IQAC ANNUAL REPORT FOR 2023-24

1. Sammilana-2023-The Global Alumni Meet Alumni Association of Sir MVIT organized the first ever Annual Global Alumni Meet Sammilana-2023, on 12th August 2023. A total of 918 alumni pre-registered for the event, with 753 opting for in-person attendance and 165 choosing virtual participation. Notably, 650 alumni graced the event physically, making it a grand reunion. For those participating online, the event was live-streamed on the institute's YouTube channel. The formal alumni meet function commenced at 5:45 PM and featured distinguished guests. The event was presided over by Dr. A. C. Chandrasekhar Raju, President, Sri KET. The event was graced by the presence of several dignitaries from Sri KET, including Sri K.V. Sekhar Raju, Vice President; Sri K. Syama Raju, Secretary; Sri K. Muniswamy Raju, Founder Trustee, Sri V. Srinivasa Raju, Founder Trustee; Sri N. G. Raju, Trustee. Dr. G. Jagadeesh, Professor, Department of Aerospace Engineering, IISc, was the Chief Guest. Dr. M. Dhanamjaya Raju, Vice Chancellor, Reva University was the Guest of Honor. On 25th February 2023, the IQAC submitted the AQAR report for 2021-22, which was subsequently accepted by NAAC.

2. Sir MVIT celebrated the 77th Independence Day on 15th August 2023. Shri G. Prabhakar Raju, Trustee - Sri KET & Chairman - Academic Committee and Principal, Prof. Rakesh S. G. unfurled the National flag. The staff and students gathered to commemorate the anniversary of India's freedom, with parades, cultural performances and speeches highlighting the significance of this historic day. Mr. Shashidar Hegde of S2(ISE), spoke on the importance of Independence day. On this auspicious day, Mr. Shivarajan E. K., father of National Security Guards commando Lt. Col. Niranjan Kumar was felicitated. Lt. Col. Niranjan Kumar was an alumnus of Sir MVIT, who was one among the 7 martyrs in the Pathankot attack of 2017.

3. An Industrial visit to CSIR-CIMAP, Bengaluru was arranged on 11th August 2023 on account of Annual Day, celebrated by CIMAP. 35 students from S4 participated in the visit. Students were exposed to a wide variety of aromatic plant species and their various applications. Lab visits and field visit were organized by the CIMAP researchers. During the lab visits, experts explained about the research done by the scientists at CIMAP and also about the internship and project opportunities. This visit was coordinated by Dr. Halima R. P

4. The department of CSE had organized a "TEDx TALK" by Mr. Krithik Vijayakumar, CEO of Futura Robotics, CTO of the First Step, Youtuber and Online Robotic Trainer Specialist, on 14th August 2023. The students of S4 and S2 from all the branches attended the session. The event was coordinated by Dr. Anitha T. N., Dr. Savita Choudhary and Dr. Soumya Patil.

5. The department of Civil Engineering had organized an awareness programme on "Energy Conservation" for the Government High School students in Bettahalasuru, Bengaluru on 17th August 2023 as a part of AICTE activity. Students of S4 educated and created awareness among the school students about the need for innovative methods to reduce energy consumption. The event included presentations, interactive sessions and hands-on activities. 120 students from 8th and 9th grades participated in the program.

6. Student Induction Program (SIP) Phase-I

The institute organized 10-Day "Student Induction Programme (SIP) Phase-I" for the newly admitted first-year B.E. students as per AICTE-VTU requirement from 11th to 22nd September 2023. The programme aimed to familiarize students with their academic environment, follow healthy routines, inculcate universal human values. Over 400 students from S1 participated in this 10-day programme benefitting from a variety of activities and expert lectures. The schedule included visits to historical/heritage places, awareness sessions, motivational speeches, technical club activities, cultural programs, well-being counseling and technical talks. This comprehensive induction programme is aimed at supporting students' personal and academic growth, ensuring a smooth transition into college life.

7. The department of MBA had organized a 3-Day SDP on "Intellectual Property Rights" from 23rd to 26th September 2023 . The resource persons for the SDP were Ms. Rajitha T.R., an Indian Patent Agent, Dr. Mahesh K., Professor, Dept. of EEE and IPR Coordinator (IIC), Sir MVIT, Dr. Priyanka Sharma, Associate Professor & Head, Ms. Deepthi J.R., Assistant Professor, Dept. of Management Studies. 118 students from the 2nd year MBA participated in this programme. The objective of the programme was to provide practical knowledge and insights into Intellectual Property Rights.

8. Susamskriti volunteers coordinated various fun games and activities for the faculty members and the staff during Teachers' day celebrations on 5th September 2023. Susamskriti team (Sunaada and Laasya clubs) performed dances and songs in the afternoon session during "AARAMBH".

9. The department of Civil organized One day workshop in collaboration with SMEC, Surbana Jurong on "Curating Innovative Future Technologist" on 11th October 2023 at M. V. Seminar Hall. 58 students from S7 participated in the event. The objective of the program was to provide the students with hands-on experience and practical skills in using software tools and to introduce students to new software applications, frameworks, or technologies that are relevant to their academic studies, future careers, or personal interests. The event was coordinated by Mr. K.V.R. Prasad, Ms. Anitha J. and Ms. Tamil Selvi N.

10. The department had organized an Industrial visit to BMRCL, Byappanahalli, Bengaluru on 10th October 2023. Dr. Mahesh K. was the coordinator of the visit. 122 students of S7 took part in the visit.

