

GUDLAVALLERU ENGINEERING COLLEGE
SESHADRI RAO KNOWLEDGE VILLAGE::GUDLAVALLERU
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

CIRCULAR

Date: 27-01-2021

The Department of EEE is organizing a Work Shop on “ **Internet Of Things** ” by team from **APPLY VOLT**, Hyderabad on **29-01-2021** and **30-01-2021** to III-B.Tech Students in association with ESCON. Hence all the students are informed to attend without fail. The attendance will be monitored.

Note: The academic coordinators of the III. B.Tech are requested to monitor and make the attendance before 4 P.M available to respective subject teachers if any.

Online Platform: Microsoft Teams.

Time: Full Day


(Dr.B.DASU)

HODI/C



**A TWO DAY WORK SHOP
on
" INTERNET OF THINGS "**

29th JAN - 30th JAN, 2021



Organized by

**Department of Electrical & Electronics
Engineering**

GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to
JNTUK, Kakinada)

Seshadri Rao Knowledge Village Gudlavalluru-521 356,
Krishna Dist. A.P. (Approved by AICTE, New Delhi,
Accredited by NBA)

Phone: (08674) 273737, 273888,

Fax: (08674) 273957

Website: www.gecgudlavalluru.ac.in

Chief Patrons:

Dr. Nageswara Rao Vallurupalli,
-Chairman, AANM & VVRSRES.

Sri. Srinivasa Rao Musunuri,
-Co-Chairman

Er. Satyanarayana Rao Vallurupalli,
-Secretary & Correspondent

Sri. Rama Krishna Vallurupalli,
-Co-Secretary & Correspondent

Patron:

Dr. G. V. S. N. R. V. Prasad,
-Principal

Co-Patrons:

Dr. P. Kodanda Rama Rao,
-Vice Principal Administration

Dr. M. R. Ch. Sastry-Vice Principal Academics

Advisors:

Dr. P. Ravindra Babu, Advisor to the
Management

Dr. B. Karuna Kumar, *Director (AS&A)*

Convenor:

Dr. B. Dasu, *Assoc. Prof & HOD*

Organizing Committee:

Coordinator:

Mr. E. Vargil Kumar, *Assoc. Prof*

Mobile: 9502392817

Co-Coordinator:

Smt. Sufia Khanam, *Asst. Prof.*

Mobile: 9492937760

About the College:

The college is promoted by AANM & VVRSR Educational Society, Gudlavalluru and was established in 1998. The college is situated in Gudlavalluru, surrounded by lush green fields, providing serene atmosphere to learners. The college offers B.Tech. programmes in eight branches of Engineering viz, Civil, Electrical & Electronics, Mechanical, Electronics & Communication, Computer Science, Information Technology, Artificial Intelligence & Data Science, Internet of Things and CSE (Artificial Intelligence and Machine Learning) with a total intake of 1320. It also offers five PG programmes in Engineering (M.Tech.) and Business Management (MBA). The college is permanently affiliated to JNTUK, Kakinada and obtained the Autonomous status from U.G.C. in the year 2014 and the status extended till 2025. All the eligible branches of engineering are accredited by NBA, New Delhi. The Institution is continuously striving for excellence by adopting changes to improve the systems, practices and performance levels. TCS.

About the Department:

The Department of Electrical and Electronics Engineering was established in 1998 and is offering undergraduate course in Electrical and Electronics Engineering. It has been accredited 4 times (one time under Tier-1) by the National Board of Accreditation (NBA) and recognized as Research Centre by JNTUK, Kakinada. The department has qualified and experienced staff and well equipped Labs. Students of the department have been placed in a good number of core and software organizations and excelling in examinations like GATE, CAT etc. It is also offering M.Tech course in Power Electronics and Electric Drives. Department is marching forward keeping pace with the technological advances in Electrical and Electronics Engineering.

