTU Training Programme on Robotics & Artificial Intelligence	AICTE - VTU	24-04-2023 to 28-04-2023	Virtual Mode
Anitha J.	Webinar on AI Tools	be10X	07-05-2023	Virtual Mode
Tamil Selvi N.	One-week AICTE - VTU Training Programme on Introduction to cyber security	AICTE - VTU	22-05-2023 to 26-05-2023	Virtual Mode
Pradeepa S.	FDP on Smart material Systems	VTU	29-05-2023 to 02-06-2023	Virtual Mode

Workshops/Seminars/Conferences organized



The department had organized a guest lecture on "Rock & Mineral Resources" for the course on Conservation of Natural Resources by Dr. Shivanna S., Associate Professor, Department of Civil Engineering, Sir MVIT Bengaluru on 31st May 2023. 50 students of S6 participated in the session.



The department had organized the annual Final Year Project Presentation Competition on 13th May 2023. Dr. Latha M. S., Professor, Department of Civil Engineering, SVCE, Bengaluru and Mr. Sanjay Raj, Associate Professor, Department of Civil Engineering, Reva University, Bengaluru were the jury members. 40 students of S8 participated in the event.

Other News

National Board of Accreditation (NBA) peer team visited the department for assessment during 12-14 May 2023.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Papers Published

NAME	TITLE OF THE PAPER	DATE	NAME OF THE JOURNAL/VOL/PAGES
T. N. Anitha Monika S. Pruthvi R. Pruthvika S. Shiva Sharanya S.	Pneumonia Detection using various neural network algorithms	April 2023	Journal of Emerging Technologies and Innovative Research, Vol. 10, No.4, pp.1159-1162
T. N. Anitha Anushka Aman Gaurav V. Salgaonkar Jyotsna A. Patel Kunal Tapse	Crop Yield Prediction Using Machine Learning	May 2023	Journal of Emerging Technologies and Innovative Research, Vol. 10, No.5, pp.b435-b439
Suma Swamy Indu J. A. Amaan Ahmed Prajwal Kumar Serene Joshi	Smart AI - based Traffic Control System	May 2023	Journal of Emerging Technologies and Innovative Research, Vol. 10, No.5, pp.378-382
Suma Swamy Apurva Sinha Gaurav Kumar Laishram Yaimaran Khuman	Breast Cancer Detection using Machine Learning	May 2023	International Journal for Research in Applied Science & Engineering Technology, Vol.11, No.5, pp. 2868-2871
Soumya Patil Sumit Jha Satyam Shree Shauryam Jain	Video Image Captioning	May 2023	Journal of Emerging Technologies and Innovative Research, Vol.10, No.5, pp. 646-651
Soumya Patil Kavya N. Aysiri Chidananda Kavita Basappa Melmari	Security assessment for an application using a spam filter and a pattern classifier	April 2023	Journal of Emerging Technologies and Innovative Research, Vol.10, No.5, pp. 646-651 pp.1542-1548

New Appointments

Mr. Chikka Krishnappa T. K. joined as Assistant Professor in the department on 13th May 2023.



Papers Presented

NAME	TITLE OF THE PAPER	DATE	NAME OF THE CONFERENCE
Suma Swamy	Online Monitoring of a Plant inside Green House using Edge Computing and Internet of Things Technology	09-05-2023	3rd International Conference on Intelligent Systems, Cognitive Science and Knowledge Engineering-ICKE2023/JOAASR/Department of CS and IT, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
Suma Swamy	Sarcasm Detection and Challenges	09-05-2023	3rd International Conference on Intelligent Systems, Cognitive Science and Knowledge Engineering-ICKE2023/JOAASR/Department of CS and IT, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
Savita Choudhary Hitesh A. Amith G. Chanan H.S. Upugandla Manoj kumar	Analysis of Fake News Using Machine Learning and Deep Learning techniques	06-05-2023	International Conference on Global Convergence in Technology, Entrepreneurship, Computing & Value Engineering, Sapthagri College of Engineering, Bengaluru
Savita Choudhary Chaitanya Krishana Peddi Alvakonda Krishna Sai Kuruba Geethika Hari priya	Recommendation Model for Liver Disease Prediction Using Machine Learning	09-05-2023	International Conference On Computational Sciences and Sustainable Technologies, Christ, University Bengaluru and Modern College of Business and Sciences, Muscat, Oman.

