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R. R. Institute of Technology

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Raja Reddy Layout, Chikkabanavara, Bengaluru – 560 090



Department of Electronics & Communication Engineering

VIDYUNMAANA

Volume – 5 Issue – 2

AUGUST 2021

Principal's Desk

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Dr Mahendra K.V.

I am very happy to know that the Department of Electronics & Communication Engineering is showcasing their activities and achievements through the department newsletter. I wish them all the best in their endeavor.

Editor in Chief

Dr Sunitha H.D.

Professor & HOD, Dept. of ECE

HoD's Desk



Dr.Sunitha H D

I am very pleased to unveil Vol 5, issue 2 of our department newsletter "Vidyunmaana" In this issue, we have presented the news related to diverse activities conducted by the department and contributions and achievements of our faculty members and students.

Managing Editors

Prof.Parimala Gandhi G
Associate Professor, Dept. of ECE
Prof Chitranjan Das V.
Assistant Professor, Dept. of ECE
Prof. Mohan Kumar B.N.
Assistant Professor, Dept. of ECE.
Prof. Divya T.M.
Assistant Professor, Dept. of ECE.
Prof Sugnyani Patil
Assistant Professor, Dept. of ECE
Prof. Ashok K.L.
Assistant Professor, Dept. of ECE
Prof. Shyamala Bhatt
Assistant Professor, Dept. of ECE.
Prof. Charutha M.V.
Assistant Professor, Dept. of ECE
Prof. Shadakshari
Assistant Professor, Dept. of ECE

Vision

To impart technical education par excellence and prepare leaders to grow beyond leaps and bounds to serve the growing industries and society.

Students coordinators:

1. Saikiran G(3rd sem)
2. Mohan M(5th sem)

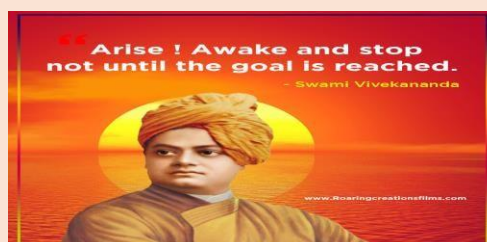
Editor

Mr.Premsagar H
Asst.Prof
Dept of ECE, RRIT

Mission

M1: To train the students to emerge as outstanding skilled technocrats imbued with professional ethics and managerial skills with commitment to society and nation at large.

M2: To create a Centre of Excellence in the field of Electronics with industrial and university collaborations.



PAPER PRESENTATION

Sno	Title of the paper	Name of the journal	Authors	Date/month	
1	Cold chain logistics services Using IOT	journal of Huazhong university of science & technology	Dr.Sunitha H D, Dinesh Naik	May 2021	Scopus and UGC
2	challenges of tracking area update in 5G	LINO	Divya T M	May 2021	UGC
3	A review on LNA in Biomedical applications	Journal of Huazhong university of science & technology	Sugnyani Patil, Dr.Sunitha H D, Shyamala p	June 2021	Scopus and UGC
4	Smart and Secured Assistance for Visually Impaired Person	JICR	Shadakshari	June 2021	Scopus, UGC group- II
5	Low frequency Sub-band image compression using JSS Algorithm	JICR	Gowtham G Sunanda C V Ramachandra C	July-2021	Scopus, UGC group
6	Monitoring and controlling of Unmanned aerial vehicle by Electrical actuators	JICR	Sunanda C V Ramachandra C Gowtham G	July-2021	Scopus, UGC group
7	Hybrid renewable power system Design using solar, piezo electric and Wind energy	JICR	Ramachandra C Gowtham G Sunanda C V	July-2021	Scopus, UGC group
8	Dual Tree Wavelet Transformation Using Wavelet Filters,	Shodhsamhita Journal of Fundamental & Comparative Research	Dr. Mangala Gowri S G, Dr. Sunitha H D	July 2021	UGC-print version
9	Smart and Secured Assistance for Visually Impaired Person	JICR	Charutha MV	June 2021	UGC
10	Dual Tree wavelet transformation using wavelet filter	Shodhsamhitha- Journal of fundamental & Comparative research	Dr.Mangala Gowri, Dr.Sunitha HD	July 2021	UGC- print version

EVENTS IN DEPARTMENT

	Name of the events		Faculty incharge	Resource person
1	Tips to crack Interview " by An Alumni	20/05/21	Anshu Deepak	Mr Shreyas Nadig S. Q.A. Engineer (Trainee) Encora Innovation lab
2	Network simulator	29-05-2021	T M Divya	Mr.Sanjay K Nagendra senior consultant Sony India Pvt Ltd
3	Introduction to Machine learning algorithms	04/06/2021	Sugnyani Patil	Dr.Ashwini K, Associate professor, Global academy of Technology
4	"Being Successful, a stress free way!"	08/06/2021	Shyamala P	Mrs.Sreekala Raghudeep Senior Art of living Teacher Bangalore,India
5	Mind Mapping- A tool for Thinking and Learning	9-06-2021	B N Mohan Kumar	Abhishek P M, Master Trainer Inkspiration Consultants
6	Evolution of Machine Learning and AI for Medical diagnosis	12-06-2021	Chitharanjan Das V	Prof. Thyagaraj T. Assistant professor, Dept. of ECE, BMSIT&M, Bangalore.
7	Scope of Industrial Automation	26/06/21	Charutha M V	Mr. Arun Savadi, CEO and Director, ERYX Automation Pvt.Ltd Bengaluru
8	Virtual Labs for Engineering Laboratories	29 to 30-06-2021	G Parimala Gandhi Mohan Kumar B N	Dr. Krishnashree Achuthan, Dean of Post Graduate Programs at Amrita Vishwa Vidyapeetham and Mr. Saneesh P F Project Manager and the Technical Lead of Physical Sciences Virtual labs,
9	Neuromorphic Computing Based on Mem Resistor	03-07-2021	Shadakshari	Dr. Shashidhara H R, Associate Professor, The National Institute of Engineering, Mysore.
10	Career Options and Opportunities for Electronics Graduates	07-07-2021	B N Mohan Kumar	Mr. Ranjith C V ,Electrical Architect / Product Designer Philips India LTD, Pune
11	Developing Employability skills using siemens centre of excellence	9-7-2021	GTTC	Mr.Aman G GTTC
12	Introduction to Android application development	10/07/21	Anshu Deepak	Mr Madhu J. Senior Software Engineer, Capgemini India

TOPPERS LIST

SEMESTER	I	II	III	DEPARTMENT TOPPER
VII	 Adarsh M.P. 1RI17ECO01 81.75%	 GreeshmaV 1RI17ECO11 79.75%	 YashaswiniG 1RI16ECO31 79.13%	 Aishwarya.S 1RI17EC002 82%
V	 TejaswiniP 1RI18ECO16 81.23%	 MohanM. 1RI18ECO08 74.9%	 Shiv kumar 1RI18ECO15 72.3%	
III	 Mannuru penchala narasimha 1RI19ECO08 77%	 Sai kiran g 1RI19ec014 74%	 Deepanjan Nath 1RI19ECO03 69%	



ECE DEPARTMENT

Gallery



“Being Successful, a stress free way!”

Introduction to Machine learning algorithms

Network simulator



Introduction to Android application development

Tips to crack Interview “ by An Alumni

Virtual Labs for Engineering Laboratories



Project exhibition Meraki