FACULTY ACHIEVEMENTS

Hearty Congratulations to **Dr. S. Rama Krishna, Associate Professor, Dept. of Mechanical Engineering** on receiving a Indian patent grant for **THE LOW-NOISE FIBER REINFORCED AIR MOVER.**

Hearty Congratulations to **Dr. P.V. Rajeswari, Assistant Professor, Dept. of Physics** and Colloboration Team for getting the South African Patent on **BACTERIAL COMPOSITION FOR ENHANCING FLUORESCENCE.**

Hearty Congratulations to **Dr. V. Leela Rani, Associate Professor, Dept. of ECE** and her Students Mr. Golusupudi Lalith Nadh, Ms. Kandikuppa Veda Samhitha, Mr. Kuchetti Vidya Sagar, Mr. Karumunur Sai Abhishek, Mr. Kodanada Satya Kesava Kutchu, Mr. Sai Siva Aditya Srikar Konduri and Mr. Lankalapalli Lokesh for receiving the South African Patent on **AN IOT-BASED MONITORING SYSTEM FOR SMART AGRICULTURE AND METHOD THEREOF.**

Congratulations to **Dr. V. Leela Rani, Associate Professor, Department of ECE** her Students Mr. Golusupudi Lalith Nadh, Ms. Kandikuppa Veda Samhitha, Mr. Karumunur Sai Abhishek, Mr. Sai Siva Aditya Srikar Konduri, Mr. Kuchetti Vidya Sagar, Mr. Kodanada Satya Kesava Kutchu, Mr. Lankalapalli Lokesh and Ms. K. Rupa Sree on receiving a German patent for the "**ACCIDENT PREVENTION SYSTEM (APS) DESIGNED TO PREVENT ACCIDENTS AT TURNS ON HILL ROADS**"

Hearty Congratulations to **Dr. Y Anuradha, Associate Professor & Associate Head, Dept. of Computer Science and Engineering (Data Science)** for the grant of German Utility Patent for the invention titled "**SMART HOT PAD DEVICE FOR PAIN RELIEF USING MICROCONTROLLER AND PELTIER TECHNOLOGY**". This patent falls under the category of Medical Healthcare Utility.

Hearty Congratulations to **Dr. H. Parthasarathi Patra, Associate Professor, Dept. of CSE** for receiving a design grant for "**WIRELESS CHARGING TOUCH OPERATED BIOMETRIC POS DEVICE".**

Hearty Congratulations to **Dr G. Madhuri, Associate Professor of Dept. of Civil Engineering** for getting 2 Indian Patents Published in 2022!

Patent 1: **DETERMINATION OF MECHANICAL PROPERTIES OF ALKALI ACTIVATED SLAG CONCRETE UNDER AMBIENT AND HEAT CURING**

Grant Status: Published
Issuing Authority: Indian Govt.
Affiliation: Gayatri Vidya Parishad College of Engineering(A)
Publication date:04.03.2022

Patent 2: **PERFORMANCE OF ALKALI ACTIVATED SLAG CONCRETE AGAINST ACID AND SULPHATE ATTACKS**
Grant Status: Published
Issuing Authority: Indian Govt.
Affiliation: Gayatri Vidya Parishad College of Engineering(A)
Publication date:11.03.2022

Hearty Congratulations to **Dr. Chandra Sekhar Patro, Assistant Professor, Department of Management Studies** for having got sanctioned a project titled "*A Study of E-business Applications in Micro and Small Enterprises (MSEs) with reference to Food, Agro and Marine Products in Andhra Pradesh*" from UGC for a total grant of Rs. 3,90,000/- under Minor Research Project Scheme.
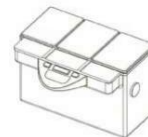

Hearty Congratulations to Dr. G. Madhuri (Principal Investigator), Associate Professor andDr. L. Venkat (Co-Principal Investigator), Associate Professor, Department of Civil Engineering for having got sanctioned a project titled "*Material characterization and flaw detection using Microwave Non-Destructive Techniques for concrete*" from AICTE for a total grant of Rs. 22,31,576/- under Research Promotion Scheme (RPS) 2021-22

Hearty Congratulations to **Prof Dr. DBV Jagannadham of ECE department** for getting a Design Patent granted.

Design Name : APPARATUS FOR MEDICAL WASTE TREATMENT

DESIGN NUMBER: 353410-001   Design Picture:

Co-Designers (4 members) : 2. Dr. DBV Jagannadham, Dept. of ECE, Gayatri Vidya Parishad College of Engineering

Hearty Congratulations to **Dr. G. Rajitha, Assistant Professor, Dept. of Chemistry** for conferment of **YOUNG SCIENTIST AWARD** for the year 2020 by the Andhra Pradesh Akademi of Sciences.

Dr. Puja Dash, Associate Professor, Dept. of Electrical and Electronics Engineering got sanctioned AICTE Training and Learning (ATAL) Academy online FDP "IoT INTERFACED SMART GRID TECHNOLOGY" for a total grant of Rs.93,000/-.

Dr. K.V. Nagalakshmi, Assistant Professor, Department of Chemistry chosen as "Associate Fellow of A.P. Akademi of Sciences for the year 2020".

Dr. R. Praveena, Associate Professor, Department of Physics chosen for conferment of the **Dr. INDIRANATH Award for the year 2020 under Excellent Women Scientist of A.P**. state given by AP Akademi of sciences.

Dr. K.B. Madhuri, Professor & Head, Dept. of Information Technology got sanctioned a project titled "**Modernization of Data Warehousing and Data Mining Lab using Graphical Processing Units (GPUs)"** from AICTE for a total grant of Rs.10,03,480/- under Modernization and Removal of Obsolescence (MODROB) 2020-21

Dr. S. Ramakrishna, Associate Professor, Dept. of Mechanical Engineering got sanctioned a project titled "**Development of Experimental Modal Analysis based Artificial Intelligence Method for Structural Health Analysis and Estimation of Remaining Useful Life of Composite Structures**" from AICTE for a total grant of Rs.14,31,373/- under Research Promotion Scheme (RPS) 2020-21

Dr. J. Ravindranath, Professor & HoD, Department of English was awarded Basant Sarkar Memorial Gold Medal by the Indian Social Science Academy at the 43rd Indian Social Science Congress held during January 17-21, 2020 in Bengaluru Central University, Bengaluru for his paper titled "Is Technology a means of Democratic Freedom or Conformism?" (presented in the 42nd Indian Social Science Congress, 2018)

Dr. G.V.E. Satish Kumar, Professor, Dept. of Electrical Engineering got sanctioned a project titled "**Direct Torque Controlled Induction Motor Drive for Hybrid Electric Vehicles with Space Vector Modulated Sliding Mode Controller to Reduce Torque Ripple**" from AICTE for a total grant of Rs.9,00,000/- under Research Promotion Scheme (RPS) 2018-19.

AICTE sanctioned an amount of Rs.329000 for conduct of Short Term Training Programme (STTP) on "Recent Trends in Power Quality Improvement Techniques in Grid Connected DG systems" - Coordinator : **Dr. K. Narasimha Rao, Professor & HoD, Department of EEE.**

AICTE sanctioned an amount of Rs.418000 for conduct of Faculty Development Programme(FDP) on "**Advanced CFD Simulation of Thermal Systems**" – Coordinator: **Dr. Mohan Jagadeesh Kumar Mandapati, Associate Professor, Department of Mechanical Engineering**.

AICTE approved grant-in-aid of Rs.1832000 for completion of **Skill and Personal Development Programme Center for SC/ST students** – Coordinator: **Dr. P. Venkata Rao, Professor, Department of Management Studies.**

Ministry of Science & Technology, Department of Science & Technology sanctioned an amount of Rs.63.45 Lakhs for the project proposal titled " **Indigenous Photonic System for Real Time Remote Monitoring of Air Quality"** – Principal Investigator : **Dr. Rao Tatavarti, Senior Professor of Civil Engineering Department.**

Science & Engineering Research Board (SERB), Department of Science & Technology sanctioned an amount of Rs.1.00 lakh towards conduct of National Seminar on "**Emerging Trends in Nano-Materials and their Engineering Applications**" under Assistance to Professional Bodies and Seminar Symposia scheme. Coordinator : **Dr. R. Praveena, Assistant Professor, Department of Physics.**

Dr. A.B. Koteswara Rao, Principal, Gayatri Vidya Parishad College of Engineering(A) honoured with the award of Best Engineering College Principal in A.P. by ISTE.

Science and Engineering Research Board (SERB) sanctioned an amount of INR 2173800 under Extra Mural Research (EMR) for the project titled "**Rural Health Care Improvement for Early Detection of NVD & NVE in Diabetic Retinopathy**" - Principal Investigator : **Dr. Birendra Biswal, Professor, Dept. of Electronics & Communication Engineering.**

Science and Engineering Research Board (SERB) accorded sanction of the research project titled "**A Computational Study of fractional differential equations**" under the guidance of **Dr. J. Vasundaradevi, Professor, Department of Mathematics, Dr. Syamal Kumar Sen, Director, GVP-LIAS, Dr. R.V.G. Ravikumar, Associate Professor, Mathematics, at a total cost of Rs.16.33 lakhs**