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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

#### Inside the issue

- Vision
- Mission
- Paper presentation
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*Dr Mahendra K.V.*

#### Editor in Chief

Dr Sunitha H.D.

Professor & HOD, Dept. of ECE

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 endeavour.

### HoD's Desk

#### 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

#### Students coordinators

1. Saikiran G(3<sup>rd</sup> sem)
2. Mohan M(5<sup>th</sup> sem)

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



*Dr. