



SRI VENKATESWARA INSTITUTE OF TECHNOLOGY

N.H 44,HAMPAPURAM, RAPTHADU, ANDHRA PRADESH 515001

It gives me great pleasure to present the Annual Report of Sri Venkateswara Institute of Technology (SVIT) for the academic year 2023-2024. This year has been one of remarkable growth and achievement, marked by both academic and infrastructural advancements, as well as the unwavering commitment of our faculty, staff, and students to excellence.

SVIT has always strived to maintain the highest standards in education and research, and this report highlights the many milestones that we have achieved in the past year.

Founded in 2009, Sri Venkateswara Institute of Technology has established itself as a leader in technical education, offering undergraduate, postgraduate, in various branches of engineering. Our vision remains focused on fostering a learning environment that encourages innovation, nurtures talent, and prepares students to excel in the dynamic global landscape.

Dr.T.Vishnuvardhan

Principal

ACHIEVEMENTS

- 54 Students of Electronics and Communication Engineering have participated in INNOVATION EXPO=2024 organized by Raghavendra institute of pharmaceutical Education & Research (RIPER)- Anantapur and got first prize
- 15 students of electronics and communication engineering have participated in SIGMOID-2024, A National level technical symposium organized on 17th and 18th of march 2024.
- 10 Students of Electrical and Electronics Engineering have participated in INNOVATION EXPO=2024 organized by Raghavendra institute of pharmaceutical Education & Research (RIPER)- Anantapur and got first prize
- 12 Students of Computer Science and Electronics Engineering have participated in INNOVATION EXPO=2024 organized by Raghavendra institute of pharmaceutical Education & Research (RIPER)- Anantapur and got first prize
- 9 Students from the Department of Civil Engineering have participated in the paper presentation at 7th National Level Technical Symposium, Rein4z-2k24 organized by PVKK Institute of Technology, Anantapur on 05-03-2024
- 17 students from the Department of Civil Engineering have participated in the Webinar Program about Building Planning and Vaastu Organized by CMTI, Bengaluru held on 23-03-2024

CIVIL ENGINEERING

- Mr C E Shashidhar from the Department of Civil Engineering has participated in the One Day National Level FDP on Stress and Time Management Organized by IOT Academy, Tamilnadu held on 29-03-2024
- Mr Kuruba Cherukuri Durga Prasad from the Department of Civil Engineering has participated in the One Day National Level FDP on Stress and Time Management Organized by IOT Academy, Tamilnadu held on 29-03-2024
- Ms Chikkani Ajitha Prasad from the Department of Civil Engineering has participated in the One Day National Level FDP on Stress and Time Management Organized by IOT Academy, Tamilnadu held on 29-03-2024
- Ms Vanamala Praveena Prasad from the Department of Civil Engineering has participated in the One Day National Level FDP on Stress and Time Management Organized by IOT Academy, Tamilnadu held on 29-03-2024

- Mr C E Shashidhar from the Department of Civil Engineering has participated in the Webinar Program about Building Planning and Vaastu Organized by CMTI, Bengaluru held on 23-03-2024
- Mr Kuruba Cherukuri Durga Prasad from the Department of Civil Engineering has participated in the Webinar Program about Building Planning and Vaastu Organized by CMTI, Bengaluru held on 23-03-2024
- Ms Chikkani Ajitha from the Department of Civil Engineering has participated in the Webinar Program about Building Planning and Vaastu Organized by CMTI, Bengaluru held on 23-03-2024
- Ms Vanamala Praveena from the Department of Civil Engineering has participated in the Webinar Program about Building Planning and Vaastu Organized by CMTI, Bengaluru held on 23-03-2024
- Mr Gopalam Ravi Teja Prasad from the Department of Civil Engineering has participated in the Webinar Program about Building Planning and Vaastu Organized by CMTI, Bengaluru held on 23-03-2024