Resource Persons:

- Mr. N. Ramesh, CEO, Apply Volt Technologies, Hyderabad.
Ph No: 90009 00485
- Team Apply Volt Technologies, Hyderabad

Objectives of the Program:

- To provide an introduction to IoT technologies, applications, and potential benefits.
- To explore the potential use cases of IoT in various industries and domains, such as healthcare, transportation, manufacturing, and agriculture.

Topics:

- Communication Protocols
- Creation Virtual Servers
- Data Logging to Cloud

Eligibility: All III B. Tech Students
Registration is free

About the course:

The practical exposure is most important for engineering under graduate students, but the software programs can provide an additional support to them for better and easy learning. There are various software and these can be used for learning the various electrical engineering subjects like circuit theory, control system, power system, power electronics and drive etc. In all the sector of engineering i.e., power plants, distribution substation also in industry various monitoring is done by with the help of computer. All the designs of distribution system and electrical machines, house and building winding is prepared by computer software. So, there is an important role of software in real life engineering. It is very important to educate the future engineers with the help of software for their better carrier and better understanding. This course provides a platform to learn the latest software tools to the students for finding the better applications in engineering

Expected Outcomes of the course:

- Increased awareness and understanding of IoT technologies and their potential applications.
- Improvement of skills and knowledge related to IoT technologies and their implementation.

About APPLY VOLT TECHNOLOGIES PVT LTD

APPLY VOLT emerged as an Electronics company specializing in high end technology of VLSI, EDA tools, TCAD, DSP,IOT, PCB, AI&ML, SPICE Modelling & fabrication services for Corporates, Research Labs & Academic Sector.

They offer a complete portfolio of Hardware Design Services for single board design, Multi board system design, FPGA based designs, reference designs, evaluation platforms, power optimized designs, small factor designs, high density boards.

They engage customers in deep technical discussions in order to learn their needs and work together with customer to provide solutions that meet their actual requirements. With their technical strength and the readiness for deep and long-term involvement, they are confident in providing service of the highest quality. Today, they offer world-class products and just in time service to its customers.

Their university program started establishing collaborative relations with the universities in the country in order to create bridge between academia and industry. This relationship has evolved through collaboration with faculty on curriculum design, setting up curriculum labs, conducting workshops, seminars, faculty development programs and knowledge exchanges. APPLY VOLT has been known for Excellent in its services.

APPLY VOLT TECHNOLOGIES LTD

PROFILE

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OF PARTICIPATION

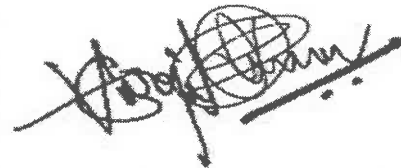
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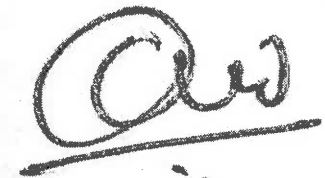
Of Electrical & Electronics Engineering Department, Seshadri Rao Gudlavalleru Engineering College
Has participated in two day workshop on " Internet of Things ", Organized by Department of
Electrical and Electronics Engineering, In association with ESCON , during 29th January 2021 to
30th January 2021.



K. Ramesh
C.E.O, APPLY VOLT



E. Vargil Kumar
Faculty Advisor



Dr. B. Dasu
H.o.D - I/c- EEE

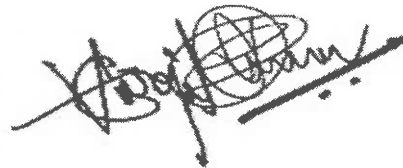
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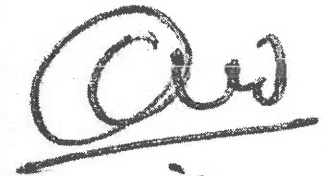
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K. Ramesh
C.E.O, APPLY VOLT



E. Vargil Kumar
Faculty Advisor



Dr. B. Dasu
H.o.D - I/c- EEE

PROGRAM REPORT

Name of the Program : A two day Workshop on "Internet of Things"

Dates : 29th January 2021 to 30th January 2021

Details of the Resource Person : Team from Apply Volt,
Vijayawada

Phone number : 9000900485

Objective of the Program:

- To provide an introduction to IoT technologies, applications, and potential benefits.
- To explore the potential use cases of IoT in various industries and domains, such as healthcare, transportation, manufacturing, and agriculture.

Outcomes of the Program:

- Increased awareness and understanding of IoT technologies and their potential applications.
- Improvement of skills and knowledge related to IoT technologies and their implementation.

No. of Participants : 162

Concluding Remarks

: The workshop discussed how IoT is rapidly transforming various industries, including healthcare, transportation, and agriculture, among others. Workshop stress the importance of IoT as a key driver of digital transformation and its potential to bring significant benefits to society.

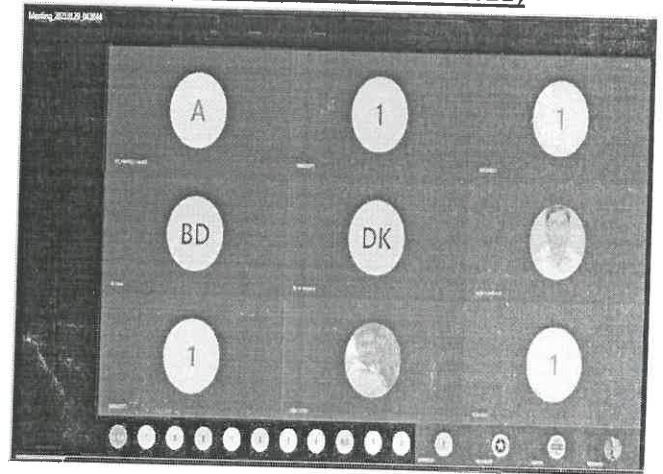
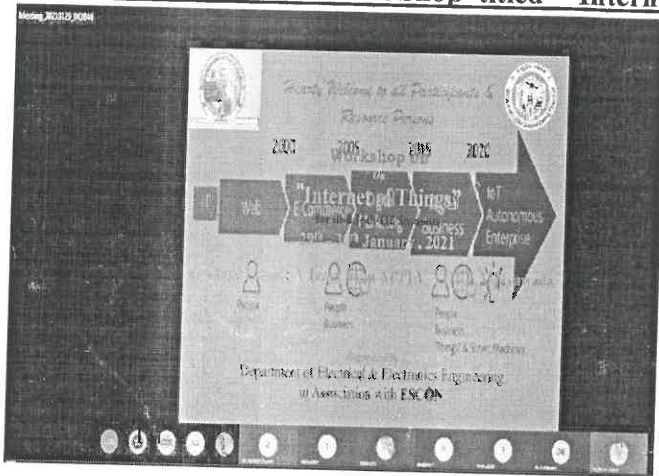
Coordinator

HoD, EEE



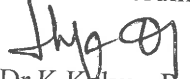
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Report on Student Work Shop titled "Internet Of Things" (29-01-2021 and 30-01-2021)



The Department of EEE is organized a Work Shop on "Internet Of Things" by team from APPLY VOLT, Hyderabad on 29-01-2021 and 30-01-2021 to III-B.Tech Students in association with ESCON. The workshop was on "Internet Of Things". This event was coordinated by the ESCON body members under the supervision of faculty advisor Dr.K.Kalyan Raj. In this pandemic situation for thriving the needs of continuous learning the workshop was conducted through online mode in Microsoft Teams platform. Around 170 members of IIIrd B.Tech attended the work shop and got familiarized with the topic. Students had taken part enthusiastically and inter acted well. Total 15 Hours was taken to complete the Work shop. The students gained knowledge and hand on experience in the area of "Internet Of Things" and it will help them to do projects in their final year.

ESCON-Coordinator


Dr.K.Kalyan Raj


HOD-EEE(I/c)

Head of the Department
Electrical & Electronics Engineering
Gudlavalluru Engineering College
GUDLAVALLERU - 521 356