Industrial Visit

11. The department of ISE had organized a One day workshop on "Innovative Techniques in Machine Learning" on 11th October 2023 at the CSE Seminar Hall. The resource person for this workshop was Mr. Maria Navin R., Faculty Member from SVCE. 60 students from S7 participated in the event.

12. An Internal Hackathon was conducted by Sutantra-the technical encapsulate of Sir MVIT, in association with IIC-Sir MVIT along with IEEE Student branch on 27th Sept 2023, at Marconi Seminar Hall from 10:00 AM. The main objectives of the event were to educate the young innovators on the Smart India Hackathon 2023, to understand the process of addressing any problem with a social cause, linking the technology that they are aware of to solve any problem that is the need of the hour. Various government initiatives to promote innovation and entrepreneurship were also highlighted.

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

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

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

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

16. Basketball Tournament:

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

17.'Kalanjali' - Annual Inter-Collegiate Cultural Festival, of Sir MVIT, was held at Sir M. Visvesvaraya Institute of Technology campus, showcasing a vibrant array of cultural performances from more than 450 participants from 45 colleges across Karnataka. The festival took place on 15th and 16th December 2023.

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

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

Interactive Session on Career Opportunities in India and Foreign Universities

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

21. The ETE department organized a 3-Day symposium, "Teleposium 2.0", from 21st to 23rd December 2023. The aim was to encourage collaboration and knowledge exchange among the students from all semesters. Prof. Rakesh S. G., Principal and Sri G. Prabhakar Raju, Academic Committee Chairman, presided over the inaugural function, with Dr. E. Kavitha as the event convener. The events conducted were paper presentation, robothon, mini project, technical quiz, JAM, turn coat, BGMI and treasure hunt. 182 participants from all the semesters across all the branches, took part in different events. The event was concluded with the valedictory function and

Mr. Abhishek Jamuar, the Founder and CEO of Obeya, was the guest of honour. The winners were awarded with cash prizes and all the participants were given the certificates. The faculty coordinators were Ms. Swetha B.M., Ms. Akila P., Ms. Sandhya B.S., Ms. Savita A. Harkude, Mr. Faiz Mohammad Karobari, Ms. Madhu Kumari Ray and Ms. Sudha J. The student coordinators were Abin Mathew, Manmohan Singh and Vibha B. R.

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

23. The departments of AI&ML, CSE and IoT organized an IIC activity, "National Start-up Day" on 23rd January 2024. The resource person for the event was Mr. Ujwal Kumar, Founder and CEO, Zintlr. The program aimed to encourage and showcase students' interest in business solutions and their creative abilities to become entrepreneurs and lead startup companies.

Students were encouraged to interact with the speaker, sharing their innovative ideas and gaining exposure to innovative concepts in computer science. This provided them with a unique opportunity to interact with the young CEO and learn about the opportunities and challenges in entrepreneurship. 100 students of S3 and S5 participated in the event. The event was coordinated by Dr. Soumya Patil, Ms. Mayuri K. P. and Dr. Savita Choudhary.

24. The Department of ISE, in association with the Institution's Innovation Council had organized "National Youth Day" on 12th January 2024, to commemorate Swami Vivekananda's Jayanti. The event took place at Marconi Seminar Hall and aimed to impart innovative ideas and motivation for initiating startups, fostering entrepreneurship among young engineering students and faculty through interactive sessions and insights from resource persons. The resource persons were Mr. Gaurav Kunal, Founder & CEO of Softobotics and Dr. E. Kavitha, Professor & Head, Department of ETE & Innovation Ambassador. 68 students from S1, S3 and S5, along with ten faculty members, attended the event. The coordinators of the event were Ms. Sowjanya Lakshmi, Dr. Sheshappa S. N., Ms. Suguna M. K. and Mr. Vijaya Kumara Y. M.

25. Sir M. Visvesvaraya Institute of Technology, Bengaluru, entered into a Memorandum of Understanding with Grahtek on the 9th January 2024 to establish an IndustryAcademia relationship focusing on Industry readiness training and certification.

26. Sir MVIT celebrated the 75th Republic Day on 26th January 2024. The program commenced with a Parade and March Past by students of Sir MVIT, led by Shashidhar of S7, EEE branch, followed by the unfurling of the National flag by Principal Prof. Rakesh S. G., and the National Anthem. Ms. Sneha S., S5, BT, delivered the Republic Day speech. A cultural program by students was organized from 10:30AM to 11:45AM in the CSE Seminar hall. Students from Sunaada-the music club of Sir MVIT, sang patriotic songs. Skits on patriotic themes were performed in Kannada and Hindi, by the students of Hongirana, the Kannada club and Rangataranga, the theatre club of Sir MVIT.

27. The CSE department organized a 3-Day Campus Recruitment Training from 2nd to 4th January 2024. The resource person for the event was Mr. Nithin N., Technical Trainer & Vendor, SST Technologies, Bengaluru. This program was a comprehensive training module lasting 90 hours, covering preparation for aptitude exams for the initial screening rounds of companies, resume writing, group discussions, personal interviews and more. 120 students from S3 participated in the event. This event was coordinated by Dr. Savita Choudhary, Ms. Mayuri K. P. and Mr. Suraj Kumar B. P.

28. The ETE department organized an industrial visit for the participants of Teleposium 2.0. They were taken to Obeya, a start-up company on 21st January 2024. 40 participants from various semesters and branches actively participated. They gained valuable insights into the operations of a start-up and had discussions on innovation and start-up ideas. Dr. E. Kavitha, Prof. & HoD, coordinated the event.

