

MONTHLY REPORT

**June 2025**

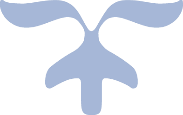
Submitted to

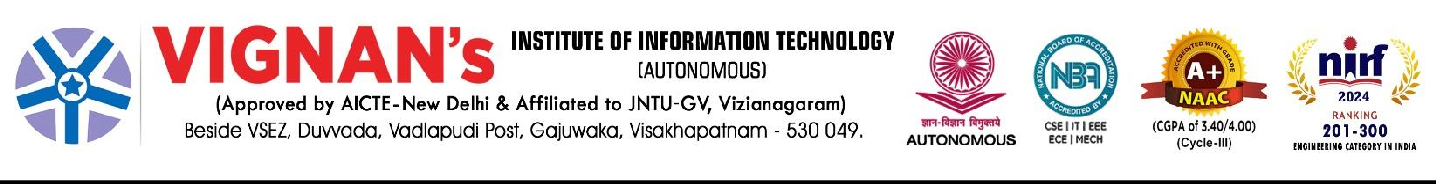


JNTU-GV University

GURAJADA VIZIANAGARAM. DWARAPUDI, VIZIANAGARAM,

ANDHRA PRADESH - 535 003

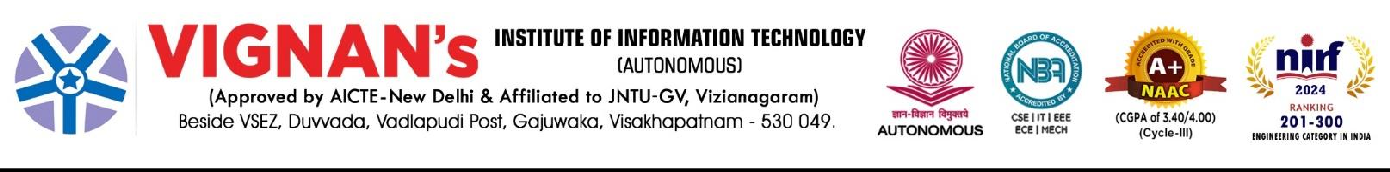




**JNTU-GV Monthly Report**

**Index**

|  |  |  |
| --- | --- | --- |
| **S.No.** | **Subject** | **No. of Events** |
| 1. | Activities related to Governance: BoS Meetings of CE, EEE, ME, ECE, ECM & AI&DS. | 06 |
| 2. | Training & Workshops organized | 08 |
| 3. | Co-curricular Activities | 04 |
| 4. | NSS Service Programs | 03 |
| 5. | (a) Research Publications | 14 |
| (b) Research Papers Published in various Conferences by the Faculty | 06 |
| (c) Faculty Induction Program conducted at VIIT from 16th to 21st June 2025 | 01 |
| 6. | Student Support Practices | 01 |
| 7. | Extension & Community oriented Activities- Community Service Projects by ME | 04 |
| 8. | Awards & Recognitions – Student’s Achievement: | 02 |



## **INSTITUTE MONTHLY REPORT – June 2025**

**Event Summary**

1. **Activities related to Governance**

|  |  |  |
| --- | --- | --- |
| **S.No.** | **Department** | **Date** |
| 1 | Civil Engineering | 30.06.2025 |
| 2 | Electrical & Electronics Engineering | 28.06.2025 |
| 3 | Mechanical Engineering | 28.06.2025 |
| 4 | Electronics & Communications Engineering | 27.06.2025 |
| 5 | Electronics and Computer Engineering | 27.06.2025 |
| 6 | Master of Business Administration | 28.06.2025 |

