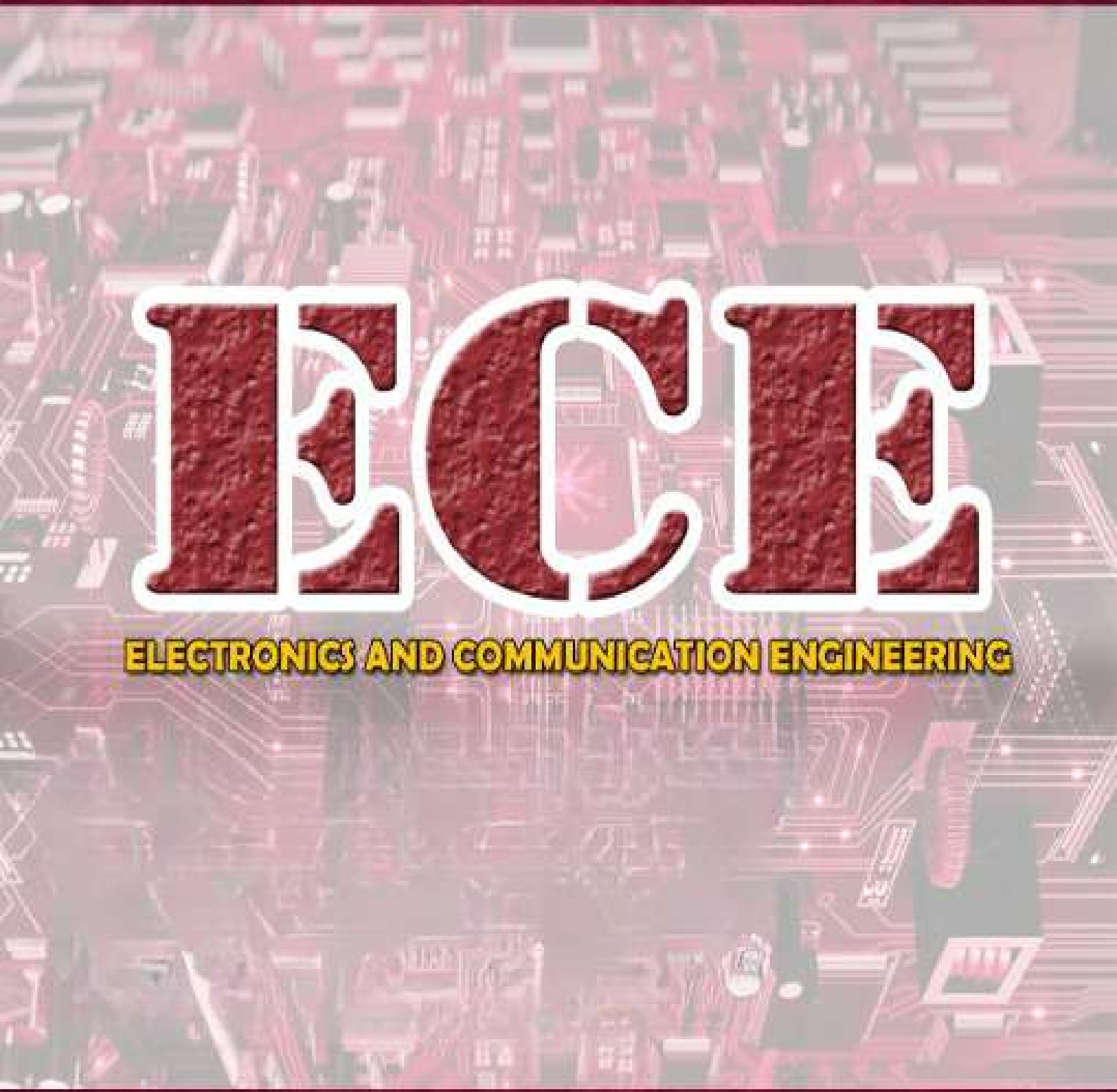


# **NEWSLETTER**

**VOLUME 1 ISSUE 3**  
**AUGUST, 2021**

The background of the central section is a faded, high-resolution image of a printed circuit board (PCB). It shows intricate patterns of copper traces, various electronic components like resistors and capacitors, and a complex network of solder points. Overlaid on this background is the acronym 'ECE' in large, bold, serif capital letters. The letters are filled with a dark red color and have a thick white outline, making them stand out prominently.

# **ECE**

**ELECTRONICS AND COMMUNICATION ENGINEERING**

**ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY**

## **Vision**

-->To emerge as a centre of excellence in education and Research

## **Mission**

-->To establish skill and learning centric infrastructure in thrust areas

-->To develop Robotics and IOT based infrastructure Laboratories

-->To organize events through industry institute collaborations and promote innovation

-->To disseminate knowledge through quality teaching learning process.



