

ACADEMIC PLAN FOR NEXT TWO MONTHS (July-August 2022)

RISE KRISHNA SAI PRAKASAM GROUP OF INSTITUTIONS (AUTONOMOUS)
 (Approved by AICTE-NEW DELHI, Affiliated to JNTUK KAKINADA)
 (An ISO 9001:2015 certified Institute, NBA accredited for B.Tech. in ECE, EEE, CE, ME and CSE)
 Accredited by NAAC With "A" Grade, NH-16, Valluru, -523272, Ongole, Prakasam District, A.P.


Department of Electronics and Communication Engineering

A Three Day Workshop on
VLSI Devices, Circuit and System Design Tools
 Dates: 28-07-2022 to 30-07-2022
 Mr. Shaik Farooq, Project Developer, Silicon Techno Solutions



A Three-Day Workshop on VLSI Devices, Circuit and System Design Tools



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|  | <p>RISE KRISHNA SAI PRAKASAM GROUP OF INSTITUTIONS :: ONGOLE</p> <p>Department of Electronics and Communication Engineering</p> <p>July- 2022 NEWS LETTER VOL:01 ISSUE :01 SPOTLIGHT... keeping us connected</p> |
| <p>Editorial board</p> <p>Chief Editor:</p> <p>Dr. CH. Venugopal Reddy Professor &HOD</p> <p>Advisors:</p> <p>Mrs.K.Rajyam Assistant Professor</p> <p>Members :</p> <p>Kristipati.Keerthi III B.TECH ECE-I KUPPAKULA SWAPNA III B.TECH ECE-II SHAIK RAHUL IV B.TECH ECE-II Shaik Zaheer IV B.TECH ECE-II UMMADIPOLU SIREESHA IV B.TECH ECE-II</p> | <p>RISE KRISHNA SAI PRAKASAM GROUP OF INSTITUTIONS (An integrated campus) established in the year 2009 under the society RISE, which stands for Rural Institute of Social and Economic Empowerment, to offer unparalleled Engineering, Management and Computer Education. The most competent, dedicated and technical human resources in the campus sharpen students and their skills. They thereby, shall be sure to make the greatest possible strides both in their career and life.</p> <p>Department of ECE:</p> <p>The department of ECE was established in the year 2009 and meets the growing demands of Industry and Society. The department is enriched with highly qualified, experienced and committed faculty members. It has three Ph.D holders and many are pursuing Ph.D in various areas of ECE. The department has good infrastructure and is equipped with full-fledged laboratories. The department has an intake of 120 for UG.</p> <p>VISION</p> <p>To become a center of excellence in Electronics and Communication Engineering to meet the global technological and industrial requirements</p> <p>MISSION</p> <ul style="list-style-type: none"> ● M1: Provide modern technical knowledge, professional skills and attitude to meet industry and society needs ● M2: Promote innovations through professional training and development ● M3: Develop a team with professional ethics and social responsibility |

Co-curricular Activities:

- Workshops
- Guest Lectures

| S. No | Workshops/Guest Lectures/webinar | Dates of Event Organized | Resource Person Name | Designation | Organization |
|-------|---|--------------------------|---|-------------------|-------------------------------------|
| 1 | A Three-Day Workshop on VLSI Devices, Circuit and System Design Tools | 28-07-2022 to 30-07-2022 | Mr. Shaik Farooq Project Developer, Silicon Techno Solutions | Project Developer | Silicon Techno Solutions, Hyderabad |
| 2 | A Three-Day Workshop on IoT Using Raspberry pi and Node MCU | 25-08-2022 to 27-08-2022 | Mr. A D S Vara Prasad, Project Developer, Silicon Techno Solutions | Project Developer | Silicon Techno Solutions, Hyderabad |

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| 3 | A One Day Workshop on Efficient Hardware Implementation of Deep Neural Networks | 19-08-2022 | Mr.M.Chaitanya IIT Kharagpur Associate Professor | Associate Professor | IIT Kharagpur |
| 4 | A Three-Day Workshop on MATLAB Based 5G Wireless Technologies | 13-10-2022 to 15-10-2022 | Mr.M. Suresh, Application Engineer, Silicon Techno Solutions | Application Engineer, | Silicon Techno Solutions |



1. *Toner Transfer Method*

This is the step where the designed circuit will be pasted on the wafer and this will be passed through a temperature of about 160 to 180 degrees so that the track softens and the circuit will be remained on the wafer. The tracks will be a conductive type.



The practical applications of these skills are vast; for instance, they can be employed in research to analyze experimental data or to simulate mathematical models. This workshop has laid a solid foundation for participants to further explore MATLAB's extensive toolbox, enabling future endeavors such as algorithm development and advanced modeling. As participants continue to hone their skills, they will be well-equipped to tackle real-world challenges in a variety of professional contexts, fostering innovation and contributing to their respective fields

A Three-Day Workshop on IoT Using Raspberry pi and Node MCU

