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Vishnu Institute Of Technology
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Vishnupur, Bhimavaram – 534202 :: West Godavari Dist. A.P.
Department of Electrical & Electronics Engineering

VISION OF THE DEPARTMENT

To be recognized as a Centre of Excellence in the field of Education and Research so as to produce Competent & Ethical Engineers capable enough to contribute to the society.

MISSION OF THE DEPARTMENT

- To develop innovative, efficient and proficient electrical engineers.
- To keep the curriculum industry friendly, with due regard to the University curriculum.
- To be a place for innovative blended learning and entrepreneurship development in multi-disciplinary areas.
- To promote ethical and moral values among the students so as to make them emerge as responsible professionals.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

PEO.1: To produce Electrical and Electronics Engineering graduates who have strong foundation in Mathematics, Sciences and Basic Engineering.

PEO.2: To provide intensive training in problem solving, laboratory skills and design skills to use modern engineering tools through higher education and research.

PEO.3: Ability to pursue higher studies and to seek employment in a variety of engineering technology positions and work successfully in their chosen career aspirations and generate entrepreneurs

PEO.4: To inculcate in students professional and ethical attitude, effective communication skills, teamwork skills, multidisciplinary approach, and an ability to relate engineering issues to broader social context through life-long learning.



Illuminations

Solar Power Plus Solutions team Silicon Valey, California

Solar Power Plus Solutions team at Silicon Valey, California, United States - Nominated for TYE (TiE Young Entrepreneurs) Global University Pitchfest for 2019 & TiE Con 2019 - Santa Clara (Silicon Valey), California, US - 09th to 11th May 2019

A team of two members Mr P Prasanna Kumar, IV EEE student (CTO, SP+) and Mr S Mahaboob Hussain, Asst.

Prof, CSE (In-charge EDC & Faculty Mentor TiE Hyderabad) participated in TYE University Global Competition 2019 held at TiE Global HQ, Santa Clara, California, United States during 09th May 2019 to 11th May 2019. This team was nominated by TiE Amaravati on this global stage for winning the overall championship in TiE Business Idea Competition earlier on 09th March 2019 at Hyderabad.

Overall 17 teams have participated from all over the world in the TYE University Business Idea Competition. Mr Prasanna Kumar (CTO, SP+) pitched about the Solar Power Plus Solutions Business model/idea along with the value proposition/product market fit, differentiation from the competition and operational/execution approach, leadership/teamwork, financial viability/returns.

Participations:

Team SP+ participated in the Startup Bootcamp where Educational & Coaching Session offered by TiE Silicon Valley instructors (and serial entrepreneurs). Attended a session by Dr Naeem Zafar (Serial Entrepreneurs, Professor of the Practice & Lecturer, University of California Berkeley & Brown University) and Raj Jaswa, serial Entrepreneur and Professor at IIT, Bombay.

This team also invited and participated in TiE Con 2019 which is the Worlds largest entrepreneurship conference by TiE Global Silicon Valley Chapter at Santa Clara Convention Center, Santa Clara, California held on 10th and 11th May 2019. Nearly, 1500+ Entrepreneurs, Investors and CEOs of several companies in Silicon Valley and all over the world attended this conference. Also, got an opportunity to participate in the youth track specifically for young entrepreneurs. It's a showcase of several young children, as well as high scholars who have formed their startups.



International Yoga Day Celebrations @ VIT

International Yoga Day was observed at the Sports Complex on 21st June 2019. Students from all branches of VIT, Teaching and Non-teaching staff participated. Yoga trainer Mr. S. Narasimha Raju demonstrated various Asanas and explained their benefits. Director and Principal Dr. D. Suryanarayana encouraged the students to practice Yoga regularly and eliminate stress from their lives. Seminar and Debate were conducted on the occasion and prizes were distributed to the winners by the Principal.



Librarians' Day Celebrations

National Librarians' Day 2019 was celebrated on 12th August, 2019 commemorating the 127th birth anniversary of Padmashri Dr. S. R. Ranganathan, the father of Library Science in India for the second time across all the institutions in the Bhimavaram campus of Sri Vishnu Educational Society.

Dr. D. Suryanarayana, Director and Principal, Vishnu Institute of Technology, delivered his valuable speech on this auspicious day. In his address Dr. D. Suryanarayana highlighted the importance of libraries as excellent resources of knowledge and the need to utilize them effectively for acquiring knowledge. He also advised the students to form clubs to utilize all library resources productively. Dr. Y.M.V. Naga Raja Rao, Librarian, Vishnu Institute of Technology addressed the gathering and explained about the importance of Librarians' Day. Along with the Librarians, Library Professionals and Library staff and several other invited dignitaries from different Institutions of the Campus participated in the celebration and encouraged the students with their words of inspiration. The program commenced with lighting the lamp and offering floral tributes to Padmashri Dr. S. R. Ranganathan and our Founder Chairman