Faculty Achievements/Accomplishments/Recognitions

- Dr. T. N. Anitha was invited as a jury member for the project exhibition competition "ANVESHANA - 2023" held on 31st May 2023 at Sri Krishna Institute of Technology, Bengaluru.
- Dr. Suma Swamy was invited as a resource person for an SDP on "Algorithm Design Techniques", organized by the Department of MCA, Sir MVIT, Bengaluru during 8- 12 May 2023.
- Dr. Suma Swamy was invited as a resource person for an FDP on "Introduction to Cyber Security" organized by the Department of CSE, VTU Center for Post Graduate Studies, Bengaluru Region, Muddenahalli, Chikkaballapur on 22nd May 2023.
- Dr. Suma Swamy was invited to the BoE meeting at VTU, Belagavi on 6th June 2023.
- Dr. Savita Choudhary was invited as a Session Chair in the ICCSST-23 conference held at Christ University, Bengaluru on 8th & 9th May 2023.
- Dr. Soumya Patil is recognized as Research Supervisor under VTU from May 2023.
- Dr. Soumya Patil reviewed a manuscript for the Springer Journal, "Signal, Image and Video Processing" in the month of May 2023.
- Ms. Thrisha V.S. received the 'Young Researcher Award - 2023' from the InSc Institute of Scholars in the month of May 2023.

Books Published

NAME	TITLE OF THE BOOK	DATE	NAME OF THE PUBLISHER/ISBN
Dr. Suma Swamy	Design and Analysis of Algorithms	May 2023	LAP LAMBERT Academic Publishing, UK. ISBN: 978-620-6-16455-5

Workshops/Seminars/Conferences attended

NAME	TITLE	NAME OF THE ORGANIZER	DATE	VENUE
Dr. Savita Choudhary Dr. Soumya Patil Ms. Mayuri K. P.	Introduction to Cyber Security	VTU Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur	22-05-2023 to 26-05-2023	Virtual Mode

Workshops/Seminars/Conferences organized



The department had organized the annual Final Year Project Presentation Competition on 13th May 2023.



Department organized a workshop on "Mobile Application Development" on 4th May 2023. The resource person for the workshop was Ms. Uzma Sultana, Assistant Professor, Atria Institute of Technology, Bengaluru. Ms. Dhivya V. and Ms. Kavyashree G.M. were the coordinators of the event.

Students' Achievements

Students of S8, Indu J. A., Amaan Ahmed, Prajwal Kumar and Serene Joshi won second prize for the project entitled "Smart AI - based Traffic Control System" during the annual project exhibition held on 13th May 2023. This project was mentored by Dr. Suma Swamy.

Other News

Dr. Savita Choudhary conducted a Ph.D. pre-submission colloquium for research scholar Ms. Hamsaveni M. on 24th May 2023.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Papers Published

NAME	TITLE OF THE PAPER	DATE	NAME OF THE JOURNAL/VOL/PAGES
Sheetal Bagali	Resource Allocation Optimization for Mitigating Multi-Jammer in Underwater Sensor Network	May 2023	Indonesian Journal of Electrical Engineering and Computer Engineering, Vol. 30, No. 2, , pp. 965-971.
Sheetal Bagali	Distributed Resource Allocation Model with Presence of Multiple Jammer for Underwater Wireless Sensor Networks	May 2023	Indonesian Journal of Electrical Engineering and Computer Engineering, vol. 30 , No. 2, pp. 1002-1010.
Seema S.	Multi Objective Energy Based Improved Jellyfish Swarm Optimization for Effective Cluster Head Discovery in UWSN	May 2023	International Journal of Intelligent Engineering and Systems, Vol.16, No.3, pp. 509 to 518.
Praveena N.	A Novel Design of Low Power & High Speed FinFET Based Binary and Ternary SRAM and 4*4 Array	May 2023	IETE Journal of Research

Workshops/Seminars/Conferences organized



The Department organized a Faculty Development Program on "Embedded C Basics Using Microcontroller" during 8 - 11 May 2023. Mr. Mahendra B. M. from R.V. College of Engineering, Bengaluru was the resource person. 30 participants were present for FDP. Ms. Seema S., Ms. Swetha L. and Ms. Sheetal Bagali coordinated the event.



The Department had organized a Student Development Program on "LabVIEW Programming Basics" on 12th & 13th May 2023. Ms. Shalini P., Ms. Swetha L., Ms. Praveena N. and Ms. Poongothai C. were the resource persons. 50 students of S4 participated in this program.



Workshops/Seminars/Conferences attended

NAME	TITLE	NAME OF THE ORGANIZER	DATE	VENUE
Swetha L.	AICTE-VTU Joint Teachers Training Programme on "Introduction to Cyber Security"	VTU Centre for PG Studies, VIAT, Muddenahalli.	22-05-2023 to 26-05-2023	Virtual Mode

Faculty Achievements/Accomplishments/Recognitions

- Mr. G. Shashibhushan successfully defended his thesis "Hardware Implementation of Multilevel Inverter using Vector Space Analysis for Induction Motor" during the Ph.D. final Viva-Voce on 5th May 2023. This research was carried out under the guidance of Dr. Savita Sonali.
- Ms. Sheetal Bagali successfully defended her thesis entitled "Performance Analysis of Underwater Communication in Multi User Environment" during the Ph.D. final Viva-Voce on 12th May 2023. This research was carried out under the guidance of Dr. R. Sundaraguru.
- Ms. Poongothai C. successfully defended her thesis entitled "Enhancing the Performance of Low Power Wide Area Network using Narrow Band Internet of Things" on 18th May 2023. This research was carried out under the guidance of Dr. P. Vijayakarthish.
- Dr. Sasmita Mohapatra and Dr. Sheetal Bagali were the reviewers for IEEE International Conference on Networks, Multimedia and Information Technology (NMITCON), Bengaluru, to be held on 1st & 2nd September 2023 at NMIT, Bengaluru.

Students' Achievements

- Malaka Bhaskar Reddy of S6 has worked as a summer intern at Sparr Electronics Limited for a period from 6th April to 18th May 2023.

Workshops/Seminars/Conferences organized

- The department had organized the annual Final Year Project Presentation Competition on 13th May 2023. Dr. Anil Kumar, Assistant Professor, Department of ETE, BMSIT, Bengaluru, Mr. Sachin Kumar, Qualcomm India Ltd., Mr. Shashidhara N., Consultant, Worldskill, and Dr. Mrinal Sarvagya, Professor, Reva University, Bengaluru were the jury members. Mr. Phanindar Ravi P., Ms. Poongothai C., and Ms. Praveena N. were the coordinators of the event.



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Workshops/Seminars/Conferences organized



A seminar on "Successful Career Planning, Higher Education & Technical Profile Building" was organized on 17th May 2023. The resource person was Mr. Ajay Murdeshwar, Lead Career Architect AICTE-Career labs.



The department has organized an internship as a part of VTU program for the II year lateral entry students on the topic "Solar Energy System Design" from 17th May to 3rd June 2023. This internship activity was organized in collaboration with B.S. Nirvana Solar, Nirvana Foundations, Bengaluru. The resource person was Dr. Govardhan, Head, Nirvana Foundations. Dr. Parthasarathy V. Associate Professor in the department was the coordinator of this activity.

Faculty Achievements/Accomplishments/Recognitions

- Dr. C.V. Mohan and Dr. Parthasarathy V. have both received recognition as Research Supervisors by VTU from May 2023.
- Dr. R. Sivapriyan successfully completed an online course on "NBA Accreditation and Teaching & learning in Engineering (NATE)", conducted under NPTEL by IISc, Bengaluru during Jan - Apr 2023.
- Dr. R. Sivapriyan successfully completed an online course on "Training and Development", conducted under NPTEL by IIT - Kharagpur during Jan - Apr 2023.
- Dr. R. Sivapriyan successfully completed an online course on "Human Behaviour", conducted under NPTEL by IIT - Guwahati during Jan - Apr 2023.
- Dr. R. Sivapriyan successfully completed an online course on "Ethics in Engineering Practice", conducted under NPTEL by IIT - Kharagpur during Jan - Apr 2023.

Other News

- National Board of Accreditation (NBA) peer team visited the department for assessment during 12-14 May 2023.
- The department had organized the annual Final Year Project Presentation Competition on 13th May 2023. Dr. R. Sivapriyan was the coordinator of the event.
- Dr. M. S. Suresh, Professor, Department of EEE has been relieved from all his duties and responsibilities on attaining superannuation.



The team "Electrimo 2.0" has bagged 10 awards at the Auto India Racing Championship (AIRC)- Season-6, held at Ajeenkya D. Y. Patil University, Pune, from 25th to 28th May 2023. Dr. Mahesh K. Professor in the department was the Faculty Advisor of the team "Electrimo 2.0". The 10 Awards were: The Overall Champions Award, Dronacharaya Award-Best Faculty Advisor, Safety Award, Social Media Award, Innovation Winner, Design & CAE Award, Cost/Business Plan Award, Best Driver Award, Skid Pad award and Autocross Award.

Workshops/Seminars/Conferences attended

NAME	TITLE	NAME OF THE ORGANIZER	DATE	VENUE
P. Kezia Joy Kumari	AICTE-VTU Joint Teachers Training Programme on "Introduction to Cyber Security"	VTU Centre for PG Studies, VIAT, Muddenahalli.	22-05-2023 to 26-06-2023	Virtual Mode

New Appointments



Ms. Vijayalakshmi A. K. joined as Assistant Professor in the department of Electrical & Electronics Engineering on 27th April 2023.

Ms. Harshithaananda B. joined as Assistant Professor in the department of Electrical & Electronics Engineering on 3rd May 2023.

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

Workshops/Seminars/Conferences attended

NAME	TITLE	NAME OF THE ORGANIZER	DATE	VENUE
Dr. E. Kavitha	AICTE-VTU Joint Teachers Training Programme on "Introduction to Cyber Security"	VTU Centre for PG Studies, VIAT, Muddenahalli.	22-05-2023 to 26-06-2023	Virtual Mode

Workshops/Seminars/Conferences organized



- The department had organized the annual Final Year Project Presentation Competition on 13th May 2023. Mr. P. S. Krishna, Principal Consultant, ICT, Bengaluru and Dr. Parameshachari B. D., Professor, Dept. of ECE, NMIT, Bengaluru were the jury members.

Students' Achievements

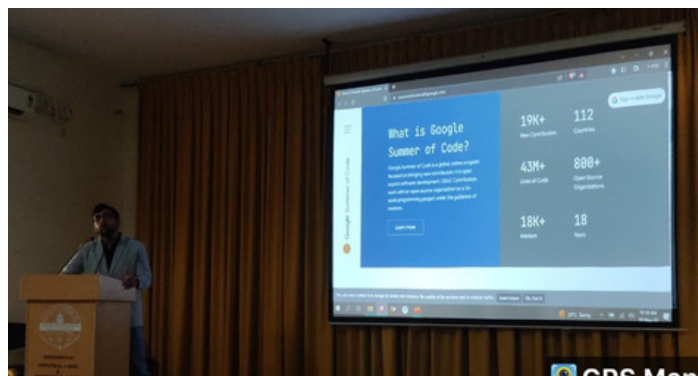
- Students of S8, Karun Sharma, Mahanth B., Sooda Mohammed Hassaan M., Tarun A. won first prize in the Annual Project Exhibition for the project entitled "Automobile Automation."
- Students of S8, Asha G., Bhoomika G. P., Bhuvana R., Parth Anshul won second prize in the Annual Project Exhibition for the project entitled "Examining Structural Response of a Bridge Using Multisensor".
- Students of S8, Deepa N. S., Ganavi S., M. A. Mashitha, Ruchitha M. won second prize in the Annual Project Exhibition for the project entitled "Smart Low-Cost Ventilator with Temperature, BPM and Oximeter."

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Papers Published

NAME	TITLE OF THE PAPER	DATE	NAME OF THE JOURNAL/VOL/PAGES
Prajwal A. C. Ashok Ammanagi Mohammed T. Hussain Avinash K. Byregowda B. K.	Classification and Detection of Diseases of Areca Nut and Leaf Using Machine Learning	May 2023	Journal of Emerging Technologies and Innovative Research, Vol. 10, No.5, pp.d564-d571.
Sumanth Nithyashree U. Sahana S. Riya Srivastava Byre Gowda B. K.	Rainfall Prediction using Machine Learning and Neural Network	May 2023	International Journal for Research in Applied Science & Engineering Technology(IJRASET),Vol.11, No.5, pp. 1305-1309.
Pratham Pai B. M. Deepthi R. Keerthana S. Pavithra K. Vijayakumara Y. M.	Weapon Detection In CCTV Using Machine Learning	May 2023	Gis Science Journal ,Vol.10, No.5.
Shanta H Biradar Pulkit Jauhari Satyabrata Chokroborty Swapnil	Age and gender detection using deep learning	May 2023	Gis Science Journal ,Vol.10, No.5.
Shanta H. Biradar Pavana P. Swethagouda	Image Caption Generator	May 2023	International Journal for Research in Applied Science & Engineering Technology(IJRASET),Vol.11, No.5.
Sneha Kumari Gittika Agarwal Sheshappa S. N. Vijaykumara.Y. M. Byre Gowda B. K	Job Recommendation System Using NLP	May 2023	International Journal for Research in Applied Science & Engineering Technology(IJRASET),Vol.11, No.5.
Ujwal G. B. Chanda Gowda H. N. Sheshappa S. N. Vitesh Gowda M.	Visualisin Path Finding Algorithms Application Development and Implementing	May 2023	International Journal for Research in Applied Science & EngineeringTechnology(IJRASET),ISS N:2321-9653;Volume 11,Issue V
Shadaksharaiah Dharmaprasad Goutham Kondapani Vineeth S. Vitesh Babu M.	Leaf Disease Detection Using Image Processing	May 2023	Gis Science Journal ,Vol.10, No.5.

Workshops/Seminars/Conferences organized



A Seminar on "Open Source: What it is and how to contribute to it (GitHub, Version control, and Opportunities like GSoC)" was organized for S6 students on 19th May 2023. The resource person was Mr. Shashwatha Mitra G.B., from Oracle India. Mr. Byregowda B. K., Mr. Vijayakumara Y. M., Ms. Suguna M. K. were the coordinators of this event.

Workshops/Seminars/Conferences attended

NAME	TITLE	NAME OF THE ORGANIZER	DATE	VENUE
Byregowda B. K.	Research Paper Writing, Proposal Drafting, And Patenting Strategies	Madanapalle Institute Of Technology And Science	22-05-2023 to 26-05-2023	Virtual Mode
Shanta H. Biradar	AICTE-VTU Joint Teachers Training Programme on "Introduction to Cyber Security"	VTU Centre for PG Studies, VIAT, Muddenahalli.	22-05-2023 to 26-05-2023	Virtual Mode
Byregowda B. K.	Python Programming laboratory	SJCIT	18-05-2023 to 20-05-2023	Virtual Mode

DEPARTMENT OF MECHANICAL ENGINEERING

Papers Published

NAME	TITLE OF THE PAPER	DATE	NAME OF THE JOURNAL/VOL/PAGES
Madhu Kumar K. Dr. G. Balakumar	Enhancement in Micro structural characteristics and mechanical properties of A6082-Based MMCs via yttria Stabilized Zirconia incorporation and T6 Heat treatment	May 2023	European Chemical Bulletin, Vol. 5, No. 12, pp. 1310-1320.
Asha Rani A. Chandan B. S. Cholaraju Dhanush M. P. Dinakar M. K.	Design and Fabrication of Solar Powered Mulch Laying Machine	May 2023	Journal of Emerging Technologies and Innovative Research, Vol.10, No.5, pp. 866-871.
Madhu Kumar K. M. Tinku Rajkumar Ayush Vishwakarma RajatKumar Pokale	Design and Analysis of Anti-Roll Bar in Formula Vehicle	May 2023	IJRASET, Vol. 2, No. 5, pp. 5135 -5141

Industrial Visits

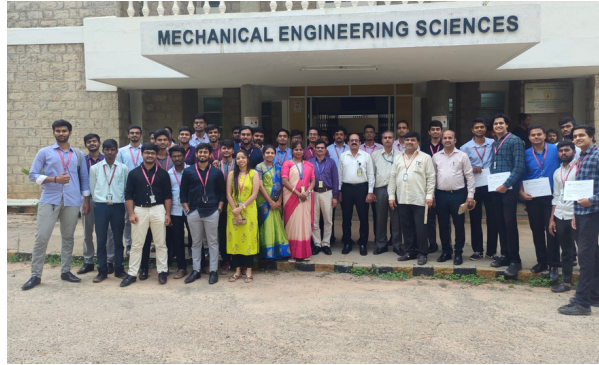


An industrial visit to U. R. Rao Satellite Center-Indian Space Research Organization was organized on 4th May 2023. 48 students from S6 participated in the visit. Dr. V. Shantha, Mr. Janardhana K., and Ms. Asha Rani A., were the coordinators of the visit.



