VRSEC COMMUNIQUE

HIGH LIGHTS OF THE PERIOD

46th Annual Day was celebrated with grandeur on 14th April 2023. Dr. GVR Prasada Raju, Vice - Chancellor, JNTUK, Kakinada and Sri. KV Chowdary, IRS, Former Central Vigilance Commissioner & Former Chairman, Central Board of Direct Taxes graced the occasion as the Chief Guest and Distinguished Guest respectively. Gold Medals, Academic, Annual Literary & Cultural Prizes were presented to the students. Vibrant cultural talents were the highlighting feature of the event.

16th Annual Sports Day was celebrated on 26th April, 2023. Dr. P. Ankamma Choudary, Joint-Secretary, Badminton Association of India, Secreatry, AP Badminton Association and Former Chairman, SAAP graced the event as the Chief Guest. Prizes and medals were presented to the national level, state level, university level winners and runners.

BEST STUDENT OF THE YEAR 2023:

Agasthi Sowmya Sree of ECE dept. received best student of the year 2023 as a part of APSCHE Excellence Awards 2023. She received memento, certificate and the cash prize of Rs 50000/- from honourable chief minister of AP, Sri YS Jagan Mohan Reddy. Education minister Sri Botsa Satyanarayana garu felicitated her parents. Prof. K. Hema Chandra Reddy, Chairman APSCHE presented the cheque to Ms Sowmya sree

CAMPUS PLACEMENT:

• 50 students were placed in the campus recruitment drives conducted during April to June 2023, making a total of 1166 in the academic year 2022-23
• The highest package is 45 LPA from Adobe, 44 LPA from AMAZON WOW, 30 LPA from Morgan Stanley etc.
• Companies visited during the period are Deccan chemicals, Sight Plan, Design tribes, Grow Controls, Hyundai Motors, Intellipaat, Ultra tech, Medha Servo, Efftronics, Teejay India LTD, Deccan chemicals, Kalpataru International LTD and Byjus.

PROJECTS OBTAINED:

• **ECE Department** received a project grant of Rs.17 lakhs from Department of Science and Technology (DST) - Science and Engineering Research Board (SERB) in May 2023. The project "Design and experimental validation of a novel AI-powered artificial pancreas" aims to develop a device for diabetes control by injecting the precise amounts of insulin into the patient's body.

• **Mechanical Engineering Department** received a project on "Design & Finite Element Analysis of Airworthy Composite Container" from the funding agency NSTL, Visakhapatnam worth Rs. 9.5 Lakhs on 7th June 2023. The project aims to minimize the weight of the existing metallic container by design modifications and using fiber-reinforced composite materials.

• **ME department** is also granted one more project titled "Design and Fabrication of Non-Axisymmetric VRTM Mould" in June 2023 worth of Rs. 5.1 Lakhs from Universal Engineering Technics, Hyderabad. The research involves design and fabrication of mould that will be used to prepare a component for missiles.

• **Department of Information Technology** is sanctioned a project on "Development of Healthcare Management System" by Avantel, Hyderabad worth Rs.11 lakhs in March 2023. The application provides a digital platform for remote health care services and management.

INFRASTRUCTURE UPGRADATION:

HP Pro one 440 G9 24" ALL-IN-ONE Desktop/ Intel Core I7/ 12th Gen/ 12700 Processor/16 GB DDR4 RAM/512 SSD HDD systems worth Rs.29,87,640/- are procured by the IT department

GUEST LECTURES/ SEMINARS/ WORKSHOPS/ FDP'S ORGANIZED:

• **The Department of Mechanical Engineering** organized a one week FDP on "Basics of 3D Experience - CATIA" during May 2023. Resource person Mr. N. Kamalesh, Application Engineer, EDS Technologies Pvt., Ltd., Bangalore, trained the faculty in CATIA and Modules Sketcher.

• **A guest lecture** was organized by Department of ECE in March 2023. The resource person Dr. D. Ranganadham, Deputy Director General (Engineering) and Head, Doordarshan Kendra Vijayawada, explained the concepts of DD Mobile and Wireless Broadcasting, Govt. initiatives and influence of 5G in broadcasting.

• **The Department of EIE** in association with Institution of Engineers, India and Physitech Electronics, Hyderabad organized a two-day national seminar on "Applied Python & IoT with Raspberry Pi" during April 2023. The resource person G. Aashay Reddy, Executive Director, Physitech Electronics demonstrated the use of IoT applications with cloud.

• As a part of Alumni Lecture Series, department of Information Technology conducted a session on "Career Guidance" in April 2023, to understand the job market scenario. The alumnus Ms. Mounika Kakarla, Lead Data Scientist, ADP, USA. gave an insight to the students on various domains to be successful in their IT career.

• To empower inclusivity, IT dept, conducted a seminar on "Unpacking Gender Bias and Fostering Positive Human Values" in April 2023. The session is handled by SAFE- Step Ahead For Equality, president Smt. Jyotsna Gullapalli. She discussed various societal issues related to gender bias, behavioral patterns in youth and human values.

