VOLUME: 01, ISSUE: 02

DECEMBER 2022





Carthamanjari 2023

e-newsletter

INSTITUTION NEWS

INSTITUTION INNOVATION COUNCIL

Sir M.V.I.T. has secured 3.5 star rating for Institute Innovation Council, for conducting various activities prescribed by Innovation Cell, Ministry of Education, Govt. of India, during the calendar year 2021–22.



INDUCTION PROGRAMME FOR FIRST YEAR B. E STUDENTS

A "10-Day Students Induction Programme (SIP) Phase-I", for the first year B.E. degree students was conducted in the auditorium from 1-12-2022 to 10-12-2022. The objective of the programme was to make the students feel comfortable in their new environment, to set up a healthy daily routine, create bonding among the students, as well as, between the faculty and the students, develop awareness, sensitivity and understanding of the self, people around them, society at large and also, nature. The sessions consisted of activities and events in line with the AICTE & VTU directives. More than 700 students benefitted from this 10-day programme. Most of the speakers were HoDs and Senior faculty members of the Institute. The schedule of 10-days programme was structured as Initial phase, Regular Phase and Closing Phase.



Glimpses of the I Year B.E. Induction Programme







I YEAR B.E. INAUGURATION PROGRAMME

The college organized an inaugural function "AARAMBH"- 2022 on 10-12-2022, to welcome the batch of 2022-2026. The campus was filled with excitement, joy, and enthusiasm for a new beginning that emanated on this bright day. The journey began with lighting the lamp and seeking the blessing from Goddess Saraswati. Following this devout gesture, the students and their parents were escorted to the program venue.

Ms. Hitha M (S5–BT), Varsha S (S5–IS), Spoorthi (S5–EEE), and Disha A Patil (S5–EEE) in mellifluous unison, rendered the invocation song. The occasion was presided over by Dr. A. C. Chandrashekar Raju President of Sri KET and graced by Vice President of Sri KET– Sri K.V. Shekar Raju, Secretary of Sri KET– Sri K. Syama Raju, Treasurer of Sri KET– Sri M. Venkataramana Raju, Chairman, Academic Committee Sri G. Prabhakar Raju, Chief Guest– Sri Rakesh Sigh, IAS, Additional Chief Secretary, Department of Urban Development, Govt. of Karnataka, Principal Prof. Rakesh S.G., HoDs, Faculty members, Students, Parents, Press and Media.

Dr. H. G Nagendra, Head, Department of Biotechnology introduced Chief Guest, Sri Rakesh Sigh, IAS, Additional Chief Secretary, Department of Urban Development, Govt. of Karnataka. The Chief Guest Sri Rakesh Sigh spoke about the importance of the human value system in the present generation, he briefed about moral story- "The great faith in God". He also distributed the awards for a few rank holders of 2016 batch.

Dr. M Krishnaiah, Head, Department of Chemistry gave a brief report on Induction Programme.

Prof. S H Khan, Director of Training and highlighted the placements on the campus and briefed about the formulated sevenphase Training program for the holistic development of the students.

Prof. Rakesh S.G., gave an overview of the college, and also briefed us about the rules and regulations of the college and hostel. He also addressed the students through a moral story- "The journey of the Engineering Students".

Dr. E Kavitha Ramesh, Head of the Department of Electronics and Telecommunication announced the rank holders and awards were given away by the dignitaries for 2019, 2020, and 2021 batches.

The event added on with the release of the 1st issue of e-newsletter "VARTHAMANJARI" (Volume.1 November 2022)

Mrs. Sheetal Bagali, Assistant Professor, Department of Electronics and Communication Engineering, and Dr. Anitha S, Assistant Professor, Department of English, compered the whole event.

Dr. Uma S K, Head Department of Mathematics proposed a vote of thanks.

The event ended with the National Anthem and a sumptuous lunch.



Glimpses of the I Year B.E. Inauguration Programme



FLASH MOB

On 8-12-2022, the higher semester students presented a "Flash Mob". Two dance group presented a dance near the entrance of the main block. The purpose of the flash mob was to draw the attention of students to the importance of Karnataka Rajyotsava. The flash mob also gave the freshers a glimpse of Sir MVIT and the ensemble of various clubs on campus.



"Every sunset is an opportunity to reset. Every sunrise begins with new eyes."

— Richie Norton



DEPARTMENT NEWS

DEPARTMENT OF BIOTECHNOLGY

WORKSHOPS / SEMINARS / CONFERENCES ATTENDED

TITLE	NAME OF THE ORGANIZER	NAME	DATE	VENUE
FDP on Computational Mathematics with MATLAB	Department of Mathematics, Sir MVIT, Bengaluru	Dr. Rashmi K. V.	l and	Electrical & Electronics Engg., Laboratory, Sir MVIT

WORKSHOPS / SEMINARS / CONFERENCES ORGANIZED



Department of Biotechnology organized a 3 – Day National Seminar On "Biotechnology for Better Life – Innovations and Advances Towards Sustainable Development", from 15–12–2022 to 17–12–2022, at Sir MVIT campus.

The National Seminar was inaugurated by Chief Guest, Prof. G Padmanaban, Former Director and Hon. Professor, Indian Institute of Science, Bengaluru and presided by Sri V. Srinivasa Raju, Founder Trustee, Sri KET, Bengaluru. The conference has witnessed the active participation of about 300+ participants belonging to BE/B.Tech/BSc/MSc/MTech/Ph.D/BDS/MDS. Inquisitive parents, enthusiastic faculty, energetic alumni, successful industry experts, and NGOs working in the field of Biotechnology and Life sciences. This event congregated the best minds and entrepreneurs.

The highlights of the event included 48 Invited Plenary Talks by Subject Experts, Panel Discussions, Industry-Academia Interactive Sessions, Poster Sessions, Project Idea Presentations, Ideathon, Stalls & Displays, Cash Awards for Quality Presentations, Networking Sessions, etc.

"Biotechnology has made it technologically possible to build the monster, patent law is making it politically possible"

-Neil Gerlach



A Faculty Development Programee was organized in the Department of Biotechnology on 15-12-2022 and 16-12-2022. The Chief Guest was Professor, G. Padmanaban, Padma Bhushan, Former Director, IISc, Chancellor, CUTN, NASI Honorary Scientist, Science and Innovation Adviser, BIRAC, Gol. Module-wise discussions/talks were delivered by 5 invited resource persons, on the theme of the FDP. There were 30 registered participants from different engineering colleges in the programme.

Alumni meet was organized on 17-12-2022. Around 43 alumni, current students, and department faculty members participated in the meeting. All alumni unanimously urged the budding graduates, to get involved in the project activities at the department and build bench skills. Also, they mentioned that participating in the department programs would help the students develop intangible soft skills, relevant to industries. Alumni also highlighted about higher studies abroad. The alumni expressed their keenness to extend support for the students' projects and various training programmmes.

FACULTY ACHIEVEMENTS / PARTICIPATION / RECOGNITION

- M/s. Srikem Laboratories, Mumbai have sanctioned Rs. 3.6 lakhs towards the project titled "Microbial Biotransformation of UDCA (Usodeoxycholic acid) from CDCA (Chenodeoxycholic acid)" to the department of Biotechnology which is beingexecuted by Dr.Nagendra H.G., Dr. Priya Narayan and Dr. P. Hariharan.
- Mr. Ishwar Chandra successfully defended his Ph. D thesis on 20-12-2022, on the topic "Decolourisation of Biomethanated Distillery Spent Wash using modified soil" at REVA University, Bengaluru.

INDUSTRY VISIT



- Department of Biotechnology organized a field visit to the Integrated waste management facility, Eco Hub under EcoGram, Chokkanahalli, Bettahalsur, Bengaluru, on 09-12-2022 for S3 students and a total of 35 students participated. Students gained the knowledge on waste management and the need for waste segregation awareness of individuals social responsibility in reducing and recycling waste.
- Department of Biotechnology organized a heritage tour to Devanahalli Fort on 23-12-2022, for the students of S3. 31 students visited.



"Our world is built on biology and once we begin to understand it, it then becomes technology -Ryan Bethencourt

DEPARTMENT OF CIVIL ENGINEERING

PAPERS PUBLISHED

NAME	PAPER PUBLISHED	DATE	NAME OF PUBLICATION/VOL/PAGES
Shivanna S. Vyshnavi D. R.	"Hydrochemical Analysis of Ground Water Quality in Dakshina Pinakini River Basin, Karnataka, India".	December 2022	Journal of Emerging Technologies and Innovative Research (JETIR), Volume 9, Issue 12, ISSN: 2349-5162, pp. 18-27

WORKSHOPS / SEMINARS / CONFERENCES ORGANIZED





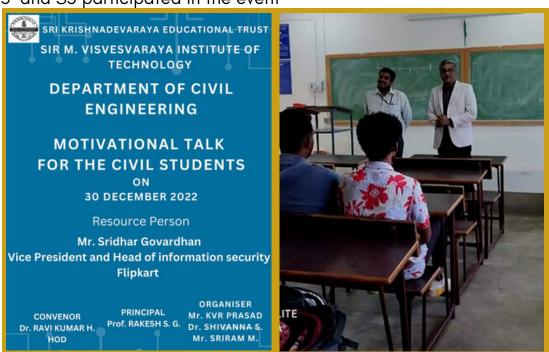
Department of Civil Engineering organized a Motivational Talk by Mr. Rakshit K. B., Director, Kundur Constructions, Bengaluru on 19-12-2022. Overall, 60 students of S3, S5 and S7 participated in the event.



Department of Civil Engineering organized a Motivational Lecture by Mrs. Aruna Ashwin, AEE, Mrs. Nalini G, AE, and Mr. Murali K, AE, PWD on 27–12–2022. Overall, 60 students of S3 and S5 participated in the event.



Department of Civil Engineering organized a Guest Lecture by Mr. Rajanish Kumar, Director, Edu CADD, Bengaluru on 28–12–2022. 60 students of S3 and S5 participated in the event



Department of Civil Engineering organized a Motivational Talk by alumnus Mr. Sridhar Govardhan, Vice President and Head of information security, at Flipkart on 30/01/2022. Overall, 50 students of S3 &S5 participated in the event.





The Department of Civil Engineering renewed the MOU with M/s. Kundur Constructions Pvt.Ltd., Bengaluru.

WORKSHOPS ATTENDED

NAME	TITLE	NAME OF THE ORGANIZER	DATE	VENUE
Ms. Pradeepa S. Ms. Bhavya S.	FDP on "Computational Mathematics with MATLAB"	Department of Mathematics, Sir MVIT, Bengaluru	5-12-2022 and 6-12-2022	Electrical & Electronics Engg., Laboratory, Sir MVIT
Dr. Shivanna S. Mr. K.V. R. Prasad Ms. Anitha J. Ms. Pradeepa S. Ms. Tamil Selvi N. Ms. Ramya N. Ms. Vyshnavi D. R. Ms. Bhvya S.	FDP on "GIS for Smart City"	Department of Civil Engg., Presidency University, Bengaluru.	12-12-2022 to 16-12-2022	Online
Ms. Anitha J. Ms. Tamil Selvi N.	FDP on "Biology for Engineers"	Department of Biotechnology, Sir MVIT, Bengaluru	15-12-2022	Marconi Seminar Hall, Sir MVIT
Ms. Anitha J. Ms. Pradeepa S. Ms. Tamil Selvi N. Ms. Bhavya S. Ms. Subhadra G. D.	Workshop on "My Startup Journey"	Department of MBA, Sir MVIT, Bengaluru	20-12-22	CS Seminar Hall, Sir MVIT
Ms. Subhadra G. D.	FDP on "Advancement in Concrete Technology"	Department of Civil Engg., BITM, Bellary	19-12-2022 to 23-12-2022	Online
Mr. Sriram Mustapure	FDP on Object Oriented Programming with Java	Department of CSE & ISE, SJCIT, Bengaluru.	28-12-2022 to 30-12-2022	Online

FACULTY ACHIEVEMENTS

Dr.Ravi Kumar H. has been recognized as reviewer for Journal of Building Engineering (Elsevier).