An industrial visit to HAL Heritage Center and Aerospace Museum was organized on 4th May 2023. 48 students from S6 participated in the visit. Dr. V. Shantha, Mr. Janardhana K., and Ms. Asha Rani A. coordinated this visit.

Other News



The department had organized the annual Final Year Project Presentation Competition on 13th May 2023.

Faculty Achievements/Accomplishments/Recognitions

- Mr. K. Ejaz Ahmed, Associate Professor in the department was the resource person for an SDP for first Semester MBA Students held on 16th May 2023 organized by the Department of MBA, Sir MVIT, Bengaluru.
- Mr. Sampath Kumar L. Assistant Professor in the department reviewed a manuscript for the journal "Current Pharmaceutical Design" in the month of May 2023.
- Mr. Sampath Kumar L. Assistant Professor in the department reviewed a manuscript for the journal "Applied Nanoscience" in the month of May 2023.

Students' Achievements

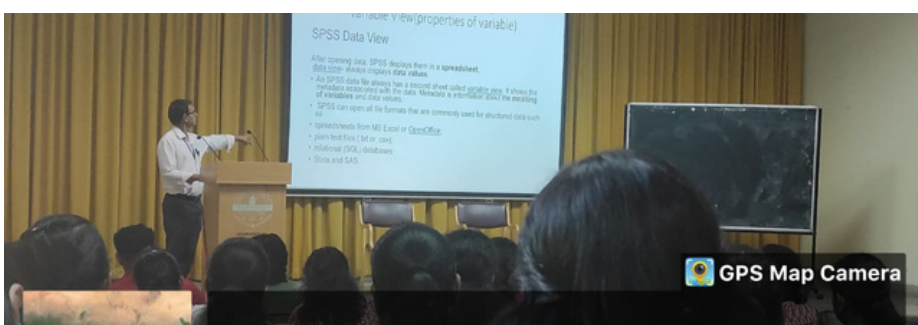
- Students of S8, Adnaan Tawheed Jameel, Arfaan Tawheed Jameel, B.S. Sri Sumukha, Shubham Kumar Jha, won 1st Prize in the Annual Project Exhibition for the project entitled "Advanced Railway Track Monitoring System with GPS for obstacle and Crack Detection" under the guidance of Mr. K. Ejaz Ahmed.
- Students of S8, Prajwal K., R. Vinay Kumar, Shanta, Swaroop B., won 1st Prize in the Annual Project Exhibition for the project entitled "Modelling and Fabrication of Smart-Waste Segregation System Using IOT" under the guidance of Mr. Janardhana K.
- Students of S8, Karthik D. Patil, Tarun R., Vinayak Tevarannavar, Sangamesh, won 2nd Prize in in the Annual Project Exhibition for the project entitled "Fabrication of Multistage Portable Water Filters Using Bio-Chemical" under the guidance of Dr. Kiran Kumar K.
- Students of S8, Ravi B. K., Chandrashekhara A. E., Suraj A., V. Vignesh, won 2nd Prize in in the Annual Project Exhibition for the project entitled "Fabrication of Machine to Convert Plastic to Oil Through Pyrolysis Process" under the guidance of Ms. Veena B. G.
- Students of S8, Aman Singh, Ashish Kumar Mishra, Dhanush N. Reddy, R. Hrithik Reddy, won 3rd Prize in in the Annual Project Exhibition for the project entitled "Multi-Source Renewable Energy Harvesting from Highway Traffic" under the guidance of Dr. V. Shantha.
- Students of S8, Hrithik B. N., Jayasurya K. S., Pruthvi Gowda V., Sudhamshu A. C. won 3rd Prize in in the Annual Project Exhibition for the project entitled "Design and Fabrication of Automatic Seed Sowing Machine" under the guidance of Dr. Hanamantraygouda M. B.

DEPARTMENT OF MBA

Papers Published

NAME	TITLE OF THE PAPER	DATE	NAME OF THE JOURNAL/VOL/PAGES
Deepthi J. R. Priya Choudhary	Problems faced by employees during work from home at IT Industry with reference to Bangalore	May 2023	International Journal of Recent Scientific Research, Vol. 14, No. 05(B), pp. 3235-3239.