• IT dept. conducted a session on Tech Future & Career Opportunities in April 2023 for first year B.Tech students. The alumnus Ms Mounika Sangana, Infrastructure & Devops Engineer, Bank of America, motivated students to improve technical skills for achieving highest package.

• IT dept, organized a Three Day FDP on AI for Business: Applications and Case Studies organized in April 2023. Mr B.Chandra Mouli, CoreTek and Dr.Nagesh Bhattu Sristy,Professor, NIT AP discussed on business applications with case studies.

• IT dept, organized a two day workshop on "Harnessing Emerging Technologies for Social Impact and Career Success" in May 2023. Mr. Rajkumar Choulapalli, Social Entrepreneur, Mentor and TEDx Speaker, TEKNOVR, made students aware of recent technologies which can be useful for their projects.

• Department of Civil Engineering organized Sri BV Krishna Rao Endowment Lecture on "3D Concrete Printing: Challenges and Opportunities" in April 2023. Dr. KVL Subramanyam, Professor, Department of Civil Engineering, IIT Hyderabad, discussed the current state of the construction industry and the challenges faced by it. He focused on the challenges and opportunities of 3D printing technology in the field of concrete construction.
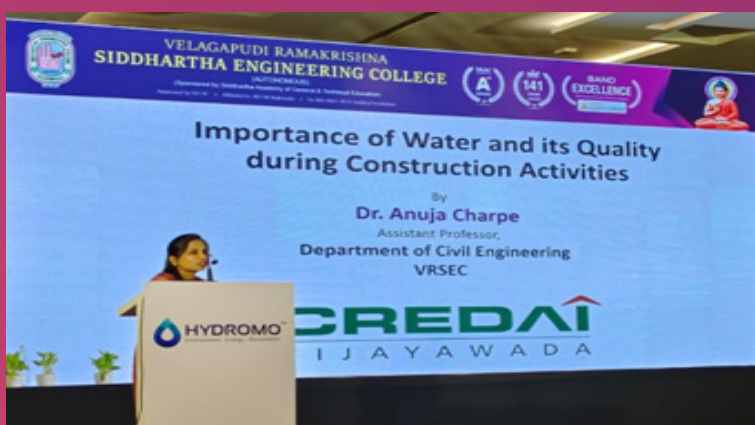
• CE Dept, organized an Expert Talk on "Eco Friendly Ultra High Performance Concrete", in June 2023. Dr. J. Sri Maruthi, Research & Development Engineer, Tindall Corporation, USA, discussed the environmental benefits of UHPC and its potential to reduce carbon emissions, conserve natural resources, and promote sustainable construction practices.

• CE Dept, organized a 3 day technical ttaff training program on "Testing, Calibration and maintenance of equipment", in June 2023, by M/s SSB Enterprises Ltd, Hyderabad and AIMIL, Hyderabad. The staff are trained in calibration of proving rings, dial gauges and periodic maintenance of equipment.

INVITED TALKS AND GUEST LECTURES DELIVERED BY THE FACULTY:

• Dr. Anuja Charpe, Assistant Professor, CE Dept, has delivered a lecture on "Importance of Water and its Quality during Construction Activities" at CREDAI Governing Body meeting, Vijayawada in April 2023. The need for testing and specifications of test parameters and their influence is highlighted.

FACULTY PUBLICATIONS IN JOURNALS, BOOKS AND PROCEEDINGS :

• The faculty from various departments published their research findings in 28 SCI journals, 144 SCOPUS indexed papers, 7 IEEE transactions, 13 book chapters and also authored 2 books, during april to June 2023.

STUDENT GRANTS:

• **Dept of CSE:** Avoor Khayim Ahmed Shaik Arshiya Sultana, R. Pavana Malleswari & CH. T V N S G S Satwik of ¾ B.tech received Funding from Department of Science & Technology & Vishnu Venture Accelator for Aquathon Cohort – Prototype building.

• Avoor Khayim Ahmed of ¾ B.Tech got Funding of 15 Lakhs from MSME Ministry of Micro, Small & Medium Enterprises

INTERNSHIPS:

• 36 students from ECE dept did paid internship at different core and software companies with stipend ranging upto Rs 45,000 per month

• In IT dept., one student did internship in Paypal India Pvt. Ltd with a stipend of 1,00,000 per month and other student in Microsoft with a stipend of 25,000 per month.

STUDENTS ACHIEVEMENTS:

• Mr. M. Vamsi, of 4/4 B.Tech CE Dept, has qualified in L&T BIS (Build India Scholarship) Scholarship scheme, 02 years full-time M. Tech degree in Construction Technology & Management, sponsored course at NIT Trichy, Course fee borne entirely by L&T. Stipend (Rs. 13,400/- p.m) is paid during the programme

• S. Shanmukh of 3/4 B.Tech CE Dept, was selected for University Innovation Fellows program 2022 and visited Silicon valley meet in march 2023 at Stanford University's Hasso Plattner Institute of Design. He shared his experiences to his fellow students after his return.

• 9 students from CE Dept, were selected for the TULIP (The Urban Learning Internship program), which is being implemented through a partnership between MoHUA and AICTE, under the Ministry of Education and the Ministry of Housing and Urban Affairs at Vijayawada.