

**ACADEMIC YEAR 2024-2025**

<b>Sl.No.</b>	<b>Activities</b>	<b>Date-Month-Year</b>	<b>Details of Participants</b>	<b>Details of Resource Person(s)/ Guest</b>	<b>PO</b>	<b>PSO</b>
<b>1.</b>	<b>SIP-2024</b>	<b>17/09/2024 to 27/09/2024</b>	<b>First Year B.E Students- First Semester</b>	<b>Dr. Mahesh Prasanna K Sri Muralidhara Bhat B Sri Ravikrishna D Kallaje Dr. Govindaraj P Dr Nischaykumar Hegde Prof. Roopa G K Prof. Prashantha Achar Dr. Shrikanth Rao S K Dr Manujesh B J Prof. Shreyas H Prof. Sudarshan M. L Sri Shanti Lal Jatia Dr. Shreesha Bhat Swami Chitya Prof. Latha Mohan Shetty Prof. Madhavi R. Pai Ms. Preethi Shenoy Mr. Dinesh P Prof. Vandana Shankar</b>	<b>8,9,10,11, 12</b>	<b>1,2,3</b>



In combined aegis of Departments of Physics, Chemistry, Mathematics, and Humanities, VCET organized Student Induction Programme (SIP-2024) Phase I for newly admitted first-year B.E. students of the 2024-25 academic year. The program aimed to help students adjust to the new environment, foster bonds with peers and faculty, and inculcate the ethos and culture of the institution while encouraging self-exploration and a sense of purpose. SIP-2024 was conducted from 17-09-2024 to 27-09-2024 at Sri Ramasabha Bhavana and Sir M. Visvesvaraya Hall. The inaugural function of SIP-2024 was held on 17-09-2024 for Artificial Intelligence & Machine Learning and Computer Science & Engineering (Data Science) and was inaugurated by the President of the function, Sri Muralidhara Bhat B, Treasurer, Governing Council, Vivekananda College of Engineering and Technology, Puttur, in the presence of governing council members, VCET faculty, and department heads. The inaugural function for Computer Science & Engineering, Civil Engineering, Electronics & Communication Engineering, and Mechanical Engineering batches took place on 18-09-2024, presided over by Sri Ravikrishna D. Kallaje, Director, Governing Council, VCET, Puttur. Through a Power point presentation, Dr. Mahesh Prasanna K, Principal, VCET, Puttur, conducted an orientation program for newly admitted students and their parents, emphasizing key points regarding attendance and internal assessment marks. Students were taken on a guided tour of the college campus for orientation, familiarizing them with the available amenities and facilities. The departments of AI, CD, CS, CV, EC, and ME were introduced to students by their respective heads in separate sessions. A session on "Introduction to IoT" was conducted by Prof. Shreyas H. A., while a session on "Bhoomika Kala Sangha – A Platform for Cultural Events" was led by Prof. Sudarshan M. L., Coordinator of Bhoomika Kala Sangha. A two-hour session on disaster management was conducted by Sri Shanti Lal Jatia, Inspector, 10th NDRF, RRC Bengaluru, along with his team. Activities designed to enhance personality development skills were conducted by Dr. Shreesha Bhat, Managing Trustee of Akanksha Charitable Trust and Assistant Professor of Physics at VCET Puttur, along with his team. A one-hour session on Inner Engineering and Isha Kriya Meditation was delivered by Swami Chitya, a volunteer from Isha Foundation. A literary activity session was facilitated by Prof. Latha Mohan Shetty, assisted by senior students. A talk on "Universal Human Values" was presented by Prof. Madhavi R. Pai. A session on Inner Alchemy was conducted by Ms. Preethi Shenoy, a renowned counsellor from the "It's OK" platform. "Know

Your College Library” was conducted by Mr. Dinesh P., Librarian, VCET, Puttur, while “Know Your Training & Placement Department” was presented by Prof. Vandana Shankar. A visit to Varanashi Organic Farms, Adyanadka, was organized as part of the program. Vaividhya 2024, an inter-class cultural competition, was conducted in collaboration with Bhoomika Kala Sangha, providing students with a platform to showcase their artistic and creative talents through various competitions. The overall program was organized by Prof. M. Ramananda Kamath, HOD, Department of Basic Science, and coordinated by all faculty members of the Department of Basic Science.