Workshops/Seminars/Conferences organized



Department has organized an SDP on "Business Statistics Using SPSS" during 16 – 18 May 2023 for the students of SI. Mr. Kiran Babu C .V., Practice-Head Digital Maleotech Solutions Pvt. Ltd, Dr. Priyanka Sharma, HoD, Dept. of MBA, Ms. Banishree Sukla, Assistant Professor, Dept. of MBA and Mr. K. Ejaz Ahmed, Associate Professor, Dept. of ME were the resource persons.

Workshops/Seminars/Conferences attended

NAME	TITLE	NAME OF THE ORGANIZER	DATE	VENUE
Swarnalatha	Five Days Online Workshop on How to Write a Thesis	Gomsguru Academy, Benagluru	11-05-2023 to 15-05-2023	Virtual Mode

DEPARTMENT OF MCA

Workshops/Seminars/Conferences organized



A Student Development Programme on "Algorithm Design Techniques" was organized on 8th May 2023 for S1 students. Dr. Suma Swamy, Professor, Department of CSE, Sir MVIT, Bengaluru was the resource person for the session. 58 students attended the session. Ms. R. Latha coordinated the event.



A Student Development Programme on "Graph Theory and its Applications in Computer Science" was organized on 16th May 2023 for S1 students. 58 students attended the session. Mr. Manjunatha H. T., Assistant Professor, Department of MCA, JNNCE, Shivamogga was the resource person for the session. Mr. Raghavendra Rao B.G., Ms. Sneha Bharti and Ms. Vani Harave coordinated the event.



A Student Development Programme on "Networking Tools and Web Technologies" was organized on 25th May, 2023 for S1 and S4 MCA students. 105 students attended the session. Mr. Shivakumar T., Assistant Professor, Department of MCA, BMSIT, Bengaluru was the resource person for the session. Mr. Muthuramalingam B. and Mr. Vasantha S. coordinated the event.

Students' Achievements

- Syed Asgar Ahmed (1MV21MC056), student of S4, successfully completed the Graduate Rotational Internship Program at The Sparks Foundation for a period of one month from April - May 2023.
- Syed Asgar Ahmed (1MV21MC056), student of S4, secured the first rank in the Hacker Rank Java contest held in the month of May 2023.

DEPARTMENT OF CHEMISTRY

Faculty Achievements/Accomplishments/Recognitions

- Dr. Prashanth G. K. published a patent entitled "A low-cost biosensor-based device for the detection of vital nutrients" in the official journal of the patent office with the Issue No. 19/2023 dated 12th May 2023.

Workshops/Seminars/Conferences attended

NAME	TITLE	NAME OF THE ORGANIZER	DATE	VENUE
Dr. B. Yerriswamy	Advanced Functional Materials for Science and Engineering (AFMSC) - 2023	Don Basco Institute of Technology, Bengaluru	15-05-2023 to 19-05- 2023	Don Basco Institute of Technology, Bengaluru
Dr. B. Yerriswamy	Polymer Materials for Engineering Applications (PCEA) - 2023	B.M.S. College of Engineering, Bengaluru	22-05-2023 to 26-05- 2023	B.M.S. College of Engineering, Bengaluru

Other News

- Dr. Prashanth G. K. reviewed a manuscript for the journal "Current Nanomaterials" published by Bentham Science in the month of May 2023.

ALUMNI VISIT



Mr. Sandeep R. Krishnan, Mr. M. N. Arun Kumar and Mr. Ashutosh Kumar Malviya (1998 Graduated Batch, Civil Engineering) visited the campus on 25th May 2023.



Ms. Shruti Preetham (2011 Graduated Batch) visited the campus on 7th May 2023.



Ms. Priyanka Desirazu (2014 Graduated Batch, BT), visited the campus on 4th May 2023. She was felicitated by Dr. H. G. Nagendra, Head, Dept. of Biotechnology for her exemplary achievements.



Around 50 alumni members attended the interaction meeting with NBA peer team Chairman on 13th May 2023, during the NBA peer team visit to Civil Engineering and EEE departments.