STUDENTS ACHIEVEMENTS



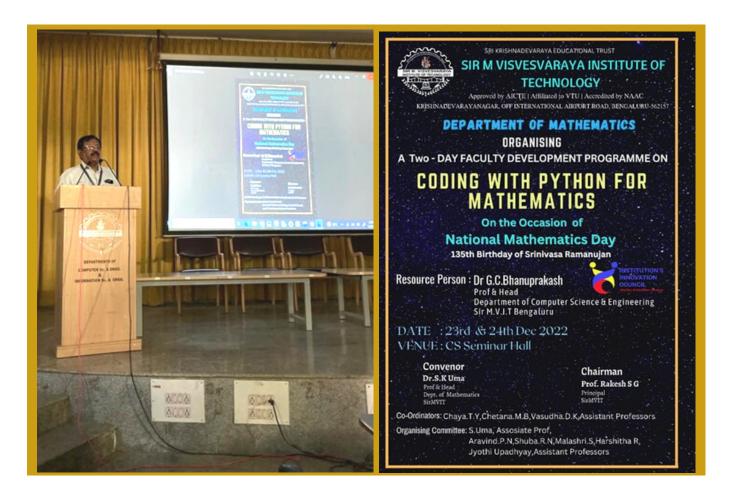
Mr. Sumeet Chalak of S5 (Civil) participated in the International Cultural Jamboree 2022, conducted by BHARAT SCOUTS AND GUIDES, Karnataka Division held at Alvas campus, Vidyagiri, Moodbidri from 21-12-2022 to 27-12-2022.

Mr. Dhruv Kumar of S7 was selected in the campus recruitment drive by RDC Concrete, on 21-12-2022.

We shape our buildings, thereafter they shape us.
- Winston Churchill

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FACULTY ACHIEVEMENTS / PARTICIPATION / RECOGNITION



The Department of Mathematics organized a two-day Faculty Development Programme – "Coding with Python for Mathematics" on 23–12–2022 and 24–12–2022. The resource person was Dr. G. C. Bhanu Prakash.

- Dr. G. C. Bhanu Prakash and Mr. Elaiyaraja developed a software for "Automatic Generation of Passwords Through email to the Individual Students" for VTU communication purpose.
- Dr. Suma Swamy has been appointed as coordinator for the allotment of examiners for practical examinations for January 2023 session for the colleges under Bengaluru Region, for CS/IS Board and was invited for the second BOE(CS/IS) Board meeting on 10-1-2023 and 11-1-2023, to be held at VTU, Belagavi.
- Mrs. Shruthi J., Research Scholar of CSE Research center successfully completed her Ph. D., under the guidance of Dr. Suma Swamy.
- Dr. Suma Swamy and Mr. Nihal Konan published two patents, Cost Effective Artificial Intelligence powered Smart Glass for Visually Impaired and Cochlear Anchored Conduction Earphones for the Hearing Impaired.
- Dr. Savita Choudhary was invited as an External Doctoral Committee member for Ph. D. Comprehensive viva at Presidency University.

FORUM / CLUB ACTIVITIES





An event, "Technova- Innovative Minds with Tech", was organized on 13-12-2022 from 1.30 pm to 4.30 pm, by GLUG MVIT Club. The resource persons were Mr. Ujwal Kumar, Founder-Zintlr and Mr. Ravi Jain, Founder-Zintlr. Dr. Suma Swamy and Dr. Sreenivasa B. C. were the coordinators of the programme. All the students of S3 participated in the programme.

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Dr. Savita Choudhary and Dr. Somya Patil coordinated for a one-day Student Development Programme on "TRENDS IN CYBER SECURITY-HOW TO BECOME CYBER WARRIOR" on 30-12-2022, under Computer Society of India Chapter. The Resource person was Mr. Shridhar G., Vice President & Head of Information Security at Flipkart, Benguluru. No.of participants were 282 from all the semesters.

A Medical Camp for Children was organized by the joint association of Abhikalpana (NGO) under the guidance of Dr. Suma Swamy and Kala Kaustubha SPANDANA (social outreach club) on 18–12–2022. The total no. of participants were 25.

STUDENT ACHIEVEMENTS

- Pratyush Shekar of S7 was a finalist in "Dezorio Memorial Debate Tournament" organized by Presidency University, Kolkata, which was held from 4-12-2022 to 6-12-2022.
- Pratyush Shekar of S7 was a finalist in "IDS KOREA ROOKIE TOURNAMENT", organized by the Korean University of International Sciences, which was held from 7-12-2022 to 18-12-2022.
- Bhoomika N. of S3 participated in VTU level basketball competition held at Dr. Ambedkar Institute of Technology, Bengaluru, which was held on 5–12–2022.
- Sindhu and Nitya of S3 participated in basketball tournaments, held at Dr. B. R. Ambedkar College on 5–12–2022 and 6–12–2022.

COMPUTER SOCIETY OF INDIA



Departments of Computer Science and Engineering, Information Science and Engineering and Department of Computer Applications jointly organized a Student Development Programme on "How to Become Cyber Warrior", under the aegis of Computer Society of India on 30-12-2022. Dr. Savita Choudary, Ms. Shanta H Biradar, Mr. Raghavendra Rao and Dr. Soumya Patil coordinated the event. 120 students from all the semesters of MCA, CSE and ISE branches participated.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

WORKSHOPS / SEMINARS / CONFERENCES ATTENDED

NAME	TITLE	NAME OF THE ORGANIZER	DATE	VENUE
Mr. Pradeep Kumar Mr. V. Rajesh Kumar Ms. P. Kezia Joy Kumari Ms. Priyanka Nayak	Seminar on "Hybrid Electric Technology -Basics"	Toyota Kirloskar Pvt. Ltd., Bengaluru	8-12-2022	Toyota Kirloskar Pvt. Ltd., Bengaluru
Mr. Pradeep Kumar Mr. V. Rajesh Kumar Ms. P. Kezia Joy Kumari Ms. Priyanka Nayak	A 5-day FDP on "Electrical Vehicle Technologies - A Future Transportation Tool"	Bangalore Institute of Technology, Bengaluru	28-11-2022 to 2-12-2022	Bangalore Institute of Technology,Bengaluru
Mr. Pradeep Kumar Mr. V. Rajesh Kumar Ms. P. Kezia Joy Kumari Ms. Priyanka Nayak	"Workshop on "My startup Journey"	Institute Innovation Council	20-12-2022	Sir MVIT, Bengaluru
Mr. V. Rajesh Kumar Ms. P. Kezia Joy Kumari Ms. Priyanka Nayak	A 2-day workshop on "Computational Mathematics with MATLAB"	Department of Mathematics, Sir MVIT	5-12-2022 and 6-12-2022	Sir MVIT, Bengaluru

"Software is like entropy: It is difficult to grasp, weighs nothing, and obeys the Second Law of Thermodynamics; i.e., it always increases."

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FACULTY ACHIEVEMENTS

- Dr. R. Sivapriyan received a certificate of appreciation from IIT Madras, for being recognized as NPTEL ENTHUSIAST (JUL-DEC 2022).
- Dr. R. Sivapriyan received certificate of appreciation from IIT Madras, for being recognized as NPTEL BELIEVER (JUL-DEC 2022).
- Dr. R. Sivapriyan joined as editorial board member in the SCOPUS indexed International Journal of Electrical and Electronics Engineering, published by Seventh Sense Research Group (SSRG).

OTHER NEWS



Team Electrimo comprising of Dr. H. L. Suresh, Dr. Mahesh K. and the students of 5S, revealed the mini beast version 2.0. The current chassis is meant to have better performance than the older vehicle than the early one as the weight and structure of the vehicles has been altered by various parameters.



"National Energy Conservation Day" was celebrated on 14-12-2022. The campaign to promote energy conservation was launched by giving a sapling to the principal.

The students and the staff in the college were conveyed the message of energy conservation. By the student volunteers of the department by displaying posters at prominent location inside the campus and also talking to them in groups.







National tech fest "Electrogreen" was conducted on 16-12-2022, under the theme Green Energy and Energy Conservation. The fest was inaugurated by the Principal in the presence of HoD of EEE Dept., faculty members and students.



Various activities like quiz, troubleshooting, master blaster, debugging in C, etc. were held in accordance to the theme.

INDUSTRY VISITS



The department organized a one-day industrial visit to 220/66/11KV NRS Substation at Rajajinagar, as a part of the academic co-curricular requirement, for S3 Students on 21-12-2022. 132 students visited this industry.

STUDENTS' ACHIEVEMENTS

Shashidhar S and Nikil Mahesh Patil of S5, attended a two-day National Workshop on "Design and Safety in EV Technology" organized by Institution of Engineers,, Karnataka State Centre, Bengaluru, in association with BNM Institute of Technology, in the month of December 2022.



- Pramod M. (captain, VTU state level), Pankaj A. Chavan, Vilas K. B., Mithun Cariappa and Bharath Bhushan participated in VTU north zone & VTU district level Hockey Tournament, held at SJCIT, on 10-11-2022 and 06-12-2022.
- Darshan Gowda, Kushal G and Divakar Tejas participated in Kabbadi (Boys category) Tournament at BMS of Engineering & CMR Institute of Technology.
- Anusha Hatti Participated in State Level Kabbadi (Girls category) Tournament at BMS college of Engineering, held from 30-11-2022 to 3-12-2022.
- Rizwan Khan and Prashant Noolvi participated in Foot Ball Tournament, held at BMS of Engineering on 27-12-2022 and 28-12-2022. They were qualified for VTU LEVEL Quarter finals, held on 2-12-2022 and 3-12-2022.
- Trisha R participated in Kho-Kho in Global Academy of Technology, at VTU LEVEL representing EEE department, on 30–12–2022 and 31–12–2022.
- Rishetha and Madhu Latha of S3 participated in Chess Tournament, held at Vemana Institute of Technology, held in December 2022.
- Chandrashekhar and Manoj S. C. participated in Base Ball Tournament, held at Don Bosco Institute of Technology, Bengaluru, in December 2022.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION & ENGINEERING

PAPERS PUBLISHED

	NAME	PAPER PUBLISHED	DATE	NAME OF PUBLICATION /VOL/PAGES
١		"A Survey on Ultrawideband High Directive Low Profile Antenna"	8-12-2022	IEEE International Conference on "Power, Energy, Control and Transmission Systems", Sairam Engineering College, Chennai.

STUDENTS ACHIEVEMENTS

- B. Kavya of S5, Indu Y. V., Divya, Sushma R., Varsha, Shivani Kencharaddi of S3, Sir MVIT Women Kabaddi team members secured 1 st runners-up position in an inter-collegiate tournament, held at BMSCE, Benguluru from 26-12-2022 to 28-12-2022.
- Aishwarya K. R. of S3, a Taekwondo women's team member has secured winner position in Taekwondo women (U-62), Inter-collegiate tournament held, at SIT, Tumkur on 20-12-2022 and 21-12-2022.
- Subramaniam G., Monish M., and Mohith G.S. of S5 secured 2nd place in the Quiz event of the National Technical Fest, ELECTROGREEEN, organized by the Department of Electrical and Electronics Engineering, Sir MVIT, Benguluru, which was held on 16-12-2022 and 17-12-2022.
- Ashish Kumar of S5, secured 3rd place in the ELECTROLOOP event of the National Technical Fest, ELECTROGREEEN '22, organized by the Department of Electrical and Electronics Engineering, Sir MVIT, Benguluru which was held on 16-12-2022 and 17-12-2022.
- Shoaib Khan of S3, secured 2nd position in the Troubleshooting event of the National Technical Fest, ELECTROGREEEN'22, organized by the Department of Electrical and Electronics Engineering, Sir MVIT, Benguluru, which was held on 16-12-2022 and 17-12-2022.
- Harshit, Himanshu Shekar Das, and Abhishek Singh of S5, Sir MVIT basketball team members, secured runners-up for basketball held at CMRIT, state-level Inter-collegiate sports fest SPARDHA on 17-12-2022.
- Purushuttam Kumar of S3 won the 1st prize and Sai Raksha, Sindhu R, and Rachana Gowda of S3, won the 3rd prize in Ideathon Competition of "3-Day National Seminar on Biotechnology for Better Life- Innovations and Advances Towards Sustainable Development", organized by the Department of Biotechnology, Sir MVIT, which was held from 15-12-2022 to 17-12-2022.

OTHER NEWS



Alumni Talk Series- Manoj S. Kulkarni, Rajeev P., Chetan Vinayaka and Mithil Dhondi (Student Coordinators) of S3, conducted an Alumni talk on "The Journey: Student to Engineer" for S3 students on 27-12-2022. 72 students attended the talk and the resource person was Mr. Ramesh Madakasira, Founder & CEO, Unified Gateways.

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

WORKSHOPS / SEMINARS / CONFERENCES ORGANIZED



A Women Empowerment Programme on "Katalyst winds of change", in collaboration with Katalyst NGO. Overall 95 students participated and it was conducted on 09-12-22 for S1 students, at CSE seminar hall, Sir MVIT.

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A Student Development Programme on "Python Programming with Applications, Projects & Solutions" was conducted for S3 and S5 students from 19-12-22 to 21-12-22 and 65 students took part in it.

Students' Achievements

- Bindhusri Dasari and Brunda T. A. of S3 secured 2nd runners-up position in VTU Bengaluru Division Intercollegiate Kabaddi women tournament from 1-12-22 to 3-12-22, held at APSCE, Kanakapura Road, Bengaluru.
- Udaykiran of S3 participated in VTU intercollegiate basketball tournament on 5-12-22 and 6-12-22, held at Dr. AIT, Bengaluru.
- Arun G. and Udaykiran of S3 secured runners-up position in VTU State level Inter collegiate Basketball Men Tournament 2022, held from 14-12-2022 to 17-12-2022, at CMRIT, Bengaluru.
- Arun G. of S3 participated in the "Inter Collegiate Volleyball Men Spardha Sports Fest" on 15-12-2022, held at Sri Krishna Institute of Technology, Bengaluru.
- Arun G. and Udaykiran of S3 participated in Volleyball Men tournament, Kreedotsava on 29-12-2022 and 30-12-2022, held at BMSCE, Bengaluru.
- Nikitha and Tanushree of S3 won the "Ooman Mathew Memorial State Level Basketball Women Tournament, Kreedotsava" on 29-12-22 and 30-2-2022 held at BMSCE, Bengaluru. They were selected for Semi-Finals.

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

PAPERS PUBLISHED

NAME	PAPER PUBLISHED (Title)	DATE	NAME OF PUBLICATION /VOL/PAGES
1 ,	Design of optimal deep belief network for power consumption reduction in LPWAN using		A ES -Advanced Engineering Science, ISSN: 2096-3246 Volume 54, Issue 02
	Narrow Band Internet Of Thinks (NB- IOT)		

FACULTY ACHIEVEMENTS

Dr. P. Vijayakarthik published a patent "Intelligence classification and routing of computer text using AI transfer learning", Application No.202231054491 A and publication date: 09-12-2022.

Dr. Ch.Vanipriya was recommended as reviewer for translating a book on "Design &Analysis of Algorithms" in Telugu Language. This book will be made available in e-KUMBH portal at https://ekumbh.aicte-india.org/allbook.php.

DEPARTMENT OF PHYSICS

NEW APPOINTMENTS



Ms. JAYASHREE. L

Ms. Jayashree L. completed her M.Sc. and joined the Institution on 06-12-2022, as an Assistant Professor in the Department of Physics.

Welcome to
Sir MVIT
Family!!



Ms. PRAGATHI M .S

Ms. Pragathi M. S. completed her M.Sc. and joined the Institution on 06-12-2022, as an Assistant Professor in the Department of Physics.

DEPARTMENT OF MATHEMATICS

WORKSHOPS / SEMINARS / CONFERENCES ATTENDED

NAME	TITLE	NAME OF THE ORGANIZER	DATE	VENUE
Ms. Malashri S. Ms. Chethana M. B. Ms. Vasudha D. K.	"Three-day workshop on Python Programming for Engineering Mathematics"	Visvesvaraya Technological University, Belagavi, in association with RVCE	l to	R. V. College of Engineering, Bengaluru

WORKSHOPS / SEMINARS / CONFERENCES ORGANISED



A workshop on "CODING WITH PYTHON FOR MATHEMATICS" was conducted for the faculty, on 23-12-2022 and 23-12-2022. 35 Faculty members participated in the workshop.



A workshop on "COMPUTATIONAL MATHEMATICS WITH MATLAB" was conducted for the faculty members on 5-12-2022 and 6-12-2022, in association with Core EL Technologies. 25 faculty members participated in the workshop.

NEW APPOINTMENTS



Welcome to
Sir MVIT
Family!!



Ms. JYOTHI UPADHYAY

Ms. Jyothi Upadhyay completed her M.Sc and joined the Institution on 7-12-2022, as an Assistant Professor, in the Department of Mathematics.

Ms. HARSHITHA R.

Ms. Harshitha R completed her M.Sc and joined the Institution on 7-12-2022, as an Assistant Professor in the Department of Mathematics.

DEPARTMENT OF MBA

WORKSHOPS / SEMINARS / CONFERENCES ATTENDED

NAME	TITLE	DATE	VENUE
Ms. Deepthi J. R. Ms. Priya Choudhary Ms. Swarnalatha M. Ms. Sheethal C.	Participated in 5-Day FDP on "Contemporary Trends in Management Research".	6-12-2022 to 10-12-2022	Google Meet
Ms. Deepthi J. R. Ms. Priya Choudhary	Participated in 5-Day FDP on "Research Publication and Ethics"	16-11-2022 to 20-11-2022	Google Meet

INDUSTRIAL VISITS



A visit to Industrial Exhibition BIEC, was organized for the students of S3, MBA to get practical knowledge on "How B2B operates" and "Advanced Technology used in manufacturing Industries". It was the "Make in India" concept, where the students saw many small and large-scale industries exhibit their business parts in India and abroad. Different Manufacturing machines and packaging machines were on display.

The students of S3 MBA visited an Industrial Trade to "Pack Plus" on 16-12-2022. Students learned about packaging, converting and supply chain sectors.





The Department of MBA organized a Guest talk by Vijay Raghavan, Trainer at Alice Blue Financial Services Ltd. On "Trading in Stock Market" which was held on 26-12-2022 for 3S students, around 100 Students took part in it.



The Department of MBA organized talk -"Motivational on Successful Entrepreneur" by Disha Desh Pandey, Staggering Solution Pvt. Ltd on 20-12-22 for S3, and around 100 students took part in it.

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

WORKSHOPS / SEMINARS / CONFERENCES ATTENDED

NAME	TITLE	NAME OF THE ORGANIZER	DATE	VENUE
Vasantha S. Raghavendra Rao B.G. R. Latha Sneha Bharti Vani Harave	"Computational Mathematics with MATLAB"	Dept. of Mathematics, Sir MVIT	5-12-2022 and 6-12-2022	Sir MVIT, Bengaluru
R. Latha	"Coding with Python for Mathematics"	Dept. of Mathematics, Sir MVIT	23-12-2022 and 24-12-2022	Sir MVIT, Bengaluru
Sneha Bharti Vani Harave	"Team Building, Motivation & Creativity"	Dept. of Education and Educational Management, NITTTR, Chandigarh	12-12-2022 to 16-12-2022	Online

WORKSHOPS / SEMINARS / CONFERENCES ORGANIZED





A One-day Seminar on "Data Analytic and Insights-Harness the Power of Data" was conducted on 24-12-2022 for S3 students. 60 students participated in the seminar. Mr. Nishanth Koundinya, Data Science Engineer, TCS, was the resource person.



A talk on "Inductry Expectations from the students" was conducted on 24–12–2022 for S3 students. 35 students participated in the seminar.

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Other News

Raghavendra Rao B. G., Assistant Professor, Department of MCA coordinated the SDP "TRENDS IN CYBER SECURITY" jointly organized by Departments of CSE, ISE and MCA, on 30-12-2022, under the auspicious CSI chapter of Sir MVIT, Bengaluru.



Akash Gupta, Md. Firoz Ansari, Rekha R. and Sushma Gangoje- alumni of Sir MVIT, visited the department on 9-12-2022 and interacted with the S3 students. They advised students to be clear with the subject basics, choose a particular domain and upgrade their skill sets in that particular domain. They also stressed on how to build one's profile by taking up various activities and involving oneself in different projects. They threw some light on various job opportunities for MCA students.

STUDENTS ACHIEVEMENTS

- Harshitha K., Shiva Sahani M., Syed Asgar Ahmed, Thanuja H. S., Likitha R., Simran Sinha, Godugunuru Sai Meghana, Ganesh Kodihalli, Anil K. Y. and Abhishek Kumar from S3 MCA, have participated in a 3-day Student Development Programme on "Python Coding with Application Projects & Solutions" organized by the Department of Mechanical Engineering, Sir M. Visvesvaraya Institute of Technology, Bengaluru, from 1-12-2022 to 3-12-2022.
- Manoj K., Manoj M., Kushal M. A. and Kiran B. H. of MCA S3 have won first prize in the BGMI event of the National Technical Fest, ELECTROGREEN '22, held on 16-12-2022 and 17-12-2022, organized by the department of Electrical and Electronics Engineering of Sir M. Visvesvaraya Institute of Technology, Bengaluru.
- Harshitha K., Shiva Sahani M., Simran Sinha and Godugunuru Sai Meghana of S3 MCA have given a presentation on topic "Flower waste is a Menace Outside Temple" in Ideathon 2022, conducted by the Department of Biotechnology, Sir M Visvesvaraya Institute of Technology, Bengaluru, from 15-12-2022 to 17-12-2022.





Computers themselves, and software yet to be developed, will revolutionize the way we learn.

— Steve Tobs

DEPARTMENT OF MECHANICAL ENGINEERING

PAPERS PUBLISHED

NAME/AUTHOR(S)	PAPER PUBLISHED	DATE	NAME OF PUBLICATION/VOL/PAGES
Sampath Kumar L. Shantha V. Janardhana K.	Cell Viability Studies Using Human Gingival Fibroblast, Human Oral Fibroblast Cells and Mechanical L Characterization of Calcite / Zincite Nan particles		World Journal of Advances and Reviews Article, DOI: https://doi.org/10.30574/wjarr.2022. 16.3.1443
Mahaboob Basha Shantha V. Asha Rani A.	Experimental Studies on the Effect of EGR on the Performance and Emission of Dual Fuel Diesel Engine by Response Surface Methodology		International Journal of Current Science, Volume 12, Issue 4, ISSN 2250-1770

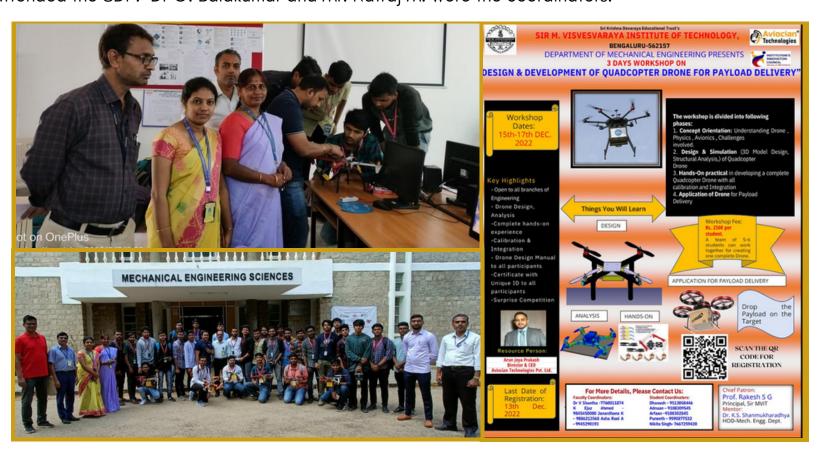
WORKSHOPS / SEMINARS / CONFERENCES ATTENDED

NAME	TITLE	NAME OF THE ORGANIZER	DATE	VENUE
Dr. V. Shantha Dr. G. Balakumar Mr. S. B. Halesh Mr. Janardhana K. Dr. Prashanth S. H. Dr. Hanamantraygouda M. B. Mr. Natraj M. Ms. Asha Rani A.	"Non -Destructive Testing and Structural Integrity"	Sambhram Institute of Technology, Depts. of Mechanical & Civil Engineering	15-12-2022 to 17-12-2022	Online Mode- Google Meet
Ms. Veena B. G.	"Coding with Python for Mathematics"	Sir M. Visvesvaraya Institute of Technology, Dept. of Mathematics	23-12-2022 and 24-12-2022	CSE Seminar Hall

WORKSHOPS / SEMINARS / CONFERENCES ORGANISED



A Student Development Programme on "Python programming with Applications and Solutions" was organized in association with M/S AQMENZ AUTOMATION Pvt. Ltd., from 1-12-2022 to 3-2-2022 for the students of S5. 60 students have attended the SDP. Dr G. Balakumar and Mr. Natraj M. were the coordinators.



A Student Development Programme on "Design and development of quad copter drone for payload delivery" was organised from 15–12–2022 to 17–12–2022, for the students of S5. 60 students attended the SDP. Dr. V. Shantha, Mr. K. Ejaz Ahmed, Mr. Janardhana K. and Ms. Asha Rani A were the coordinators.

FACULTY ACHIEVEMENTS / PARTICIPATION / RECOGNITION

- Under the guidance of Dr. V. Shantha, Professor, at the Department of Mechanical Engineering, R&D Center, Mr. Sampath Kumar L. submitted his Ph.D. thesis to the VTU with the title "Synthesis and characterization of Nano Materials for Restorative Dentistry Application".
- Mr. Mahaboob Basha D. submitted his Ph.D. thesis entitled "Modification of Existing Diesel Engines to Operate on Dual Fuel Engines and Experimental Investigation of Performance and Emission Characteristics of Dual Fuel Engines" under the supervision of Dr. V. Shantha, Professor, Department of Mechanical Engineering, at the Research and Development Center.

FORUM / CLUB ACTIVITIES

Abhikalpana, in association with Kala Kaustubha and Spandana a Social Outreach Club organized a Medical Camp for Children of the neighbouring villages on 18–12–2022. 12 Students from Mechanical Engineering Department coordinated for event.

STUDENT ACHIEVEMENTS

Vamshi V. (S7), Dinesh B. (S5) and Mohammed Samiuddi N. (S5) participated in Kabaddi Tournament at CMRIT held on 14-12-2022 and 15-12-2022.

DEPARTMENT OF CHEMISTRY

International Journal			
NAME	PAPER PUBLISHED (Title)	DATE	NAME OF PUBLICATION /VOL/PAGES
Prashanth G. K.	Room Temperature Columnar Liquid Crystalline Perylene Bisimide as a Novel Corrosion Resistant Surface Film for Mild Steel Surface	December 2022	Journal of Bio- and Tribo-Corrosion, SpringerNature 2022

NEW APPOINTMENTS



Ma DIINITUA

Welcome to
Sir MVIT
Family!!





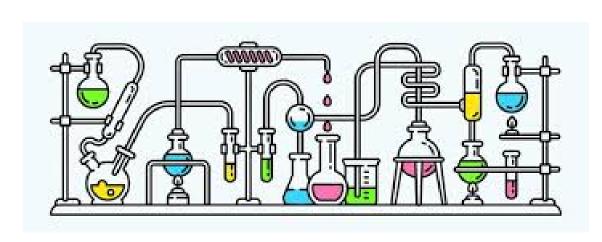
Ms. KAVYA. M .S

Ms. Punitha completed her MSc and joined the Institution on 05-12-2022, as an Assistant Professor in the Department of Chemistry.

Ms. Kavya M S, completed her MSc and joined the Institution on 05–12–2022, as an Assistant Professor in the Department of Chemistry.

OTHER NEWS

- 1. Dr. G. M. Krishnaiah has been appointed as the BOE member in Chemistry, Bangalore University.
- 2. Dr. G. K. Prashanth is elevated as Associate Professor with effect from 12-12-2022.



"All the world is a laboratory to the inquiring mind."

- Martin H. Fischer.

DEPARTMENT OF SPORTS



Sir MVIT Volleyball Men team secured RUNNERS-UP position in State level inter Collegiate Volleyball Men tournament 2022, held from 14-12-2022 to 17-12-2022, at CMRIT, Bengaluru.





Sir MVIT Volleyball Women team secured RUNNERS-UP position in Kabaddi Tournament, held at BMSCE, on 29-12-2022.



Sir MVIT Kho-Kho Women's Team has qualified for the 2022-23 VTU state level tournament.





Sir MVIT Taekwondo team won 2 Gold Medals, 1 Silver Medal, 1 Bronze Medal. Taekwondo Women's Team were the champions at VTU State Level Inter-collegiate Taekwondo Championship 2022, held at S.I.T., Tumkur, on 20-12-2022 and 21-12-2022.



Mr. Pramod M of S7, EEE was selected to represent the VTU Hockey Men team. He participated in South Zone Inter University Hockey tournament 2022–23, held at Bengaluru City University, from 10–12–2022 to 14–12–2022.

KALAKAUSTUBHA

ACTIVITIES HELD 1.AXIOM'22

Axiom'22- an Intra Collegiate Debate Tournament was conducted by SMVIT DEBSOC, debating society of Sir MVIT, under the Literary club- ALEKHYA. The event was held in two phases. The first phase was conducted online on 26-12-2022 and 27-11-2022. The second phase was conducted offline on 28-12-2022. The event witnessed huge participation, with a total of 172 registrations from all branches of engineering as well as from Krishnadevaraya College of Dental Sciences, Sir M. Visvesvaraya School of Architecture, MBA, and MCA departments.

Winners:

Rishav Kumar Singh, 7S, Department of Electronics and Communication Engineering.

Runner-up:

Manmohan Singh, 7S, Department of Electronics and Telecommunication Engineering.

Semi-finalists:

Aakriti Shankar, Department of Biotechnology, 5S., Jaanvi, Department of Biotechnology, 7S.

Best speakers' category:

First-year: Shambavi, Department of Computer Science Engineering.

Second year: Mayank Tripathi, Department of Electronics and Communication Engineering. **Third year:** Rohith Anand, Department of Electronics and Communication Engineering.

Fourth year: Rishav Kumar Singh, Department of Electronics and Communication Engineering.

2.Event on NEP

Pick and Speak and Essay Writing Competitions in Kannada were conducted on 16–12–2022, collaboratively by the cultural Forum of Sir MVIT, Sambhrama – Club of Susamskriti. This event was judged by Dr. Prashanth S.H., Dept. of Mechanical Engineering, Prof. Chandrashekhar B., Department of Mechanical Engineering, and Prof Rajeshwari, Department of ECE. This event aimed to spread awareness about the National Educational Policy to the youth of our college.

There was a total of 58 participants registered for the essay competition and 21 participants for the pick and speak competition, out of which 40 and 13 students participated respectively.

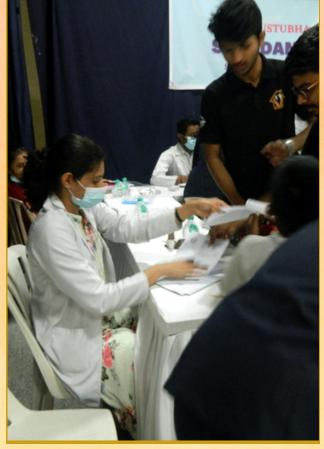
Winners of Pick and Speak.

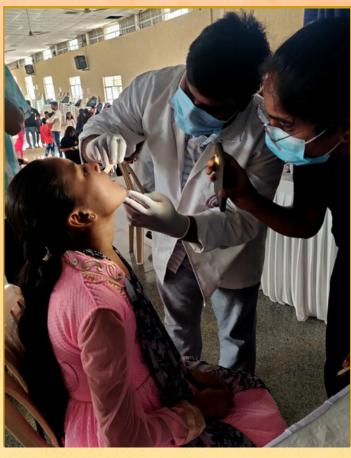
- Sreelakshmi of 5S, Department of Computer Science won the 1st prize.
- Thirumala of 7S, Department of Civil won the 2nd prize.
- Deepthi of 5S, Department of Electronics and Communications Engineering won the 3rd Prize.

Essay Writing Competition

- Anusha H.V of 5S, Department of Computer Science won the 1st prize.
- B. Pavankumar of 1S, Department of Information Science won the 2nd prize.
- Karan of 1S, Department of Electrical and Electronics Engineering won the 3rd prize.

The above winners participated in Inter-College Competitions held at Regional Office, VTU, on 23-12-2022.





3. The Social outreach club of Sir MVIT in association with Abikalpana trust organized a medical camp on 18-12-2022 for underprivileged children in the provenance of campus.

ALUMNI CORNER





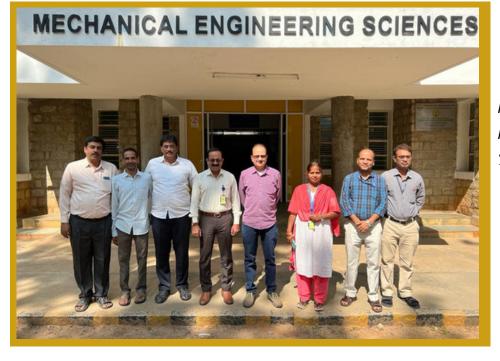
Ms. Lakshya Sivarama Krishnan, featured as one among the 11 leading Indian women in technology industry by women s web, online media tech Company.



Mr. Sunil Govardhan (1995–1999) Civil Alumni, visited the campus on 1–12–2022.



Ms. Aruna Ashwin, AEE, Mr. Murali K and Mrs. Nalini G, AE, KPWD, Bengaluru, visited the campus on 27-12-2022.



Mr. Pratap Verma, Mr. Srinivasa Verma and Mr. Kishore Manthena, Mechanical Alumni (1986-90) visited the campus on 20-12-2022.



Alumni meet was organized on 17-12-2022. 43 alumni, current semester students, and Department faculty members participated in the meeting. All alumni unanimously urged the budding graduates, to get involved in the project activities at the department and build bench skills. Also, they mentioned that participating in the department programs would help the students, develop intangible soft skills, relevant to industries. Alumni also highlighted about higher studies abroad. The alumni expressed their keenness to extend support for the students' projects and various training programmmes.



Mr. Sachin Ranjit and Ms. Padmini Sachin (1998–2002) visited the campus on 26–12–2022.



Mr. Sridhar G, Civil Alumnus (1995–99) visited the campus on 30–12–2022.



Mr. Ramesh Kumar Madakarasira, visited the campus on 27–12–2022.



Mr. Ashwin Jain ,CSE alumnus (2000–2004) visited the campus on 13–12–2022.





Mr. K. V. R Prasad, Associate Professor, Department of Civil Engineering, Chairman-Alumni Committee presented and highlighted the importance, objectives of Alumni association of Sir MVIT. He also highlighted about various Global Ambassadors, proud and prominent alumni of Sir MVIT, in the induction programme for First year students on 6-12-2022.

Crocus Labs, founded by Prashanth Makaram, is one of the 74 companies to be selected for a seven figure grant and follow-on equity funding by the European Innovation Council and SMES Executive Agency (EISMEA).

Mr. Vivek Raghuraman (2001–05), presently working as Director of R & Director Inc, California, USA was the key speaker at India's 1st advanced Semi Conductor Packaging workshop 2022 organized by IEEE EPS IESA held during 1–12–2022 and 2–12–2022 at TAJ, Bengaluru.

ALUMNI SPEAK

I still remember how I was able to get one of the last few seats of CSE in my CET Counselling and was thrilled to do my BE in Sir MVIT. A friend had suggested the college to me and it was the year when MVIT was ranked 2nd in the state for Engineering. The Institute felt like home within the first one week and it just got better with time in the four years I spent here. I have had the privilege to get coached by our then Dean Prof. R. H. Nagabhushan and CSE HOD Prof. Dilip Sen for enormous number of college events for anchoring. I had the privilege of working with so many co-hosts during the four years that I was here hosting multiple events. Verve and Susamskriti were always special with Elocution and Debate being my favourite events. I had the privilege of reperesenting Sir MVIT in many inter-college events including VTU fest. My favourite part of MVIT was its people and the bond we made with the staff, support staff and friends in these four years. Being part of the Alumni Council, I am proud of the exposure that the students of MVIT today have and all the mentorship that is possible due to years of efforts from the Institute and professors. It is always nostalgia to visit the campus and say hello to the professors who taught us. - Lakshya Sivaramakrishnan



Lakshya Sivaramakrishnan Technical Program Manager, Google (CSE 2008 - 2012)



Shweta M Agrawal
Industry Solutions Architect Lead (Europe)
Capgemini
ECE (1998 – 2002)

Those were the best days of my life!! When I entered the portals of this institution, there were a myriad set of emotions that rose and ebbed through my mind.

On one hand, I was excited to join a professional course that I wanted to pursue and on the other side, I was worried if I will be able to fit in. But not only did I find my friends for life, I also found mentors and guides who have shaped the way I think. Teachers and support staff treated us like friends. While in class it was focused discussions, after class hours the teachers transformed into friends who were always there to talk and more importantly listen! Problems in Civil Engg. were made fun by Prasad Sir. I have never seen some one teach engineering drawing as beautifully as Rakesh Sir. His board work was something I was always a big fan of. The flow between fun and knowledge was seamless.

Sir MVIT became the wind below my wings and gave me the confidence to fly. It helped me transition from a quite introvert to confident girl ready to take on the world! The projects we did – both internal and external gave us hands on knowledge, challenged our creative mindset and taught us to work in teams. Sir MVIT also gave me a platform in the form of Susamskriti organizing team, to further enhance myself and realize skills and potential that I never knew I had. Organizing Kalanjali, was a fast-track course in management, lessons from which I still apply every-day in professional and personal life. College life is never complete without the mention of friends. MVIT attracts people from all over the country and I got an opportunity to meet people from all over India and I have had the good fortune to create a lifetime of memories.

I am grateful to this institution for contributing significantly to what I am today and giving me some of the best days of my life!! - **Shweta M Agrawal**



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