Inauguration of I B Tech class work @VIT

The Class work of I B Tech for the academic year 2019-2020 commenced at Vishnu Institute of Technology. The Induction programme began with a formal Inaugural ceremony presided by Vice Chairman Sri Ravichandran Rajagopal. He addressed the gathering of parents and students on this occasion. He set the tone for the occasion acknowledging the contribution of Founder Chairman Padmabhusan Dr.B.V.Raju and the vision of Chairman Sri K.V.Vishnu Raju for Sri Vishnu Educational Society. Acknowledging the ever changing demands of Industry 4.0, he called for a mindset that transcends fixed traditional ideas. He urged the students to be interdisciplinary in their approach. Earlier Director and Principal Dr.D.Suryanarayana introduced the institution, the key persons and the activities of Vishnu Institute of Technology. Later alumni of VIT, senior students, freshers and parents also shared their ideas.



National Level Seminar conducted by EEE Department

Department of Electrical and Electronics Engineering organized CSIR sponsored Two Day National Level Seminar on "Innovations, Challenges, Opportunities and Policy Frameworks of Renewable Energy System for the Future India" on 30th & 31st August 2019. Main objective of this seminar is to provide wide knowledge to the faculty members, researchers, students and stakeholders on the needs, importance, contemporary issues, innovation, mission, target and scope of renewable energy in India, on defending the energy requirements for the future. In this program, the detailed views on the challenges in research, availed job opportunity from the renewable developments and future targets, role of advanced power converters in application to renewable energy, discussion on similar concepts in renewable systems related to reliability and advancement of technology are to be addressed by the subject experts. Total number of participation is 60, which includes 20 Faculty from 12 different colleges, 20 students from IEI student chapter and 20 participants from Electrical & Electronics Department.



TiE Grad 2019- Education to Entrepreneurship & MoU with TiE Hyderabad



Innovation and Entrepreneurship Development Cell (IEDC), Vishnu Institute of Technology organised a One Day program to the students and faculty towards Innovation and Entrepreneurship development and startup culture in the institute. People from various industries visited the campus and come forward to mentor our students towards building their ideas into the reality for starting their own business and ventures as startups. In this program, Mr Subba Raju Pericherla, Chair, TiE Grad, Director, KLCP Holdings, Founder, Cross-Borders addressed the students and initiated TiE Grad Kickoff Session and share his experiences and the winning moments of the various TiE Grad teams. He also mentioned the Solar Power plus Teams who win the TiE Grad Championship at Hyderabad and nominated to Global Competition held at California, US from Vishnu Institute of Technology in 2018-19.

Followed by an Inspirational Talk on Why Entrepreneurship? by Mr Raj Samala, Business Coach, TiE Grad 2019, Founder, Revalsys Technologies and TiE Mentor for Vishnu Institute of Technology. Mr Raj Samala is our mentor for the students towards this TiE Competition and Startup acceleration. He also mentored our Solar Power Plus Team and drives our students towards winning the championship at TiE Grand Finale and also participated in the Global Finals held at California, US.

In the afternoon session, TiE Grad Idea Camp & Idea Validation was handled by Mr Hari Pratap Elduri Idea Coach, TiE Grad 2019 Senior Technology Business Strategist. 526 students participated in this event from all Engineering branches and MBA. 34 teams (six students per each team) has generated 34 unique innovative ideas and turned out for the Idea Validation by Mr Hari Pratap Elduri and worked out on their innovative ideas to complete the TiE Grad lean canvas model.

Ingenium



Winner of the ninth edition of "Ingenium"

QuEST Global, a global product engineering and lifecycle services company, recognized the engineering students from Vishnu Institute of Technology, Bhimavaram, Andhra Pradesh as the winner of the ninth edition of "Ingenium", a global initiative aimed at encouraging innovation and imagination amongst engineering students. The projects presented at Ingenium final were evaluated based on innovation, relevance to industry and society, and marketability by eminent jury members. The panel of judges included Parag Marathe, Executive-Engineer GE Power & Site Leader Hyderabad Technology Center, GE, Ashish Dugar, Chief Technology Officer, MAN Truck & Bus India Pvt. Ltd., and Venugopalan C.V., Chief Engineer, QuEST Global.

The budding engineers from India and the UK showcased projects across Software & Digital, Power, Healthcare, Automotive, Embedded & Electronics and Mechanical streams and focused on solving the various challenges around digital transformation and Industry 4.0. The winning team consisting of Gubbala Phani Chandra, Buddarapu Sai Rakesh Kadali, Sai Tarun and Mahankali Prem Kumar from Vishnu Institute of Technology demonstrated an original way to sort out issues caused during export of shrimps and offer digitization solutions for proper monitoring and temperature maintenance.

Placements



COMPANY	NO. OF STUDENTS PLACED
Capgemini	23
CTS	05
Johndeere	01
Accenture	02
Mphasis	02
Wipro	01
Vijai Electricals	02