MECHANICAL ENGINEERING

- Dr. T Vishnu Vardhan, Professor of ME and Principal has published a patent: Title of Invention **“Synthesization of Magnetic Nanoparticles for Waste Water Treatment Process”** with application number 202441019702 dated 17-03- 2024.
- Dr. T Vishnu Vardhan, Professor of ME and Principal has published a Text Book **“Refrigeration and Air Conditioning”** with ISBN: 978-81-963112-7-8, Cosmos Scientific Publications, INDIA.
- Mrs. D Madhu Sree has participated in NEP-2020 Orientation & Sensitization Program under Malaviya Mission Teacher Training Centre , NIT Warangal from 13-2-22024 to 21-02-2024
- Mr. N Phani Raja Rao has participated in 5-day international virtual FDP on Global Conversations in Mechanical Engineering: Bridging Innovation and Sustainability organized by dept of Mechanical Engineering MITS, Madanapalle from 19-02- 2024 to 23-02-2024
- Mrs. D Madhu sree has participated in 5-day international virtual FDP on Global Conversations in Mechanical Engineering: Bridging Innovation and Sustainability organized by dept of Mechanical Engineering MITS, Madanapalle from 19-02- 2024 to 23-02-2024
- Mr Vennapusa V Siva Reddy has participated in 5-day international virtual FDP on Global Conversations in Mechanical Engineering: Bridging Innovation and Sustainability organized by dept of Mechanical Engineering MITS, Madanapalle from 19-02-2024 to 23-02-2024
- Ms M Kalpana has participated in 5-day international virtual FDP on Global Conversations in Mechanical Engineering: Bridging Innovation and Sustainability organized by dept of Mechanical Engineering MITS, Madanapalle from 19-02- 2024 to 23-02-2024
- Mr Mekala Hem Sagar has participated 5-day international virtual FDP on Global Conversations in

Mechanical Engineering: Bridging Innovation and Sustainability organized by dept of Mechanical Engineering MITS, Madanapalle from 19-02- 2024 to 23-02-2024

ELECTRICAL AND ELECTRONICS ENGINEERING

- Mr Dr.Kayapati RajaGopal has participated in National Level 5 day online FDP on Emerging Trends and Challenges in Renewable Energy Systems Organized by GATES Institute of Technology from 05-02-2024 to 09-02-2024
- Mr Dr.Kayapati RajaGopal has participated in National Level 5 day online FDP intellectual property Rights “INSIGHTS OF INDIAN PATENTS “ organized by PIMPRI CHINCHWAD COLLEGE OF ENGINEERING &RESEARCH, Maharashtra from 18-03-2024 to 22-03-2024
- Mrs A Sabiha has participated in 5 day online FDP on Emerging Trends and Challenges in Renewable Energy Systems Organized by GATES Institute of Technology from 05-02-2024 to 09-02-2024
- Mr D Shekshavali has participated in 5 day online FDP on Emerging Trends and Challenges in Renewable Energy Systems Organized by GATES Institute of Technology from 05-02-2024 to 09-02-2024
- Mr Gudipati Vamsi Krishna has participated in 5 day online FDP on Emerging Trends and Challenges in Renewable Energy Systems Organized by GATES Institute of Technology from 05-02-2024 to 09-02-2024
- Mrs A Sabiha has participated in 3 day workshop on Research Methodology And Publication Ethics Organized by Research And Innovation Wing, Mohan Babu University , Tirupathi from 01-02-2024 to 03-02-2024

ELECTRONICS AND COMMUNICATION ENGINEERING

- Mrs, T.RANJITHA DEVI has got an achievement in Emerging scholar in teaching excellence award ,presented by artificial intelligence medical & engineering researchers society.
- Mr. C. MURALI MOHAN has successfully completed the course of design of power electronic converters with 46% .
- Mrs. G.JYOTHI , has participated in five day online faculty development program on design &innovation on wireless communication with advanced technology held during 17th-22nd January 2024.
- Mrs G.JYOTHI , has participated in one week international workshop on latex: essentials and practices organized by dept of ECE in association with MITS IEEE ,COMSAC during 26th feb to march 1st 2024.

