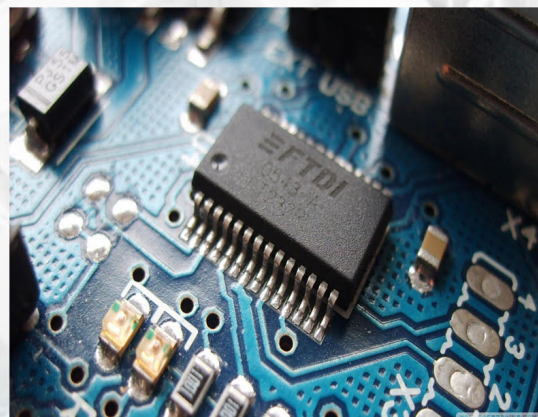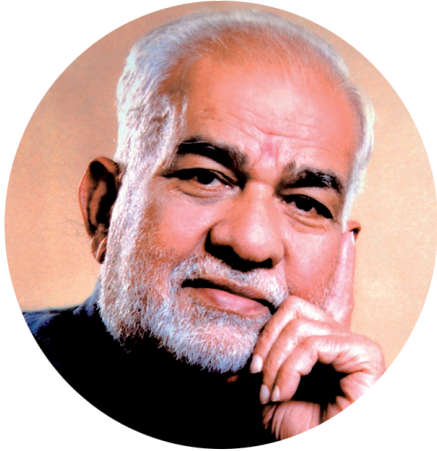# VIT EC MAX

VISHNU INSTITUTE OF TECHNOLOGY

BHIMAVARAM

VISHNU INSTITUTE OF TECHNOLOGY

Padma Bhushan
Dr. B. V. Raju

Vishnu Institute of Technology, the scion of Shri Vishnu Educational Society was established in 2008 and is currently the eleventh educational institution to disseminate education under the aegis of this society. Nascent that it is, it combines in its matrix the lofty idealism of its Founder Chairman the Late Padmabhushan Dr. B. V. Raju, a distinguished industrialist, philanthropist and an eminent educationalist; the experience and vigour provided by the Chairman Sri K.V.Vishnu Raju, a man of holistic vision and his team comprising dexterous administrators, reputed academicians and brilliant line of students. They constantly strive to make the institution join the ranks of prestigious technical institutions.

Campus

The Campus, sprawling over 100 acres, is located in the verdant atmosphere of Vishnupur, Bhimavaram. It is in the vicinity of the town and is well connected by rail and road. VISHNU also provides hostel facilities to students who opt for a residential mode of education. The hostels are constantly updated and provide an atmosphere conducive to pursue education.

Hands on Experience

To make the instruction in VISHNU more practical-oriented, special focus is on hands on experience. The Assistive Technologies Lab works in collaboration with the University of Massachusetts, USA to help students to combine technology with a humanistic outlook. Gadgets for the physically challenged are designed and developed here by students under the guidance of eminent professors both from the Institute and abroad. VISHNU aims at empowering students with technical skills and a "can-do" entrepreneurial spirit. The IBM Software Centre of Excellence in the campus provides students with best quality technical education there by increasing the skill set of each student and faculty for a great career.

Department of Electronics and Communication

The Department of Electronics and Communication Engineering was established in the year 2008 to start a 4-year B.Tech degree programme affiliated to Jawaharlal Nehru Technological University, Kakinada with an intake of 60. The intake was increased from 60 to 120 from the academic year 2009-2010. In addition to this, the department has 10% lateral entry students at II year level. For the Academic year 2012-2013 the department intake was increased to 180.

The Department has always been in the forefront in producing quality Engineers. The Department has excellent infrastructure facilities and resources in the form of modern equipment, faculty, library & references which always prove useful to our UG students. The department periodically organizes seminars, symposia, workshops and guest lectures for the benefit of both students and faculty.

HELM OF AFFAIRS

Academics are a continuing process of exploration, growth and sustenance. Today information explosion has brought about many changes. New ideas are generated, new interpretations are given and new applications are invented. The equations are changing very fast both in education and at the work place. Every day brings in new demands. One has to constantly upgrade to cope with the fast emerging trends. A software professional once said "We are training people in technologies to find solutions for problems that have not yet been identified".

Moreover the roles and responsibilities of professionals are ever expanding making it imperative to move beyond the confines of the classroom and the stipulated curriculum and focus on the skills needed to cater to the needs of the society. Hence it has become imperative to all the stakeholders in education to arm themselves with the necessary knowledge, skills and attitude to keep themselves abreast of the rapid changes.

That explains everything—the Chairman's message to the faculty to constantly update themselves with the emerging new technologies and concepts, the focus on research, paper presentations and publications, undertaking new projects, adopting new technologies for information collection and dissemination as well.

 "The key to growth is the introduction of higher dimensions of consciousness into our awareness" -- Lao Tzu.

That is what the message of our Chairman does, to motivate us to action.

 The stimulus has been given...

    It's time for response.

VISION OF THE COLLEGE

To ignite the minds of the students through academic excellence so as to bring about social transformation and prosperity.

MISSION OF THE COLLEGE

➢ To expand the frontiers of knowledge through quality education.
➢ To embody a spirit of excellence in teaching, creativity, scholarship and outreach.
➢ To provide a platform for synergy of academy, Industry and community.
➢ To inculcate high standards of ethical and professional behavior.

VISION OF THE DEPARTMENT

In pursuit of world class excellence in the field of Electronics& Communication Engineering by imparting quality education and promoting Research.

MISSION OF THE DEPARTMENT

➢ To empower students with knowledge and competencies in the field of Electronics& Communication Engineering conforming to International standards.
➢ To produce creative solutions essential to local and global needs in the field of Electronics& Communication Engineering.
➢ To mould the students professionally with a consciousness of moral values and professional ethical code.

ONLINE CERTIFICATIONS

In the view of Pandemic, the Department offered free online certification courses to the students from several companies like:

Cousera:
Machine Learning and Data Science
Business English Communication
Introduction to Python
EDx:
Introduction to Data science
Python

Online Learning Experiences

"Started strengthening ourselves"

COVID-19 has a major impact on our lifestyles from the past three months. Many things around us had changed in just a wink of eye. One such major change for us is online classes.

We found ourselves transported from learning among the pleasant feels of nature in the campus to learning in between the four walls of a house. We found how effectively we can work alone. In the start, it's been a bit tough for us to cope up with the new way of learning. Later on with the support of our faculty we are doing our best with the online classes. Along with the class work and assignments we are also doing online courses which is improving our talent. I would like to thank our management for providing Coursera courses free for us.

V Bavya Sri
I B.TECH ECE

"Learning is in Progress..!"

T. Bindu Latha
II B.TECH ECE

Yes, the learning process of physical distancing as well as online learning is in progress. The initial days of this style of learning was a bit difficult. But as the days passed, the online learning became a daily routine. We will have a class from our college either in zoom or Google meet. And we have many free online courses such as Coursera, GATE online classes conducted by JNTU, etc.

Beside doing the work at home, I keep myself engaged in these online courses, which I believe, will help a lot for my career growth, during these days of epidemic. The level of satisfaction one gets in attending the classes online is nothing when compared to that in the college.

This is purely because of the support and encouragement we get from our faculty. Waiting eagerly to be back in our college!!

Willingness to Learn

Initially I had no idea, how great my online teaching experience would turn out to be, I taught for one year in the traditional class room while engaging 60 students at a time. Students in the class room were hesitant even to raise their doubts ..

But during online classes students are more relaxed and interacted with me better than before. The class discussions in the online classes are now consistently lengthier, more insightful, and necessitate a higher level of preparation. These students are actually reading the material, reflecting upon it and responding to questions that have been posted. It has given me a great experience to deal with the students both in traditional and online teaching.

**B Elisha Raju
Faculty, ECE**

"I am habituated a lot to technology during this lockdown period..!"

S. Ahmed
I B.TECH ECE

Online classes have emerged as a new way of learning for us. Suddenly there was a shift away from the classroom and teaching began on remote digital platforms. This was happening all around the globe. A glance around reveals that many educational institutions are turning online. It leaves us wondering how long online instruction would persist post-pandemic.

I have seen that other students also started to adjust to this pandemic situation and they are also attending the online sessions regularly. We ourselves tried to get into this chain. Initially we struggled to adjust ourselves, we got stuck in a tricky situation when the online classes were started, but we were able to overcome because of the motivation of our faculty. Later on due to continuous online sessions we started adjusting our time and realized that in a way we are preparing for our future. Moreover with these classes we are experiencing new transformations with online courses. Being a tech savvy generation, we realized the potential of technology as we began to use Zoom and Google meet as our tools to connect. We analyzed ourselves and gained a lot of confidence. I believe that this change in us is very important during this pandemic situation. Yet online education does have its own challenges. Some students without reliable internet access and/or technology struggle to participate in digital learning.

On the personal level, I have learnt time management and to be responsible during this quarantine. I am strictly following quarantine measures and am committed to stay at home. I am habituated a lot to technology during this lockdown period. Hope you are all doing the same to reduce the spread of COVID-19. Hope, we are all going to meet back again in the campus.

Achievements in Drone Technology

NO.OF PLACEMENTS IN DRONE FIELD: 01

Javvadi Venkat - 16PA1A0455

SMRD Agri Services Pvt.Ltd- 3 LPA

NO OF INTERNSHIPS: 03

S.No	Roll Number	Name of the Student	Name of the Company
01	17PA1A0448	K.Surya Babu	Vimanam air Technical Pvt.Ltd, Chennai
02	17PA1A0415	B.Sumanth	Vimanam air Technical Pvt.Ltd, Chennai
03	18PA5A0401	A.Mohan	Vimanam air Technical Pvt.Ltd, Chennai

AWARDS:

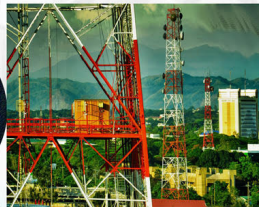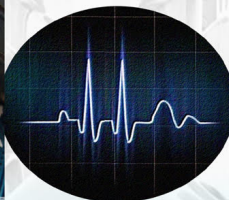|		
T S S PAVAN KUMAR V RAJA YASWANTH VARMA P PAVANI	**SECOND PRIZE IN WRC-QUADCOPTER**	TIMES TECHNOXIAN, INTERNATIONAL ROBOTIC LEAGUE AND WORLD ROBOTIC CHAMPIONSHIP, THYAGARAJA STADIUM, NEW DELHI, INDIA
K.SURYA BABU	**FIRST PRIZE IN DRONES**	SRI SAI RAM ENGINEERING COLLEGE, CHENNAI
	BEST INNOVATION OF DRONES	ADIKAVI NANNAYA UNIVERSITY, RAJAMAHENDRAVARAM-533296
K.BHAVIN B.SUMANTH CH.SATEESH	**RUNNER UP IN SPOTIGHT-DRONE**	GMR INSTITUTE OF TECHNOLOGY, RAJAM, ANDHRAPRADESH
V.RAJA YASWANTH VARMA P.PAVANI	**FIRST PRIZE IN DRONES**	KARUNYA INSTITUTE OF TECHNOLOGY, COIMBATORE,TAMILNADU

NEWS LETTER

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Electronics and communication

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