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2.	Parent Meet (Odd Sem)- 2024-25	19-12-2024	1 <sup>st</sup> year B.E Students and their parents	Dr Mahesh Prasanna K, Principal, VCET Sri Ravikrishna D Kallaje, Director, Governing Council, VCET Sri.T Subhramanya Bhat, Correspondent, Governing Council, VCET Sri K Vishwas Shenoy, President, Governing Council, VCET	8,9,10,11, 12	1,2,3



The Basic Science Department of Vivekananda College of Engineering and Technology (VCET), Puttur, in association with the Parent Relation Cell, conducted a Parents–Teachers meeting for first-year B.E. students on December 19, 2024. After registrations and informal interactions, the formal function began at Savarakar Sabhabhavana, Krishna Chethana Block, with approximately 200 parents in attendance. Prof. M Ramananda Kamath welcomed the gathering, and Dr. Shwethambika P elaborated on the Parent Relation Cell's roles, introducing its newly appointed leaders and parent representatives. Sri Eshwar Prasad, President of the Parent Relation Cell, urged parents to monitor their children's activities closely, while Dr. Mahesh Prasanna K, Principal, emphasized the importance of adhering to attendance and Internal Assessment policies under the 22-scheme. Sri Ravikrishna D Kallaje, Director of the Governing Council, encouraged parents to observe their wards' academic performance and highlighted the faculty's readiness to support students. Sri T S Subrahmanya Bhat, the event's President, stressed discipline and the need for consistent parental involvement. Parents' queries were satisfactorily addressed by the Principal and council members, fostering constructive communication. The program concluded with a vote of thanks by Prof. Shreesharanya U R. The Masters of ceremony for the program were Dr. Raveesha P M and Prof. Annapoorna B. Following the formal function, lunch was served. Under the guidance of Prof. M Ramananda Kamath, HoD Department of Basic science, the program was coordinated by Prof. Shreesharanya U R, Basic Science Coordinator, Parent relation Cell with the involvement and contribution of all fellow colleagues.



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3.	National Mathematics Day - 2024	20-12-2024	B.E Students	Dr. Govindaraj P Prof. Soumya Anil	8,9,10,11,12	1,2,3



On 20th December 2024, National Mathematics Day was celebrated with various competitions for B.E. students, emphasizing the importance of mathematics in engineering and its practical applications. The day commenced with the *Mathscape – Poster Presentation Competition* at Sri Rama Sabhabhavana from 9:30 AM to 11:00 AM, where 12 teams of two participants each presented innovative ideas on the theme “Application of Mathematics in Engineering.” The event, judged by Dr. Govindaraj P and Prof. Soumya Anil, showcased topics ranging from optimization techniques to artificial intelligence. Following this, the *Mathemagica Quiz Finals* from 12:00 PM to 1:00 PM featured the top six teams from a preliminary round held on 19th December, which had 55 participating teams. The quiz tested diverse mathematical concepts, promoting teamwork and intellectual engagement. These events highlighted mathematics pivotal role in engineering, inspiring students to explore its interdisciplinary applications and hone their problem-solving skills. Winners will be felicitated during National Science Day 2025, further encouraging academic and co-curricular excellence. Under the guidance of Prof. M Ramananda Kamath, HoD Department of

Basic science, the program was coordinated by Prof. Reshma, Assistant Professor Department of Basic Science with the involvement and contribution of all fellow colleagues.

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<b>1.</b>	<b>Five-Day Faculty Development Program on “Best Teaching-Learning Practices for Faculty Mentors”</b>	<b>03/02/2025 to 07/02/2025</b>	<b>Faculty members from various institutions</b>	<b>Dr. Sarojini B. K. Sri Muralidhara Bhat B. Dr. Madhava Bhat H. Dr. Vijay V. S. Smt. Sharavathi Ravinarayana Dr. Mahanthesh R. Choudhary Dr. Govindaraj P Dr. Ravichandra S. Karkal Smt. Preethi Shenoy Dr. Mahesha M. G. Smt. Vidya R. Gowri Dr. Shrikanth Rao S.K Dr. Shreesha Bhat Prof. Vandana Shankar Dr. Robin Manohar Shinde</b>	<b>8,9,10,11, 12</b>	<b>1,2,3</b>





A Five-Day Faculty Development Program (FDP) on "Best Teaching-Learning Practices for Faculty Mentors" was organized by the Department of Basic Science and Humanities, VCET, Puttur, from February 3-7, 2025, in a hybrid mode, featuring two days of online and three days of offline sessions. On Day 1, the first session on "Outcome-Based Education (OBE)" was conducted by Dr. Shrikanth Rao S.K., who provided an overview of the Outcome-Based Education (OBE) framework, emphasizing its role in curriculum design and assessment. He discussed various strategies for aligning learning outcomes with teaching methodologies to ensure effective student engagement and skill development. The second session by Dr. Shreesha Bhat focused on "Interactive and Engaging Classroom Strategies", highlighting innovative teaching strategies that enhance student participation and engagement. He highlighted the significance of active learning and the flipped classroom model in fostering a dynamic and interactive learning environment. On Day 2, Prof. Vandana Shankar led a session on "The Art of Effective Communication for Teachers", emphasizing the importance of both verbal and non-verbal communication in the classroom. She demonstrated how storytelling techniques can make complex concepts more relatable and engaging, thereby improving students' understanding and retention of information. The next session by Dr. Robin Manohar Shinde explored "Assessment and Feedback Strategies", elaborating on different assessment methods and their role in evaluating student learning. He explained the distinctions between formative and summative assessments, the importance of structured feedback loops, and the process of creating rubrics to ensure fair and effective evaluation. On Day 3, the program commenced with a formal inaugural function at Sri Rama Sabhabhavana, VCET, Puttur, presided over by Sri Muralidhara Bhat B., Treasurer, VCET, with a keynote address by Dr. Sarojini B. K., Professor, Mangalore University, on "The Science of Effective Mentorship in STEM". She discussed blended learning approaches, the role of technology in education, student-centered mentorship, and continuous professional growth. The first

session of the day was “Innovative Teaching Methods” led by Dr. Madhava Bhat, Former Principal, Vivekananda College, Puttur, introduced modern teaching strategies aimed at enhancing student engagement and improving learning outcomes. He emphasized the importance of creativity and adaptability, demonstrating situational and conceptual teaching techniques through interactive activities. The next session by Dr. Vijay V S, Assistant Professor, SJEC, Mangalore, focused on “Universal Human Values”, emphasizing the significance of ethics, empathy, and human values in shaping responsible students and faculty mentors. He also explained why AICTE incorporated value-based learning into the curriculum, stressing its role in holistic education. On Day 4, Mrs. Sharavathi Ravinarayana, Art of Living, conducted a session on “Mindfulness and Yoga for Educators”, guiding faculty members through breathing exercises, stress management techniques, and mindfulness practices to enhance their well-being. The next session, led by Dr. Mahanthesh R. Choudhari, Associate Professor, VCET, covered “Research Methodology and Academic Writing”, where he explained research techniques, structuring academic papers, and effective scholarly writing practices, concluding with a short assessment for participants. The last session of the day was a “hands-on session on Software Tools for Teaching”, conducted by Dr. Govindaraj P., HoD, AIML, VCET, who introduced AI-powered tools such as ChatGPT, Gamma AI, Quill Bot, Napkin.ai, and Overleaf to enhance lesson planning, content creation, and technical documentation. On Day 5, Dr. Ravichandra S. Karkal, Consultant Psychiatrist, led a session on “Know Your Students”, explaining student psychology, behavioural challenges, stress management, and mentoring techniques using real-life case studies. The following session by Preethi Shenoy, Counsellor, focused on “Work-Life Balance and Well-being of Teachers”, addressing stress management, time prioritization, setting boundaries, and self-care practices for educators. The final session, conducted by Dr. Mahesha M G, Associate Professor, MIT Manipal, covered “Teaching Challenges and Strategies in STEM”, where he discussed pedagogical gaps, AI-driven teaching aids, and innovative instructional methods such as the flipped classroom model to improve STEM education. The FDP concluded with a valedictory function, presided over by Smt. Vidya R. Gowri, Director, VCET, Puttur, with Dr. Mahesha M G as the Chief Guest. The speakers emphasized continuous learning, innovation in teaching methodologies, and the crucial role of faculty mentors in shaping students' futures. Participants shared their feedback, highlighting the practical value of the sessions, and certificates were distributed to all attendees. Dr. Shwethambika P. and Ms. Latha Mohan Shetty of the Department of Basic Science and Humanities coordinated the FDP.