|  |  |  |
| --- | --- | --- |
| **S.No** | **Particulars** | **Image** |
| 1 | **Civil Engineering:**  **External Members:**   * Sri Adiseshu, Professor, Academics, A.U., Visakhapatnam * Mrs.V.Suchitra, Industry, DEE, Irrigation Dept., Vizianagaram * Sri.B.Krishna Redyy, JNTU Nominee, Professor, JNTUK. * Ms. M.Pavani, Alumni   **Internal Members:**   1. Dr.G.T.L.Priyanka, Assoc. Prof. 2. Dr.G.Amulya, Assoc. Prof. 3. Dr.S.Gayathri, Assoc. Prof. 4. Dr.D.Sreeman, Assoc. Prof. 5. Dr.A.Srija, Asst. Prof. 6. Dr.K.Dharithri, Asst. Prof. 7. Dr.Sruthisekhar, Asst. Prof. 8. Dr.G.Aravind Goud, Asst. Prof. 9. Mr.K.Srinivas, Asst. Prof. 10. Mr.B.Bramaiah, Asst. Prof. 11. Mrs.Kranthi Vijaya, Asst. Prof. 12. Ms.M.Yoga Swarna, Asst. Prof. | **WhatsApp Image 2025-07-04 at 11.28.59 AMWhatsApp Image 2025-07-04 at 11.29.00 AM** |
| 2 | **Electrical & Electronics Engineering:**  **External Members:**   * ***Nominated by Vice chancellor - JNTU-GV:***   Dr. K. Ravindra, Professor, Dept. of EEE, JNTUK, Kakinada;   * ***Subject experts nominated by Academic Council:***   Dr. Sanjeeb Mohanty, Professor, Department of EEE, National Institute of Technology, Rourkela.   * ***Representative from the Industry nominated by Principal:***   Mr. Ch. Rama Krishna, General Manager, Electrical O&M, Jindal Power Limited, Tamnar, Chattisgarh.   * ***Representative from Alumni:***   *Mr. S. Damodar, Sr. Manager (Electrical), Vizag Steel Plant (RINL), Visakhapatnam.*  **Internal Members:**   1. Dr. K. Durga Syam Prasad, Professor 2. Dr. R. S. Ravi Sankar, Assoc. Prof. 3. Dr. K. K. Deepika, Assoc. Prof. 4. Dr. K. Venkatanagaraju, Assoc. Prof. 5. Dr. B. Trinadha, Assoc. Prof. 6. Mrs. K. Sravanthi, Asst. Prof. 7. Mr. K. Sravan Kumar, Asst. Prof. 8. Mr. T. Rajesh, Asst. Prof. |  |
| 3 | **Mechanical Engineering:**  **External Members:**   * Dr. C. Neelima Devi, JNTU Nominee,   HOD & Assistant Professor, Dept. of ME, JNTU-GV, Visakhapatnam, A.P.   * Dr. K. S. S. Harish, Academician,   Asst. Prof., Dept. of ME, NIT Tiruchirappalli, Tamil Nadu.   * Ms. Lata Patnana, Industry Person,   Head product Support- Customer service,  BOSCH Siemens, Bangalore, Karnataka.   * Mrs. Y. Usha, Alumni, Scientist, * CSIR National Metallurgical Laboratory, * Jamshedpur, Jharkhand.   **Internal Members:**   1. Dr. S. Rambabu, Assoc. Prof. 2. Dr. B. Sateesh, Professor 3. Dr. R. Sundara Ramam, Professor 4. Dr. K.S. Raghuram, Assoc. Prof. 5. Dr. Girish Eknath Bhiogade, Assoc. Prof. 6. Dr. V. Ranjan Ganguli, Assoc. Prof. 7. Dr. Y. Appala Naidu, Assoc. Prof. 8. Mr. Ch. Siva Rama Krishna, Assoc. Prof. 9. Mr. R. Sundara Ramam, Assoc. Prof. 10. Mr. R. Rudrabhi Ramu, Assoc. Prof. 11. Mr. K. Leela Kumar, Assoc. Prof. 12. Mrs. V. Naga Sudha, Assoc. Prof. | C:\Users\DR. APPALA NAIDU\Downloads\WhatsApp Image 2025-06-28 at 3.34.46 PM (2).jpegC:\Users\DR. APPALA NAIDU\Downloads\WhatsApp Image 2025-06-28 at 3.34.46 PM.jpeg |
| 4 | **Electronics & Communications Engineering:**  **External Members:**   * **Nominated by Vice chancellor - JNTU-GV:**   Dr. K. Babulu, Professor, Director of Evaluation & Professor of ECE, JNTUGV, Vizianagaram;   * **Subject experts nominated by Academic Council:** Dr. P. Rajesh Kumar, Professor, Dept. of ECE, AUCE, Andhra University, Visakhapatnam. * **Representative from the Industry nominated by Principal:** Dr. Santos Kumar Das, Associate Professor, Dept. of ECE, National Institute of Technology Rourkela * **Representative from Alumni:** Ms. Lagudu Sravya   **Internal Members:**   1. Dr. R. Uma Maheswari, Professor 2. Dr. A. Naga Jyothi, Professor 3. Dr. K. Srinivasa Naik, Professor 4. Dr. Ch Ramesh Babu, Professor 5. Dr. A. V. Bharadwaja, Assoc. Prof. 6. Dr. D. Pratap Kumar, Assoc. Prof. 7. Dr. A.S. Dakshina Murthy, Assoc. Prof. 8. Dr. P. Suneetha, Assoc. Prof. 9. Mrs. M. Karuna, Assoc. Prof. 10. Mrs. Y. Sukanya, Asst. prof. 11. Mr. P. Tirumala Rao, Asst. prof. | **C:\Users\Administrator\Downloads\WhatsApp Image 2025-06-27 at 11.06.20 AM.jpegC:\Users\Administrator\Downloads\WhatsApp Image 2025-06-27 at 11.05.16 AM.jpeg** |
| 5 | **Electronics and Computer Engineering:**  **External Members:**  **Academic External Experts:**   * Prof. K. Babulu, Dean of Evaluation, JNTUG Vizianagaram * Prof. P. Rajesh Kumar, AUCOE(A)   **Industry representative:**   * Dr. Santosh Kumar Das, Associate Professor, NIT Rourkela   **Alumni:**   * Mr. M. Nitish Kumar   **Academic Internal Experts:**   1. Dr. H. Devanna, Assoc. Prof., HoD 2. Dr. B. Prasada Rao, ECM, Associate Professor 3. Dr. P. Santosh, ECM, Associate Professor 4. Mrs. Ch. Gayatri, Assistant HoD 5. Mrs. M. Kalpana, Assistant Professor 6. Mr. P. Ganesh, Assistant Professor 7. Mrs. A. Sarvani, Assistant Professor 8. Ms. B. Mahalakshmi, Assistant Professor 9. Mr. K. Gurucharan, Senior Assistant Professor |  |
| 6 | **Master of Business Administration:**  **External Members:**   1. P.Sreedevi- JNTU-GV 2. J. Umamaheswara Rao –NIIT-Durgapur 3. Y.Gangadhar –Head HR Alivira 4. K .Yeswanth Kumar, Alumni   **Internal Members:**   1. Dr. B. Chandra, Assoc. Prof. 2. Dr. S.M.Murali Krishna, Professor 3. Dr. P.S. Ravindra, Assoc. Prof. 4. Dr. Ch. Hari Govinda Rao, Assoc. Prof. 5. Dr. K.V.S. Praveena, Assoc. Prof. 6. Dr. M.Srinu, Assoc. Prof. 7. Dr. P. Sanyasa Rao, Assoc. Prof. 8. Dr. J. Manogna, Assoc. Prof. 9. Mrs. Audathi Datta, Asst. Prof. 10. Mr. V. Shivaji, Asst. Prof. |  |