29. The ME department organized an Industrial Visit to Government Tool Room and Training center, Bengaluru on 4th January 2024. This visit provided students with an insight into the real time working environment, including workstations, plants, assembly lines, machines, systems and also interaction with highly trained and experienced personnel. 31 Students from S3 participated in the visit. This event was coordinated by the following faculty members Dr. V. Shantha, Mr. K. Ejaz Ahmed and Ms. Asha Rani A
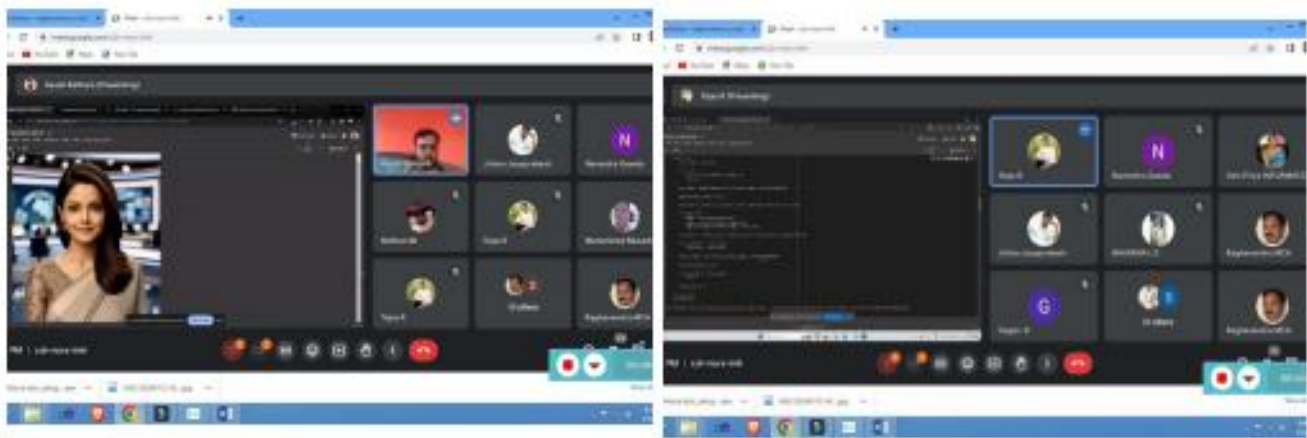

30. The MCA department, in association with the Computer Society of India, Sutantra and Institutions' Innovation Council organized "HACKATHON-2023" on 13th January 2024. Mr. Sagar, Co-founder and Mr. Jishnu Kumar, Machine Learning Engineer, Valuepitch e-Technologies, were the judges and mentors for HACKATHON-2023. The primary objective of this Hackathon was to unite students with technical backgrounds, on a single platform to tackle problems and cultivate innovative ideas. This event enabled participants to refine their IT skills, connect with like-minded individuals in their field and exchange ideas with one another. 37 students from different semesters across all the branches participated in the event. This event was coordinated by Mr. Raghavendra Rao B. G. and Mr. Vasantha S., Assistant Professors in the department

31. The department of Electronics and Communications Engineering, under the aegis of Institution's Innovation Council, organized a workshop on "Entrepreneurship Skill, Attitude and Behaviour Development" on 15th February, 2024. The resource person of the event was Dr. Nandkishore Rathi, Founder and CEO, Loratis, Bengaluru. This program was aimed at providing an opportunity for aspiring students, early stage startup founders to develop their entrepreneurial skills, foster an entrepreneurial attitude and promote entrepreneurial behavior. 50 students from S5 participated in the event. Ms. Krishn apriya S. Sharma, Ms. Praveena N. and Dr. Poongothai C. were the faculty coordinators.

32. The Department of CSE (IoT, Cyber Security with Block Chain Technology), in collaboration with Institution's Innovation Council, organized a workshop titled "Design Thinking, Critical Thinking, and Innovation Design", on 22nd February 2024. The resource person for the workshop was Mr. B. S. Lokesh, Founder Director of Agastya Academy, Bengaluru. The objective of this workshop was to familiarize students with the design process as a tool for innovation, enhance their professional skills in client management and communication, and highlight the importance of building a local network. 80 students from S3 participated. Dr. Savita Choudhary was the faculty coordinator of the workshop.

33. Department of Civil organized as part of the Pollution Control Day Awareness Program, the department of Civil Engineering, under the aegis of the Institution's Innovation Council organized a quiz event on 19th and 20th February 2024. 173 students across various departments participated. The primary objective of this event was to develop critical thinking and observation skills among students and apply them to analyze problems or questions related to the environment. By participating in the quiz, students were able to stimulate their minds with real-world inspiration and cultivate a sense of environmental awareness and responsibility. The event was coordinated by the following faculty members, Ms. Tamil Selvi N., Dr. Pradeepa S. and Ms. Subhadra G. D. As part of the Pollution Control Day Awareness Program, the department of Civil Engineering, under the aegis of the Institution's Innovation Council, Kalakriti and Alekhya clubs, organized a Debate competition on "Political Awareness Related to Environment" and a Drawing competition on "Artistic Solutions for a Cleaner Tomorrow" at Sir M.V. Seminar Hall on 21 st February 2024. 39 students participated in these

events, showcasing their talents and insights on environmental issues. The Drawing competition provided students with a platform to express their ideas and solutions for a cleaner environment through artistic means. Debate competition focused on raising awareness related to the environment, encouraging students to engage in informed discussions and debates on key environmental issues and policies.