- Mr N.A.V PRASAD, has participated in one week international workshop on latex: essentials and practices organized by dept of ECE in association with MITS IEEE ,COMSAC during 26th feb to march 1st 2024.
 - Mr C MURALI MOHAN, has participated in one week international workshop on latex: essentials and practices organized by dept of ECE in association with MITS IEEE ,COMSAC during 26th feb to march 1st 2024.
- Mr B. RAJESH KUMAR, has participated in one week international workshop on latex: essentials and practices organized by dept of ECE in association with MITS IEEE ,COMSAC during 26th feb to march 1st 2024

COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)

- Mr.D.K.Shareef Presented a paper entitled “Detection of Vulnerability in Websites Predominantly Against CSRF Using Machine Learning” at International Conference on Technological Advancements in Computational Sciences on 1st to 3rd Nov,2023 indexed under IEEE Conference.
 - Mr.D.K.Shareef Presented a paper entitled “Intrusion Detection System For Iot Networks” at IEEE international conference on Optimization Techniques for Learning Organized by Madhanapalle Institute of Technology and sciences on 7th and 8th Dec,2023 indexed under IEEE Conference.
 - Mr.D.K.Shareef has participated FDP on "Emerging Tools and Techniques in Cloud Computing and Data Science" from 19-02-2024 to 24-02-2024 organized by Dept of CSE, Narasimha Reddy Engineering College.
 - Mr.D.K.Shareef has participated FDP on "Data Analytics using Power BI and Tableau" from 11-03-2024 to 15-03-2024 organized by Faculty of IT and CS- Parul University Gujarat, Atria Institute of Technology-Karnataka, Amity University- Maharastra in collaboration with ExcelR Edtech Pvt. Ltd.
 - Mr.D.K.Shareef Acted as Convenor for the 5 day workshop on –Career Path-“Inter View Skills” dated on 16/02/2024 to 21/02/2024.
 - Mr.D.K.Shareef Acted as Convenor for the 5 day workshop on –Student Interaction with an Industrial Expert dated on 21/02/2024 to 26/02/2024.
- Mr.D.K.Shareef presented Best Paper award for the titled “A drug recommendation system utilizing sentiment analysis of drug reviews through machine learning” at National Conference on Emerging Trends and Innovations in AI&ML(NCETAIML’24)Conducted by Department of Computer Science and Engineering on 30th March,2024 at Sanskrithi School of Engineering

COMPUTER SCIENCE AND ENGINEERING

- Mr.K RANGA SWAMY participated in the "NEP 2020 ORIENTATION & SENSITIZATION PROGRAMME" workshop in February 2024, organized by the National Institute of Technology, Warangal.
- In February 2024, Mr.K RANGA SWAMY also attended the "EMERGING TOOLS & TECHNIQUES IN CLOUD COMPUTING & DATA SCIENCE" workshop held at Narasimha Reddy Engineering College.
- Additionally, Mr.K RANGA SWAMY participated in the "INSIGHT OF INDIAN PATENTS" workshop organized by Pimpri Chinchwad Education Trust in March 2024.
- Dr. M. VIJAYA BHASKAR explored the role of AI in management and technology at the workshop conducted by Marian Academy of Management Sciences in March 2024
- Mr.D RAGHAVARAJU took part in the "EMERGING TOOLS & TECHNIQUES IN CLOUD COMPUTING & DATA SCIENCE" workshop in February 2024, hosted by Narasimha Reddy Engineering College.

HUMANITIES AND BASIC SCIENCE

- Dr. D. Madhusudana Reddy participated in Five days National Level Faculty Development Program on “ Intellectual property Rights-Insight of Indian Patents” organized by the Department of the Mechanical Engineering, Pimpri Chinchwad College of Engineering & Research in March, 2024.
- Dr. D. Madhusudana Reddy got an Appreciation of Webinar on Modeling Stationary and Non Stationary Time Series: An Inferential Perspective” organized by Department of Mathematics, School of CS&AI –SR University in March.
- Dr. R.Ramakrishna Prasad participated in Five days National Level Faculty Development Program on “ E-Content Development” organized by the department of Mathematics and DBT Star Status Scheme in February 2024.
- Dr. R.Ramakrishna Prasad participated in Five days National Level Faculty Development Program on “ Viksit Bharath-2047, Role of Engineering Faculty” organized by RGUKT-IIT RK Valley Campus and Anantha Lakshmi Institute of Technology & Science in February 2024.
- Ms. G.Gousia Begum participated in Five days National Level Faculty Development Program on “ Viksit Bharath-2047, Role of Engineering Faculty” organized by RGUKT-IIT RK Valley Campus and Anantha Lakshmi Institute of Technology & Science in February 2024.