1. **Training & Workshops organized:**

|  |  |  |
| --- | --- | --- |
| **S.No.** | **Date** | **Name of the Event** |
| 1 | 02.06.2025  To  07.06.2025 | Six-Day Advanced Problem Solving & Complexity Analysis for Competitive Coding organized by CCC and the resource person is Mr. Naveen Panchagam. |
| 2 | 02.06.2025  To  07.06.2025 | Mastering Advanced Data Structures – From Linked Lists to Trees by Six Phrase and the resource person are 1. Abhishek Devkar, 2. Anwesh A, 3. Raghunath reddy M, 4. Satyanarayana N, 5. Madan Gopal M and 6. Karthik B Nthe. |
| 3 | 02.06.2025  To  14.06.2025 | 1. Two-Weeks Training Program on Embedded Systems Training: Mastering Data Structures & C++ for Real-World Problem Solving by Cranes Varsit and the resource person is Trainers from Cranes Varsity. |
| 4 | 11.06.2025  To  26.06.2025 | Special Training Program for Infosys HackWithInfy: Advanced Problem-Solving and Competitive Coding Bootcamp by Edrealm and the resource person is 1.Mr.Koushik, 2.Mr.Sree Vardhan. |
| 5 | 16.06.2025  To  30.06.2025 | Campus Readiness Program for Infosys HackWithInfy: Data Structures, Algorithms & Competitive Coding by Edrealm and the resource person is 1.Mr.Sasgankan, 2.Mr.Bijen Singha. |
| 6 | 03.06.2025  To  05.06.2025 | Unlox Academy is offering internship opportunities for students from the 2024 and 2025 batches across all UG and PG disciplines and the resource person is Ms. Preethi, HR Manager. |
| 7 | 31.05.2025  To  03.06.2025 | Campus Recruitment by Pavision Innovation Pvt Ltd and the resource person is Mansi Singh, HR Manager. |
| 8 | 09.06.2025  To  12.06.2025 | Campus Recruitment by Infinite Computer Solutions and the resource person is Sundaresvaran Balakrishnan, Manager – Early Talent & Campus Relations. |

|  |  |  |
| --- | --- | --- |
| **S.No** | **Particulars** | **Image** |
| **1** | A Six-Day Advanced Training on Problem Solving & Complexity Analysis was held from June 2–7, 2025, organized by CCC. Led by Mr. Naveen Panchagam, the training empowered 131 students from various branches with advanced coding skills and algorithmic techniques essential for excelling in competitive programming and technical interviews |  |
| **2** | A Two-Weeks Embedded Systems Training Program was conducted from June 2–14, 2025, by Cranes Varsity for ECM and ECE branches. Focused on C++ and data structures for real-world problem solving, 105 students participated in hands-on training, gaining practical knowledge and industry-relevant skills in embedded systems development. |  |
| **3** | A six-day training titled “Mastering Advanced Data Structures – From Linked Lists to Trees” was held from June 2–7, 2025, by Six Phrase. Conducted for CSE, ECE, AIDS, and ACSE students, 471 participants benefited from expert-led sessions on data structure fundamentals, implementation techniques, and problem-solving strategies. |  |
| **4** | From 11th to 26th June 2025, a special coding bootcamp for Infosys HackWithInfy was conducted by Edrealm for 146 students of the 2024–26 batch. Trainers Mr. Koushik and Mr. Sree Vardhan delivered high-level sessions on DSA and competitive coding at Larry Page & Tim Berners Lee halls. |  |
| **5** | From 16th to 30th June 2025, a Campus Readiness Program for HackWithInfy was conducted by Edrealm for 159 students from various branches. Trainers Mr. Sasgankan and Mr. Bijen Singha led practical sessions focused on DSA and competitive coding at Edgar F Codd & Mark Zukerberg halls. |  |

|  |  |  |
| --- | --- | --- |
| **6** | Unlox Academy is offering internship opportunities for students from the 2024 and 2025 batches across all UG and PG disciplines. This is a full-time, in-office internship based in HSR Layout, Bangalore, with a duration of 6 months (reducible to 3 months based on performance). Interns will receive a monthly stipend of ₹18,000 for UG students and ₹20,000 for PG students. Exceptional performance during the internship may lead to a Pre-Placement Offer (PPO), with compensation packages ranging from ₹5 to ₹7 LPA for UG candidates and ₹6 LPA fixed + ₹3 LPA variable for PG candidates | **Virtual** |
| **7** | Pavision Innovations is seeking a resilient and empathetic Inside Sales Representative to join our growing team. The ideal candidate will be responsible for identifying and retaining clients, encouraging existing clients to explore additional products or features, and maintaining a strong understanding of client needs and consumption trends. This role also involves contributing to internal growth by training and mentoring sales staff to build overall team capacity. | **Virtual** |
| **8** | Infinite Computer Solutions is conducting a pooled campus hiring drive for 2024 and 2025 engineering graduates (BE/BTech, MCA, MSc) from CSE, ECE, EEE, E&I, and related branches with a minimum of 60% throughout academics. Roles offered include Cloud Support, Network Engineer, Java/Python Developer, and Software Support, with CTC ranging from ₹3.6 to ₹4.5 LPA. The job location is Vizag, with joining in October 2025 and a 3-month training period (stipend ₹16,000–₹21,000). A 2-year service agreement applies, and candidates must be from Vizag or nearby regions within 600 km. The selection process includes GD, aptitude test, technical and HR interviews |  |

1. **Co-Curricular Activities**

|  |  |  |
| --- | --- | --- |
| **S.No.** | **Activity** | **No. of students registered** |
| 1 | Edu Skills | 3035 |
| 2 | NPTEL | 387 |
| 3 | Value Added Courses | 1085 |
| 4 | CISCO | 6654 |

1. **NSS Service Programs**

|  |  |  |
| --- | --- | --- |
| S.No. | Date | Name of the event |
| 1 | 02.06.2025 | International Yoga Celebrations by NSS Unit & Dept. of MCA of VIIT |
| 2 | 05.06.2025 | World Environment Day by NSS Unit & Dept. of BS&H of VIIT |
| 3 | 21.06.2025 | 1. Yogandhra-2025 by NSS Unit & Dept of BS&H, VIIT, JNTUGV, Vizianagaram & Govt of Andhra Pradesh |

|  |  |  |
| --- | --- | --- |
| **S.No** | **Particulars** | **Image** |
| **1** | On 2nd June 2025, as part of the International Yoga Day–2K25, the NSS Unit of Vignan’s Institute of Information Technology (VIIT), in association with the Department of MCA, organized a Mass Yoga Demonstration at the AKCNB Hall. The session was held from 1:30 PM to 4:00 PM and was led by Mrs. Anita, Yoga Teacher from the Department of BS&H, VIIT, Visakhapatnam. A total of 180 MCA students and 2 faculty members participated in the session. The event aimed to promote physical and mental well-being through yoga. Four geo-tagged photographs were taken to document the activity. The program was coordinated by Dr. P. Sanyasi Rao, NSS Program Officer, VIIT. |  |
| 2 | On 5th June 2025, the NSS Unit of Vignan’s Institute of Information Technology (VIIT), in association with the Department of Environmental Science (BS&H), organized various activities to mark World Environment Day. The event featured a tree plantation drive in front of the CSE Department, where 32 students and 11 faculty members from MBA and MCA departments participated. A student pledge on environmental protection was conducted across 27 sections of I B.Tech during the first period. Additionally, an essay writing competition was held at Dharithri Block Seminar Hall with participation from 29 students of CSE, AI&DS, ECE, and IT departments. The activities aimed to foster environmental awareness and responsibility among students. | **C:\Users\S Ravi kumar\Desktop\WhatsApp Image 2025-06-10 at 12.45.32 PM.jpeg** |

|  |  |  |
| --- | --- | --- |
| 3 | The International Yoga Day celebration in Visakhapatnam, Andhra Pradesh, was truly extraordinary this year—marked by massive participation, meticulous planning, and grand symbolism. From early morning on June 21, a stunning corridor stretching approximately 26 km from Ramakrishna Beach to Bhogapuram was transformed into a sea of yoga mats. Over 3 lakh participants—including 11,000+ naval personnel and their families—joined Prime Minister Narendra Modi, Chief Minister Chandrababu Naidu, Deputy CM Pawan Kalyan, and other dignitaries for the mass practice of the Common Yoga Protocol ([special.ndtv.com][1]). This massive gathering shattered previous records: with over 3.02 lakh yogis on the beach, Andhra Pradesh claimed two Guinness World Records and 21 World Book of Records, including tribal students performing 108 Surya Namaskars for 108 minutes. 1500 students and 40 faculty of Vignan’s Institute of Information Technology were participated in this programme.  On 21st June 2025, the NSS Unit of VIIT, in association with JNTU-GV and the Government of Andhra Pradesh, organized *Yogandhra–2025* at Boyapalem (Compartment Nos. A-91 and A-92). The event featured a mass yoga demonstration from 5:30 AM to 8:30 AM with 1032 participants—911 from VIIT and 121 from VIPT—representing 13 departments.  Students performed yoga asanas under expert guidance, promoting physical and mental well-being in line with the theme “Yoga for Self and Society.” The institute arranged 20 buses for safe travel. The event fostered discipline, unity, and wellness, and was documented with geo-tagged photos. It successfully reinforced the importance of daily yoga in students’ lives. | WhatsApp Image 2025-06-27 at 1.39.05 PM.jpeg  WhatsApp Image 2025-06-27 at 1.39.06 PM.jpeg  WhatsApp Image 2025-06-27 at 1.39.07 PM.jpeg  WhatsApp Image 2025-06-27 at 1.39.08 PM.jpeg  WhatsApp Image 2025-06-27 at 1.39.09 PM (1).jpeg  WhatsApp Image 2025-06-27 at 1.39.09 PM.jpeg  WhatsApp Image 2025-06-27 at 1.39.10 PM.jpeg |

**5 (a) Research Publications:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ***S.No.*** | ***Name of the Author(s)*** | ***Department of the Author(s)*** | ***Title of the Paper*** | ***Name of the Journal*** | ***Month and Year of publication*** | ***ISSN*** | ***Link to the notification in UGC enlistment of the Journal*** |
| 1 | Tanna R.; Naik R.K.; Mohan Krishna P.; Rao B.S.; Andanapalli K.; Mallala B. | ECE | Design of Fuzzy Controllers for Flexible joint Robotic Manipulator | 2025 IEEE International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation, IATMSI 2025 | 2025 | 979-833152169-1 | <https://www.scopus.com/inward/record.uri?eid=2-s2.0-105007424471&doi=10.1109%2fIATMSI64286.2025.10985015&partnerID=40&md5=e40e919fd2f53e144dc0535b5b625475> |
| 2 | Reddy S.R.; Prameela K.; Duggi S.K.; Agrawal A.; Prasad A.; Abhilash S.R.; Kabiraj D.; Khan S.A.; Umapathy G.R.; Rao P.V.M.; Appannababu S. | BS&H | Fabrication of thin 194, 198Pt targets by using evaporation techniques at IUAC | Journal of Radioanalytical and Nuclear Chemistry | 2025 | 2365731 | <https://www.scopus.com/inward/record.uri?eid=2-s2.0-105006565090&doi=10.1007%2fs10967-025-10183-2&partnerID=40&md5=43d7432c134367eb2e8551b3d5633a18> |
| 3 | Devaraj E.; Kakaravada I.; Yadav S.P.S.; Kumar N. | MECH | Robotics, automation, and artificial intelligence's future in the automotive sector | Integrating Intelligent Control Systems With Sensor Technologies | 2025 | 979-833730332-1; 979-833730330-7 | <https://www.scopus.com/inward/record.uri?eid=2-s2.0-105007494110&doi=10.4018%2f979-8-3373-0330-7.ch010&partnerID=40&md5=9901f563fd63e9038c1bd31b0d3d5707> |
| 4 | Lakshmana Rao T.; Ramana C.H.V.V.; Thirupathi Rao N.; Alla S.K.; Thomas S.; Praveenkumar S. | BS&H | A Review on: Composing Magnetic Sensors with Nanoferrites | Inorganic Chemistry Communications | 2025 | 13877003 | <https://www.scopus.com/inward/record.uri?eid=2-s2.0-105007139149&doi=10.1016%2fj.inoche.2025.114764&partnerID=40&md5=ecf58174d0f8ca7d3567dfc31a028d0a> |
| 5 | Annaiah N.A.K.J.; Mahanty M.; Jagan B.O.L. | CSE | Data-driven real-time image super-resolution with enhanced generative adversarial networks | International Journal of Information Technology (Singapore) | 2025 | 25112104 | <https://www.scopus.com/inward/record.uri?eid=2-s2.0-105007351727&doi=10.1007%2fs41870-025-02566-1&partnerID=40&md5=df17f456293e8f21c1d75f15b06ed997> |
| 6 | Gupta S.; Roy M.; Pusarla N.; Aston P.J.; Gupta K.; Bajaj V. | ECE | 3-D Attractor Reconstruction for Enhanced ECG Classification of Arrhythmia and Congestive Heart Failure | IEEE Sensors Journal | 2025 | 1530437X | <https://www.scopus.com/inward/record.uri?eid=2-s2.0-105006693793&doi=10.1109%2fJSEN.2025.3572080&partnerID=40&md5=078ba91861abd27e22b9cc6086471bf3> |
| 7 | Ramana P.V.; Krishna Y.R.; Bobbili P.; Prasad K.V.; Mouli K.C. | ECE | Investigation of the anti-cancer drugs imatinib and thalidomide using analytical spectroscopy (FT-IR, UV-Vis) and molecular docking simulations | Results in Chemistry | 2025 | 22117156 | <https://www.scopus.com/inward/record.uri?eid=2-s2.0-105005517907&doi=10.1016%2fj.rechem.2025.102369&partnerID=40&md5=837850aeb5448126fe9d1f3c397306c8> |
| 8 | Virmani D.; Priyadharshini L.; Tanna R.; Ahmad A.Y.A.B.; Shavkatov N.; Dhanraj J.A.; Pandey D. | EEE | Cognitive computing in education using brain-computer interface | Concepts and Applications of Brain-Computer Interfaces | 2025 | 979-833151189-0 | <https://www.scopus.com/inward/record.uri?eid=2-s2.0-105007484779&doi=10.4018%2f979-8-3693-7427-6.ch027&partnerID=40&md5=d3c54f9b11a7cd4747c09cb8517d809a> |
| 9 | Tamilarasan A.; Renugambal A.; Rajamani D.; Shaik M. | ACSE | Experiment-based process modelling and analysis in Nd:YAG laser cutting of Hastelloy C-276: RSM-CCD technique | OPSEARCH | 2025 | 303887 | <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85200057945&doi=10.1007%2fs12597-024-00821-w&partnerID=40&md5=cb90e0aa5d35222fc1d82f19d81c6e6b> |
| 10 | Neupane K.; Dakua P.K.; Sahu J.K.; Polamuri S.R.; Ved A.; Chethan M.; Ananth D.V.N.; Kumar R.; Karri H.; Bhattarai S. | ECE | Empowering rubidium-based halide PSCs: A deep dive into ETL material performance | Journal of Physics and Chemistry of Solids | 2025 | 223697 | <https://www.scopus.com/inward/record.uri?eid=2-s2.0-105006847480&doi=10.1016%2fj.jpcs.2025.112897&partnerID=40&md5=f5f4bbeba996bdcd14272b94c94eff4e> |
| 11 | Sasank K.; Ram D.; Kandiraju K.; Bhattacharyya S. | ECE | Wearable Triple Band Dual Polarization Antenna for Body Area Networks | International Conference on Signal Processing and Communication, ICSC | 2025 | 26434458 | <https://www.scopus.com/inward/record.uri?eid=2-s2.0-105005707953&doi=10.1109%2fICSC64553.2025.10968677&partnerID=40&md5=9f413ad80bffcfa0e85a57e736fea5b3> |
| 12 | Mantha S.R.V.; Kumar G.B.V.; Pramod R.; Rao C.S.P.; Saharudin M.S.; Sahu S.K. | MECH | Comparison of the Self-Healing Behaviour of 60Sn40Pb and 99.3Sn0.7Cu Solder Alloy Reinforced Al6061 MMCs’ | Journal of Manufacturing and Materials Processing | 2025 | 25044494 | <https://www.scopus.com/inward/record.uri?eid=2-s2.0-105006543243&doi=10.3390%2fjmmp9050141&partnerID=40&md5=d0f3e07d132cab8714c85c84bf612ba6> |
| 13 | Venkataramaniah K.; Scheidenberger C.; Madhusudhana Rao K.; Vijay Sai K.; Srinivasa Pradeep A.; Seetharaman D. | BS&H | Comparative compilation of experimental and theoretical internal conversion coefficients of pure E2 transitions | Applied Radiation and Isotopes | 2025 | 9698043 | <https://www.scopus.com/inward/record.uri?eid=2-s2.0-105006881214&doi=10.1016%2fj.apradiso.2025.111932&partnerID=40&md5=7519dd7e3848a476c61d60826546a280> |
| 14 | Nagpal P.; Aggarwal S.; Sharma A.; Datta A.; Kuzieva N.; Gurusamy M. | MBA | Revolutionizing Human Resources for Safer Automotive Work Environments | AI's role in enhanced automotive safety | 2025 | 979-833730444-1; 979-833730442-7 | <https://www.scopus.com/inward/record.uri?eid=2-s2.0-105006521694&doi=10.4018%2f979-8-3373-0442-7.ch032&partnerID=40&md5=0558df82aeed727f2cb1cee6ac3742c2> |