ALUMNI SPEAK



Mr. Naresh Neelakantan (2001-2005 ECE), Head of Cybersecurity and Automation - Glownexus

Being with Sir MVIT for 4 years was one of the most memorable times in my life. The institution had a unique mix of engineering culture, values and social structure that led to the all-round development of our abilities to think beyond the curriculum. Led by the Trustees and Professors from the front each one of us had been implanted with a strong pedigree to learn and think deeply which helped me in finding and pursuing my career goals and achievements eventually. When I look back, the number of opportunities given for us to express our desire to build our career and in turn touch the different organizations at large and in society in general, was second best to none. Apart from achievements of distinction in several subjects, we also got opportunities to work along with the staff for new curriculum, events, and HR placement office. This helped us in getting groomed as leaders in the respective fields not just in India but across the globe. Most of the engineering professors, staff and every member of this sacred institution blessed us with their time, effort, and encouragement to excel thereafter. We are highly indebted to this great institution and as in the name of Sir M.Visvesvaraya, one of the first and best engineers from our country, India. -**Naresh Neelakantan**

"The power of an alumni network is undeniable, providing support and opportunities for a lifetime."



Mr. Prabhakar B. G. (2001-2005 ECE), VP Sales & Customer Care, South Asia-Ocieania, MERSEN, France

Reflecting on my college journey, I'm amazed by the transformative power of higher education. Those four years were a whirlwind of self-discovery, intellectual growth, and lifelong friendships that shaped me into who I am today. It was a rollercoaster ride of highs and lows, but I wouldn't trade a single moment of it!

As I stepped onto campus, excitement and trepidation filled me. College offered endless possibilities to shed insecurities and pursue passions. Engaging discussions, thought-provoking lectures, and study sessions became the norm, fueling my thirst for knowledge. College life went beyond academics. Joining clubs and engaging in extracurricular activities pushed me out of my comfort zone, leading to personal growth and discovering hidden talents. Though there were challenges, each conquered obstacle boosted my confidence. Amidst storms of uncertainty, I found resilience and adaptability. Friends, seniors, professors, and mentors provided guidance, steering me back on course and helping me weather any tempest. What made my college experience exceptional were the people. Classmates became my chosen family, enriching my life in immeasurable ways. Together, we laughed, cried, and grew, forming unbreakable bonds. Approaching the end of your college memoir, remember it's just the beginning. Armed with knowledge, skills, and memories, you'll navigate uncharted waters ahead. Embrace the challenges, cherish friendships, and dive headfirst into possibilities. Discover your truest self and limitless potential. To those embarking on their own college odyssey, my advice is this: Embrace challenges, cherish friendships, and explore the vast ocean of possibilities. Your memoir will be filled with growth, resilience, and unforgettable experiences. Fair winds and following seas to all intrepid souls setting sail on their college adventures. May your journey be filled with chapters of growth, resilience, and unforgettable experiences. Bon voyage! -**Prabhakar B. G.**

GLIMPSES OF FAREWELL DAY



GLIMPSES OF FAREWELL DAY





Editorial Board

Prof. Rakesh S. G.	Principal	-Chief Editor
Dr. Vanipriya Ch.	Professor & Head, MCA	-Editor
Dr. Rashmi K. V.	Assoc. Professor, BT	-Editor

e-newsletter department coordinators

Dr. Jagadeesh Kumar D. - BT	Dr. G. K. Prashanth - CHE	Dr. Savita Choudhary - CSE
Mr. K. V. R. Prasad - CV	Ms. Sandhya B. S. - ETE	Mr. Aravind P.N. - MATHS
Ms. Sheethal Bagali - ECE	Ms. Kezia Joy Kumari - EEE	Ms. Sneha Bharti - MCA
Mr. Byre Gowda B. K. - ISE	Ms. Asha Rani A. - ME	Mr. Ravish P. Y. - LIBRARY
Mr. SasiKumar N. - PHY	Dr. Rajesh Y. H. - PED	Ms. Savitha Manjunath - CSE
Ms. Vyshnavi D. R. - CV	Ms. M. Swarnalatha - MBA	Ms. Saraswathi R. Rao - Admin



Sir M. Visvesvaraya Institute of Technology

(Affiliated to VTU-Belagavi, Recognized by AICTE and Accredited by NBA & NAAC)
Krishnadevarayanagar, Off International Airport Road, Hunasamaranahalli,
Bengaluru – 562 157, Karnataka, India.

Website: www.sirmvit.edu
email: info@sirmvit.edu