34. The Department of EEE, in association with Institution's Innovation Council organised a 2-Day workshop, "Innovate for Impact: Idea Pitching and Demo Day" from 27th February 2024 to 29th February 2024. 120 students of S3 and S5 attended this workshop. The resource person was Dr.V.Suresh Babu, Deputy Director at PSTI, Ministry of Power, Government of India, Bengaluru.The main objective of this program was to encourage the students to think creatively and develop innovative solutions to address complex societal challenges. Presentations encompassing hardware, ideas, both oral and written, were showcased. Mr. Bhaskar C., Ms. P. Kezia Joy Kumari and Mr. V.Rajesh Kumar were the faculty coordinators.

35. The department of BT organized an industrial visit to Bayer Crop Sciences on 7th February 2024. 15 students from S5 visited the company along with faculty coordinator Dr. Rashmi K.V. The visit aimed to provide students with practical insights into the operations and technologies

employed in the agricultural industry. An introductory session was conducted to familiarize the students with the company's history, mission and its contributions to agriculture. The students were taken on a comprehensive tour of the Bayer Crop Sciences facility. They were guided through various laboratories. This visit was an enriching experience for the students as it offered them a glimpse into the dynamics of the agricultural industry and the role of technology in addressing global food security challenges.

36. The department organized site visit to Steel Structure Construction at Sir MVIT campus, Block 5 on 1st February 2024. This visit aimed to familiarize students with the practicalities of steel structure construction, offering insights into structural design, fabrication and erection processes, and also to encourage interaction between students and industry professionals. The site visit provided students with valuable firsthand exposure to real-world construction practices. 50 students from S3 and S5 took part in the visit. The event was organized by the following faculty members, Ms. Anitha J. and Ramya N. and Dr. Pradeepa S. and Ms. Tamil Selvi N. were the faculty coordinators.

37. The team Electrimo comprising of 20 students from S3 and S5 participated in the "AIMS E-KART National Level Championship", held in Coimbatore from 26th to 29th February 2024, under the guidance and mentorship of Dr. Mahesh K. The team received the following awards: Best Innovation Award Best Lightweight Vehicle under EV Best Built Quality Award Best Safety Award Best Social Media Influencer Award. The team Electrimo was also the winner under the "Special Endurance for Women" category.

38. Department of ECE-IEEE Photonics Society Student Chapters of Sir MVIT and RNSIT, in collaboration with CADFEM India, organized a 2-Day hands-on workshop on "Photonics Simulations using Ansys Lumerical" on 28th and 29th February 2024. The workshop aimed to foster a design ecosystem for integrated photonics, leveraging workflows for photonic component and circuit designs through Ansys Lumerical software. The workshop provided insights into the utilization of Ansys Lumerical tool for photonic integrated circuits (PIC) simulations. 15 students from S5 and 2 faculty members from Sir MVIT participated in the workshop. In total, 35 participants attended the event, including 18 external participants from the institutions such as the Indian Institute of Science, Cochin University of Science and Technology, Vemana Institute of Technology, RNSIT, The National Institute of Engineering, Mysore, Ghousia College of Engineering and Malnad College of Engineering Hassan. CADFEM India generously shared a total of 25 licenses of Ansys Lumerical software, enhancing the learning experience of the participants. Ms. Vijayashri V. Belgaonkar, Assistant Professor, Department of ECE, Sir MVIT, and Dr. Ibrar Jahan, Assistant Professor, RNSIT, Bengaluru coordinated the event.

39. The department organized a 1-Day workshop on GitHub for S3 students on 22nd February 2024, at the CSE seminar hall. The workshop aimed to provide participants with an understanding of the fundamentals of Git, a version control system widely used in software development, and to teach them how to set up Git, manage repositories and collaborate with others using Git. The resource person was Mr. Bhargava R., Technical Head at Impavid Technologies, Bengaluru. 115 students from S3 attended the workshop. Faculty members Mr. Vitesh M., Mr. Vijayakumara Y. M., Mr. Raghav S. and Ms. Suguna M. K. coordinated the event.

40. The department of ME organized an Industrial Visit to Emmvee Solar Systems Pvt Ltd, Dobaspet, on 1st February 2024. This visit provided students with insights into the integrated manufacturing facility and a deeper understanding of supply chain management, showcasing the latest technology that adheres to global standards and requirements. 29 students from S3 actively participated in the event. Emmvee Solar Systems Pvt. Ltd.'s new solar cell and module line facility stands as a testament to its global presence in manufacturing and supplying high-quality and efficient Solar PV modules. This event was coordinated by the following faculty members, Dr. V. Shantha, Mr. K. Ejaz Ahmed, Ms. Asha Rani A. and Dr. Janardhana K.

41. The department of MCA organized a 2-Day SDP on "Emerging Trends in IOT & React JS Applications" on 9th and 10th February 2024. The resource persons of the event were Dr. Nirmala Hiremani, Assistant Professor, Visvesvaraya Technological University - PG centre, Muddenahalli and Mr. Karthik Ramesh, Team Lead, Capgemini, Bengaluru. This program was aimed at enhancing practical skills of the students with demonstration of the projects using Arduino boards and sensors. It also helped students to learn front-end design using React JS tools. 41 students from S3 participated in the event. Mr. Raghavendra Rao B. G. and Mr. Vasantha S. were the faculty coordinators.

42. The department of MCA organized a visit to Mylanahalli village to facilitate the Societal Project prescribed in the VTU curriculum for S3 students on 14th February 2024. 52 students from S3 attended the visit. Students got the opportunity to have a discussion with students of Mylanahalli Government Primary School, farmers and villagers about their problems, which are also the problems faced by the society as a whole. This visit was coordinated by the following faculty members, Ms. Vani Harave and Ms. Sneha Bharti.

43. The Department of MBA organized a 3-Day Marketing Conclave on the "Impact of AI on Socio-cultural & Economic Dynamics of Society" from 6th to 8th February 2024. The resource persons for the event were Mr. Braj Kishore Gupta, Founder and Chief Mentor at GiantStep; Mr. Harsha Gatt Sridhar, Associate Vice President at Camsdata; Mr. Pradipta Roy Choudhary, Professor In school of Architecture and Ms. Sandra Joyce, HR Business Partner at Needle

Innovision. This program was designed to enhance practical skills, making participants more marketable in the professional world. The Conclave provided valuable insights into recent trends in Artificial Intelligence, offering students the opportunity to present their ideas on AI's impact on various sectors. It served as a platform for students to update themselves with new knowledge and prepare for emerging job opportunities in the market. On day 2 and 3, the event continued with the Business Wizard and Student Presentation competitions, focusing on the intersection of business and artificial intelligence across different sectors. 117 students from different specializations actively participated in the event. Ms. Deepthi J. R., Ms. Banishree Sukla and Ms. Priya Choudhary were the faculty coordinators.

44. Department of ECE-IEEE Student Branch in association with CoreEl Technologies Ltd., conducted a 2-Day Student Development Program on "Image and Signal Processing Workflows using Matlab" on 27th and 28th February 2024 for students S5, ECE. The event was supported by HoD Dept of ECE and coordinated by Phanindar Ravi P., IEEE Student Branch Counsellor and the EXE-Com IEEE-SB. 40 participants took part in the SDP and participation certificates were given to all the participants.

45. The Techhub - The Technical Club at Sir MVIT organized a 2-Day workshop on "Machine Learning" for UG and PG students on 31st January and 1st February 2024, at the MCA Seminar Hall. The speaker for this program was Harsh Raj, a student of S5 from ISE branch. The objective of the session was to provide participants with knowledge about the machine learning process and techniques. 78 students attended this workshop and the event was coordinated by Ms. R. Latha, Assistant Professor, Department of MCA.

46. GLUG-MVIT and TECHHUB-MVIT jointly organized an orientation talk on "TECHVISTARA 3.0" for first-year UG students on 3rd January 2024, at the New Auditorium. The speakers for this program were Ankit Josh, Rishabh Kumar, Arunita Sahu, Sumit Pathak, Arup Gope, Mehul Jaiswal, Utkarsh Kumar, Kushagra Agarwal and Shreya Vishwakarma from S5 across all branches. TECHVISTARA 3.0 aimed to provide an overview of trending tech domains such as Web Development, App Development, Ethical Hacking, Data Structures and Algorithms, System Design, as well as other essential topics like personal branding. Following the sessions, a quiz was conducted for the participants. The event witnessed a turnout of over 200 students. It concluded with a prize distribution ceremony and the collection of feedback from the attendees. Ms. R. Latha and Dr. Suma Swamy coordinated the event.

47. The 10-Day Students Induction Program (SIP) Phase-II for the first year B.E. students from 10 branches was conducted at main auditorium from 6th March to 19th March 2024. Phase-II of the Students Induction Program served as a continuation of the orientation process initiated in Phase-I. It aimed to further familiarize students with the academic environment, campus resources and other policies. The sessions consisted of activities and events in line with the AICTE and VTU directives. More than 600 students benefited from this 10-Day program.

48. The CIVIL department organized a Project Based Learning Activity on 13th March 2024 at Sir M. V. Seminar Hall. This program was aimed at exploring the index properties and geotechnical characteristics of soil, which are crucial for Geotechnical Engineers and professionals engaged in construction and infrastructure projects. 19 students from S5 participated in the event. Ms. Subhadra G. D., Ms. Bhavya S. and Mr. Sriram Mustapure were the faculty coordinators.

49. The department organized a 1-Day workshop on "Current Technology of Network Security in Real Life Scenario with Innovative Approaches", on 9th March 2024. The resource person for the event was Ms. Meghana C. R., Senior Team Lead/ Manager, NTT Data, Bengaluru. This program was aimed to give an idea on how important is security in technology in a real life scenario. It also helped students to learn how companies ensure network safety in various ways. 32 students from S1 participated in the event. Ms. R. Latha was the faculty coordinator of the event.

50. The department of MBA organized an Industrial visit to ITC Malur on 9th March 2024, intending to gain insights into manufacturing processes within the FMCG sector. ITC Malur, a leading conglomerate, showcased its manufacturing operations, emphasizing sustainability practices and technological advancements. The students toured various departments, interacted with industry professionals and observed automated production lines and quality control measures. The visit provided a practical understanding of production, insights into industry challenges and career opportunities and valuable networking prospects. It was a rewarding experience, enhancing students' knowledge and preparing them for future endeavors in the FMCG industry. 39 students from S3

took part in the visit. Ms. Banishree Sukla and Ms. Priya Choudhary, faculty members in the department coordinated the visit

51. The Graduation Day for the BE 2020-2024 batch was celebrated on April 19, 2024, on a mega scale. Hon. Justice N.S. Sanjay Gowda of the High Court of Karnataka was the Chief Guest, and Dr. Sudhir Kamath, Director of the Defence Industry Academia Raman Centre of Excellence at the Indian Institute of Science, was the Guest of Honor. The event was presided over by Dr. A.C. Chandrashekhar Raju, President of Sri KET. Distinguished office bearers from Sri KET, including Vice-President Sri K.V. Sekhar Raju, Secretary Sri K. Syama Raju, founder trustees Sri K. Narayana Raju and Sri V. Srinivasa Raju, and trustee Sri N.G. Raju, honored the occasion with their presence.

52. KALAKAUSTUBHA : Alekhya Literary Club, under the aegis of the Susamskriti, organized the Debsoc Premiere League Debate Tournament from 25th to 29th April 2024. 35 students across various branches and semesters actively participated in the Event. The event commenced with an online Debsoc Premiere League auction, where all the students who had registered their names to participate were auctioned. There were four teams, each led by a captain. This hybrid tournament drew inspiration from the IPL in cricket, seamlessly orchestrating everything from the auction to the various rounds. The primary objective behind organizing this tournament was to provide a platform for every debate enthusiast while simultaneously nurturing a debate culture among all students, offering them unique learning experiences. The tournament commenced on 26th April, featuring a total of four rounds of debates. On 29th April, the finals took place between MVIT Challengers and Sunrisers MVIT. After an intense round of debating, the Challengers were eventually announced as the winners. All winners, including the best speaker of each year, were awarded prizes. Ms. Tamil Selvi N. was the faculty coordinator of these activities.

53. The ME department organized an ASME Student Seminar on "Event Budding Engineers", on 3rd April 2024. This program was aimed at providing opportunities to connect with industry experts to enhance technical skills, expand industry awareness and broaden perspectives, through a wide range of events, seminars and workshops. 12 students from S2 and S8 participated in the event. The Participants presented their innovative ideas and were awarded with cash prizes. The judges of the event were Dr. V. Shantha and Ms. Asha Rani A. This event was coordinated by Dr. K. S. Shanumkharadhya, Professor and Head.

54. The IoT and AI&ML departments, in collaboration with the Institution's Innovation Council (IIC), organized a celebration activity, "National Technology Day", on 11th May 2024. The event featured Dr. Kamli, Chief Scientist & Group Head of the Flight Mechanics & Control Division at NAL (National Aerospace Laboratories), as the resource person. The objectives of the event were focused on promoting technological literacy, highlighting innovation and fostering digital inclusion. 115 students from S3 of CSE(IoT) and AI & ML actively participated in the event. Dr. Savita Choudhary and Dr. Soumya Patil coordinated the event.

55. The ETE department, in association with Institution's Innovation Council (IIC), organized an event, "Brain to Business" on 22nd and 23rd May 2024. The session aimed to inspire young minds by raising awareness about innovative ideas and enhancing their business skills. Around 50 students took part in the event and presented the business ideas. The jury members were Dr. E. Kavitha, Professor and Head of Electronics and Telecommunication Engineering, Dr. Savita Choudhary, Head of CSE(IOT and Cybersecurity including Block Chain Technology) and Dr. Poongathai, Associate Professor, Dept. of Electronics and Communication Engineering. The faculty coordinators were Ms. Swetha B. M. and Ms. Akila P.

56. The Department of MBA, in association with the Institution's Innovation Council, organized a session on "How to Plan for Start-up & Legal and Ethical Steps" on 27th May 2024. The resource persons for the event were Mr. Anushruth Manchi, Entrepreneur, Speaker, Finance Mentor and Business Head at The Trading Funds and Mr. Rahul Parmar, Educationist, Media & Entertainment Entrepreneur. The program

aimed at building entrepreneurial skills and fostering innovative thinking for MBA students. 98 students from S1 participated in the event. The event was coordinated by Ms. Deepthi J. R. and Ms. Priya Choudhary, Assistant Professors. The convenor of the event was Dr. Priyanka Sharma, Associate Professor and Head, Department of MBA.

57.Sir MVIT–KSCST IP CELL, in association with the Institution's Innovation Council and the Department of EEE, celebrated "World Intellectual Property Day" on 8th May 2024. The celebration focused on the theme "IP and the SDGs: Building our Common Future with Innovation and Creativity - Build our Common Future and Achieve the Sustainable Development Goals (SDGs), We Need to Re-think How We Live, Work and Play." The main objective of this event was to encourage and amplify innovative and creative solutions crucial for building our common future. This celebration was organized to inform participants about the role of Intellectual Property Rights in encouraging innovation and creativity. A total of 100 participants actively took part in the event. Various competitions like Quiz, Essay Writing and Idea Submission were conducted, and prizes were distributed. The event was coordinated by Dr. Mahesh K., the IPR Coordinator.

58. The Internal Quality Assurance Cell at Sir MVIT organized a 1-Day FDP on "Quality Assurance in Research Publications: Strategies and Methods" on 22nd May 2024 in the Science Seminar Hall. The resource person for the event was Dr. Shreyas Suresh Rao, Associate Professor, Department of CSIS, WILP Division, BITSPilani. This program aimed to enhance the quality of research publications through effective strategies and standards. The FDP provided faculty with insights into maintaining high standards in research publications, including ethical considerations, peer review processes, the importance of transparency and reproducibility, ensuring the quality and integrity of research outputs, and the verification process for Scopus, Web of Science and UGC journals. It also emphasized the need to identify the right journal for research. Around 120 faculty members participated in this event. The event was coordinated by the members of IQAC subcommittee, Ms. R. Latha, Dr. Poongothai C., and Dr. Halima R.

59. The department organized a one-day hands-on session on "Innovative and Practical Approach-Based Teaching in Biology" for rural school teachers from Agastya International Foundation, Bengaluru, on 25th May 2024. A total of 26 biology teachers

from various parts of Karnataka and Andhra Pradesh participated in the session. These teachers learned various methods of DNA extraction, DNA quantification and the study of divisional stages in mitosis and meiosis. Before the laboratory session began, all theoretical concepts and applications of these experiments were taught to the participants. After the session, feedback was collected, and all participants expressed their gratitude for the opportunity. Dr. H.G. Nagendra, Professor and Head, addressed the participants, welcoming them to the Institute for any technical and academic support. Mr. Suresh T.S., General Manager of Agastya International Foundation, accompanied the participants and also expressed his gratitude to the department, institution, and management for supporting such noble events. Dr. Rashmi K.V., Associate Professor in the department, coordinated the event.

60. JAIVIK Forum of Department of Biotechnology under the aegis of Institution's Innovation Council, Sir MVIT organized a field visit on 22nd May 2024, to the Centre for Cellular and Molecular Platforms (C-CAMP). C-CAMP is an Innovation and Incubation Centre that facilitates and promotes innovation and entrepreneurship in the Biotechnology domain. The purpose of this visit was to create awareness among the students about the various opportunities available for entrepreneurs. Through this visit students were able to explore the entrepreneurship opportunities, various research and training facilities available, project/internship opportunities provided by CCAMP and NCBS. 30 students from S6 participated in this visit. Dr. Rashmi K.V. was the faculty coordinator of the visit.

61. The department of MBA organized an industrial visit to Karnataka Soaps and Detergent Limited, Bengaluru, on 13th May 2024, aiming to provide students with insights into manufacturing processes within the FMCG sector. Karnataka Soap and Detergent Limited showcased its operations, highlighting sustainability practices and technological advancements. Students visited various departments engaged in interactive sessions with industry professionals and observed automated production lines and quality control measures. This visit offered a practical understanding of production, insights into industry challenges and career opportunities and valuable networking prospects. It was a rewarding experience that enhanced students' knowledge and prepared them for future endeavors in the FMCG industry. 55 MBA students from S3 participated in the industrial visit. The faculty coordinators were Ms. Priya Choudhary and Ms. Banishree Sukla, Assistant Professors.

62. The department of MBA organized a 3-Day Student Development Program on "Business Statistics Using SPSS" from 15th to 17th May 2024. This programme aimed to impart essential statistical skills and SPSS proficiency to 117 first-semester MBA students,

preparing them for analytical challenges in the business world. Day 1: Introduction to Business Statistics and SPSS: On the first day, Ms. Banishree Sukla, Assistant Professor, Sir MVIT introduced fundamental concepts of business statistics and the basics of SPSS, emphasizing the importance of hypothesis testing and variable analysis. Day 2: Data Analysis and Interpretation: Mr. Madhan Thukkaraman, Executive Director, led the second day's sessions, focusing on the application of statistics in real business scenarios. He discussed the significance of statistical analysis in decision-making processes and how businesses leverage data to gain insights. Day 3: Practical Sessions on data analytics using SPSS: On the final day, under the guidance of Dr. Priyanka Sharma, Head of the Department, the sessions delved into advanced statistical techniques such as regression analysis and ANOVA. Students engaged in hands-on activities, analyzing datasets and applying their statistical knowledge to practical scenarios. The program was coordinated by Ms. Banishree Sukla and Ms. Priya Choudhary.
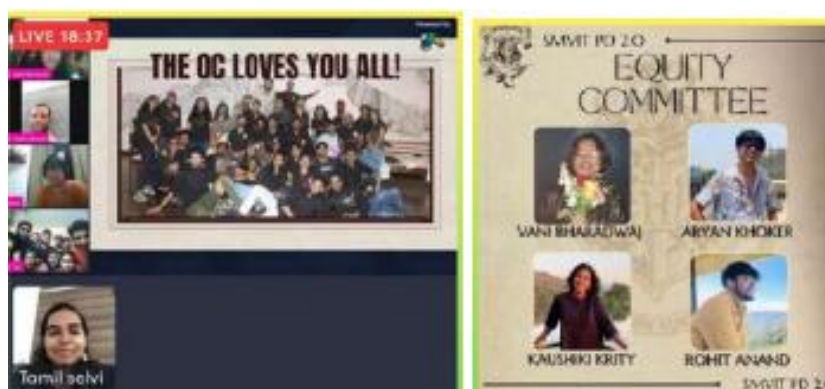

63. KALAKRITI - The Fine Arts club of Sir MVIT, conducted the Art Out of Trash Competition, on 22nd May 2024, at Sir M. V. Seminar hall, in which 15 students from all the branches and semester participated.

64. Under the patronage of Susamkriti, the Alekhya Literary Club orchestrated an inter-college Parliamentary Debate tournament spanning from the 24th to 26th of May 2024. Ms. Tamil Selvi N. is the faculty mentor for this club. It was known internationally and used the Asian parliamentary style. More than 200 people from all over the world took part. Top debaters and judges from famous Indian schools like IIT, IIM, VIT, NLU, joined in. There were also participants from places like Hong Kong, Africa, Singapore, Pakistan, Philippines and Bangladesh. The main judges were Collins Chinoso, Kelvin Kwabena and Lia Denise Tan. Their expertise made sure the competition was of high quality. It became the second biggest debate contest ever in South India.

65. The Department of EEE, in association with the Institution's Innovation Council, organized a 2-Day workshop on "Business Canvas Model (BCM) for Early-Stage Entrepreneurs" on 7th and 8th of June 2024. Mr. Shiv Varun Singh Rajput, CEO, Nautical Wings Aerospace, was the resource person. The main objectives of this workshop were to introduce participants to the Business Canvas Model framework, guide them through the process of developing and analyzing their business models,

provide hands-on experience in creating a BCM tailored to their specific business ideas and facilitate peer feedback and mentorship to refine and enhance these business models. The faculty coordinators of this event were Mr. Bhaskar C., Ms. P. Kezia Joy Kumari and Mr. Pradeep Kumar.

66. Nisarga - the Eco Club conducted an expert talk on "Environment and Sustainable Development", commemorating World Environment Day on 5th June, 2024. About 20 students from the various branches and semesters and volunteers of Nisarga participated in the event. The event started with a brief significance of the World Environment Day by Ms. Karthika, 4th semester, BT, followed by the introduction of the resource person Dr. Bharath M., Assistant Manager, Sustainability Department, RITES Limited, Bengaluru (A Govt of India Undertaking), by Dr. Sudevi Basu, Faculty Mentor, NISARGA – Eco Club, Sir MVIT. The resource person highlighted the importance of sustainability in environment. Further he demonstrated a case study on laboratory method for the treatment of leachate from solid waste landfills. Further to the talk, the resource person, student participants and volunteers planted saplings to mark the world environment day and a step towards making the campus green

67. Sutantra - the technical encapsulate of Sir MVIT, in association with the IEEE Student Branch, conducted Technotsav 2K24, an intercollegiate technical fest on 14th June 2024, powered by Kalakaustubha. The event was sponsored by Sri Krishnadevara Educational Trust. Sri. Puneet Kumar Mishra, Head of the Satellite Antenna Characterization, Test & Design Section at U. R. Rao Satellite Centre, Bengaluru, was the chief guest for the inauguration. Dr. S. K. Uma, Chair of Kalakaustubha, welcomed the gathering. This was followed by Prof. Rakesh S.G., Principal, giving the opening remarks. He emphasized the importance of technical events and mentioned that participation in such events is a metric for the talent of young minds. The event was presided over by Sri K. V. Sekhar Raju, Vice President of Sri KET, in the presence of Sri K. Syama Raju, Secretary of Sri KET and Principal Prof. Rakesh S.G. Mr. Mishra, in his guest address, emphasized the importance of IEEE and its membership, how to shape the careers of young minds and the missions of ISRO. He also spoke about the emerging Aerospace Engineering department, stating that it would be a bright branch of engineering in the future. He was then felicitated by the distinguished guests along with the principal. Secretary Sri K. Syama Raju in his address promised that the fest would be a 2-Day event in the future and that the trust would sponsor the entire event. Sri K.V. Sekhar Raju, gave the presidential remarks, followed by Mr. Phanindar Ravi P., Vice Chair of Sutantra and Branch Counsellor of the IEEE Student Branch, presented the vote of thanks. The inaugural event concluded with the National Anthem. The fest conducted six technical events and witnessed 78 teams with more than 200 participants from various colleges in and around Bengaluru. The entire event was coordinated by the IEEE Student Branch Executive Committee and volunteers. Cash awards and certificates were distributed to all the winners.

68. The department of Electronics and Telecommunications Engineering, under the aegis of Institution's Innovation Council, organized "Project Demo/Presentation of Startup" from 18th to 20th July 2024. 37 students from different departments participated. This event was coordinated by Ms. Akila P., Assistant Professor in the department. The jury members were Dr. Soumya Patil and Dr. E. Kavitha.

69. The EEE department organized an industrial visit for the students of S6 to the Substation of Karnataka Power Transmission Corporation (KPTCL) in Rajaji Nagar on 5th July 2024. 100 students participated in the visit, which provided them with practical insights into the operations and functioning of a power transmission substation. The visit was coordinated by Dr. Mahesh K. Professor in the department.

70. The ECE department organized a Student Development Programme on "Machine Learning & its Applications" on 10th and 11th July 2024. The resource person of the event was Mr. Mahesh Degina, Managing Director & CEO and Mr. Harish N., CTO, Karunadu Technologies Pvt.Ltd, Bengaluru. This program was aimed to provide participants with a comprehensive understanding of the basic concepts of machine learning and its wide range of applications.

71. The ECE department organized a Student Development Programme on "Robotics using ESP32" from 10th to 14th July 2024. The resource persons for the event were Mr. Basavraj and Mr. Bindu from Newrro, Bengaluru. The objective of the event was to equip students with practical skills in Arduino applications, component wiring and programming ESP32 devices. Participants also learned the principles of robotics, types of sensors and actuators used in robotics, how to interface various sensors, read sensor data and interpret it for decision-making. Students demonstrated projects to their peers, explaining design choices and implementation details. 50 students from S4 attended the event.

(Prof. Rakesh S. G.)

Principal