**5 (b)** Research Papers Published in various Conferences by the Faculty:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S. No.** | **Date** | **Name of the Faculty** | **Department** | **Paper Title** | **Name of the Conference** |
| **1** | **12-06-2025** | **Mr.B. Divakar** | **EEE** | **Big Data Analytics in Renewable Energy Management for Intelligent Smart Grid Operation** | **13th International Conference on Smart Grid (icSmartGrid)** |
| **2** | **12-06-2025** | **Dr.K.Durga Syam Prasad** | **EEE** | **AI-Driven Multi-Objective Optimization for Energy Transformation from Renewable Sources to Smart Grid Infrastructure** | **13th International Conference on Smart Grid (icSmartGrid)** |
| **3** | **12-06-2025** | **Mrs.K.Sravanthi** | **EEE** | **Federated Learning-Based Energy Management Systems for Privacy-Preserving Demand Forecasting in Smart Cities** | **13th International Conference on Smart Grid (icSmartGrid)** |
| **4** | **12-06-2025** | **Mr.K.Sravan Kumar** | **EEE** | **Smart Grid Integration with Electric Vehicles: A Predictive Energy Management System Using Federated Learning** | **13th International Conference on Smart Grid (icSmartGrid)** |
| **5** | **12-06-2025** | **Dr.Ch.Hari Govinda Rao** | **MBA** | **Performance Analysis of Smart Grid Energy Systems Under Varying Loads Using Digital Twin and Real-Time Data Analytics** | **13th International Conference on Smart Grid (icSmartGrid)** |
| **6** | **18-06-2025** | **Dr.B.Trinadha** | **EEE** | **Integration of Renewable Energy Sources to Smart Grid Using Machine Learning- Based Forcasting Models for Grid Stability Enhancement** | **13th International Conference on Smart Grid (icSmartGrid)** |

**5 (c) Faculty Induction Program conducted at VIIT from 16th to 21st June 2025:**

|  |
| --- |
|  |

**6. Student Support Practices:**

|  |  |  |
| --- | --- | --- |
| **S.No** | **Particulars** | **Image** |
| 1 | On 23rd June 2025, 80 international Zimbabwe students from Vignan's Institute of Information Technology (A) under the coordinator Dean International Students Dr. S. Sahu visited the Kalpataru CoE Industry 4.0 lab. They explored advanced lab facilities and learned about STPI India’s role in supporting startups, gaining valuable exposure to India’s innovation ecosystem and its startup growth initiatives. |  |

**7. Extension & Community oriented Activities- Community Service Projects by Mechanical Engineering students:**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No** | **Date** | **Particulars** | **Image** |
| **1** | 14.06.2025 | Beach Cleaning Machine | **A group of men standing on a beach  AI-generated content may be incorrect.** |
| **2** | June 2025 | A Water Purifier with RO and UV system. | **A group of men standing together  AI-generated content may be incorrect.** |
| **3** | 23.06.2025 | Automatic floor cleaning (mopping) machine | **A group of men standing together  AI-generated content may be incorrect.** |
| **4** | 24.06.2025 | Anandpuram bus stand with solar operated lights and seating arrangement | **A person standing outside at night  AI-generated content may be incorrect.** |

**8. Awards & Recognitions – Student’s Achievement:**

|  |  |  |
| --- | --- | --- |
| **S.No** | **Particulars** | **Image** |
| 1. | **National-Level Hackathon:**  Dasu Sreejitha, Pravallika and Tharun II CSE students from Vignan's Institute of Information Technology (A) secured first prize at a national-level hackathon at Andhra University. Competing against 550 students from 10 states, they won **₹20,000** for them. “**Team Connect**” website supporting aspiring entrepreneurs. | **No alternative text description for this image** |
| 2. | **National-Level Hackathon:**  Mukesh Sai, Sai Kiran, Dhanush, Balaram Varma, Manohar Second-year students from 2nd year Artificial Intelligence and Data Science of Vignan’s Institute of Information Technology (A) were selected as National Finalist 1st ranking among the Top 4 teams in a national Hackathon by Geeks for Geeks at SRM University-AP. Their innovative project and teamwork earned them top recognition in the 3-day event as a team Nexus. | **No alternative text description for this image**  **No alternative text description for this image** |

**PRINCIPAL**