**Dr. R V V KRISHNA**  
**HOD ECE**

ECE department was established in the year 2004 with an intake of 60 students and now it has been expanded with an intake of 240 students. ECE plays a vital role in Technology Revolution. Our main aim is to generate new knowledge by engaging in cutting-in research to promote academic growth and to develop human potential to its fullest extent so that intellectually capable & imaginatively gifted leaders can emerge in a range of professions. We have Modern state of the art and well furnished labs like Microwave and Optical Communication Lab, Electronic Devices and Circuits lab, Modern Communication Lab, Research lab etc with excellent laboratory facilities and dedicated faculty.

# CONGRATULATIONS



**Dr VIVEK RAJPUT**

**for your**

**PhD degree**

**Research Title**

**“Novel approaches of detection handoff and Hybrid MAC Protocol in Cognitive Radio Network”**



**D KISHORE**



**I RAMESH RAJA**





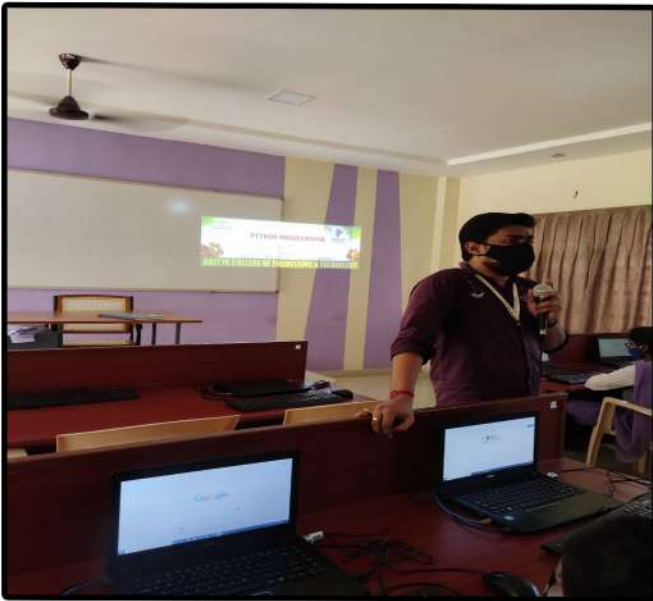
# WORKSHOP ON PYTHON

A 15 day workshop on Python has been conducted from 19-04-2021 to 03-05-2021 in Aditya College of Engineering & Technology under APSSDC Training Initiative.

**Total No of Students :** 60

**Workshop Co ordinator :** V PREETHI

**Trainers :** 1) Mr.P Hanuman Kumar  
2) Mr.N.Subbareddy  
3) Mr.Ch.Ramesh



- 1) Dr. Vivek Rajpoot, Filtering Antennas: A Technical Review, International Journal of RF and Microwave Computer-Aided Engineering, ISSN 1099-047X, <https://doi.org/10.1002/mmce.22797>
- 2) Dr T.S. Karthik, Certain classes of analytic functions connected with Q analogue of the Bessel function , Hindwai Journal of Mathematics, <https://www.hindawi.com/journals/jmath/2021/5587886>
- 3) Rama Vasantha Adiraju, A survey on lung CT datasets and research trends, Research on Biomedical Engineering, ISSN 2446-4740, <https://doi.org/10.1007/s42600-021-00138-3>
- 4) P. Anantha Sravanthi , Road extraction using aerial images for future navigation , Materials Today: Proceedings, ISSN 2214-7853, [doi.org/10.1016/j.matpr.2021.05.537](https://doi.org/10.1016/j.matpr.2021.05.537)
- 5) A. Arun Kumar Gudivada, Design of Baugh-Wooley Multiplier in Quantum-dot Cellular Automata using a novel 1-bit Full Adder with Power dissipation analysis. SN Applied Sciences, <https://link.springer.com/article/10.1007%2Fs42452-020-2595-5>
- 6) Dr. A B Siddique, Critical Investigation of Up-conversion and Dual Emission from Nitrogen Functionalized Graphene Quantum Dots, Elsevier: Journal of Luminescence, [doi.org/10.1016/j.jlumin.2022.118763](https://doi.org/10.1016/j.jlumin.2022.118763)
- 7) Dr. T. S. Karthik, Zero and Nonzero Mass Flux Effects of Bioconvective viscoelastic nanofluid over a 3-D Riga Surface with the swimming of gyrotactic , International Journal of Advances in Mathematical Physics, <https://doi.org/10.1155/2021/9914134>
- 8) Dr. T. S. Karthik, MHD Flow of Thermally Radiative Maxwell Fluid Past a Heated Stretching Sheet with Cattaneo-Christov Dual Diffusion, International Journal of Mathematics, <https://doi.org/10.1155/2021/5562667>



9) Dr. T. S. Karthik, A Comparative Study on Crack-Healing Ability of Al<sub>2</sub>O<sub>3</sub>/SiC Structural Ceramic Composites Synthesized by Microwave Sintering and Conventional Electrical Sintering, Advances in Materials Science and Engineering Journal under Processing and Applications of Advanced Functional Materials, <https://doi.org/10.1155/2021/3170697>

10) Dr. T. S. Karthik, Investigation on Dielectric Properties of Press Board Coated with Epoxy Resin, Quartz, and Rice Husk Ash, Advances in Materials Science and Engineering Journal under Processing and Applications of Advanced Functional Materials, <https://doi.org/10.1155/2021/983977042>

11) Dr. T. S. Karthik, Improved Learning Environment for Mathematics Course Through Blend Learning, Annals of the Romanian Society for Cell Biology Journal, Scopus, Volume-25, 1583-6258



**CONGRATULATIONS**



**D RADHA KRISHNA**  
**17P31A04J4**

**WILEY**  
**mthree**

**11 LPA**



**V RAGHU**  
**17P31A04N7**

 **JUSPAY**

**11 LPA**

# CONGRATULATIONS



**D KHYATI SRI**  
**17P31A0410**



**19 LPA**



**P DEVI BHAVANI**  
**17P31A0446**



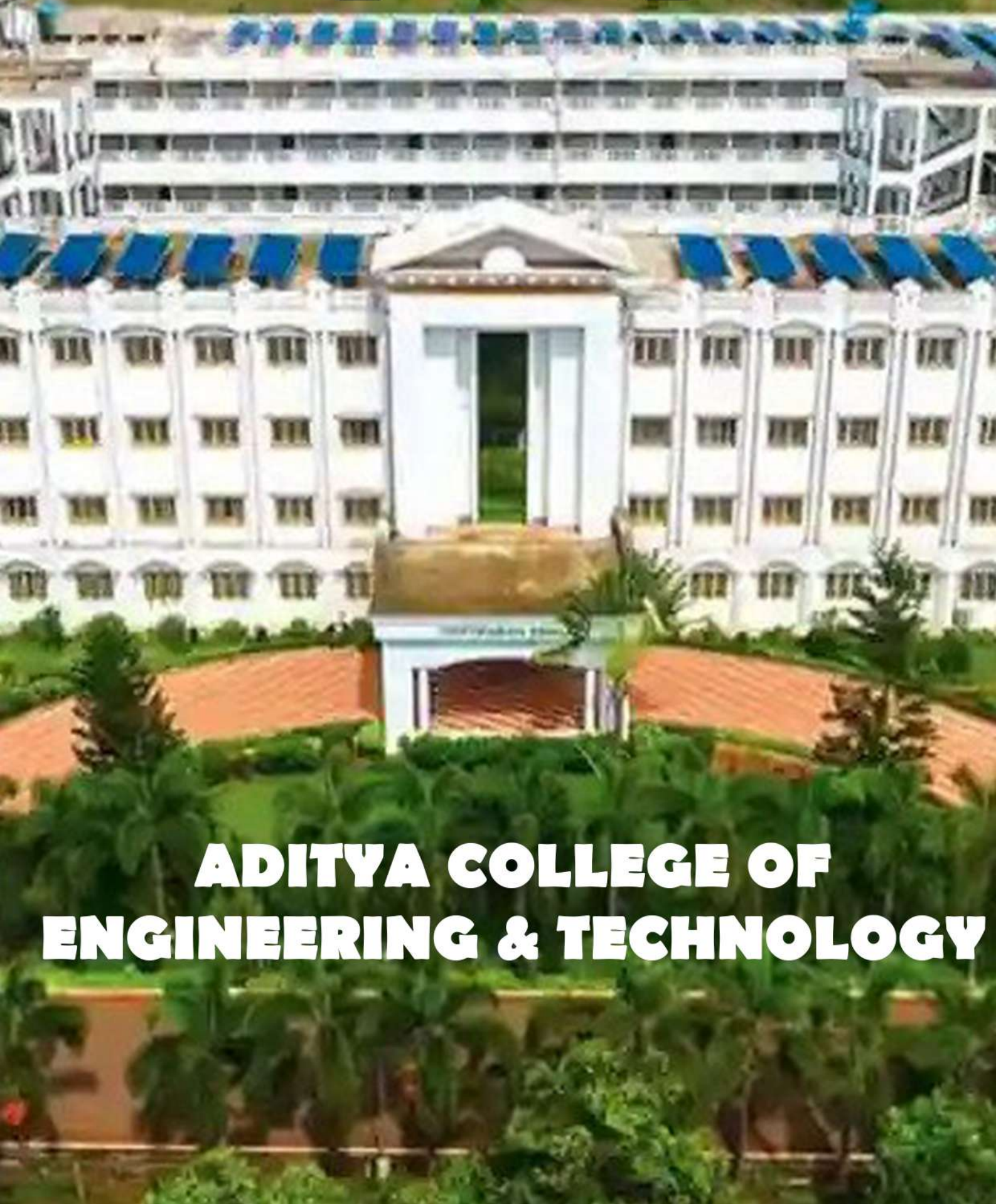




## **EDITORIAL BOARD**

- |                            |                   |
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| <b>5. T DEEPAK REDDY</b>   | <b>18P31A04B1</b> |
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# **ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY**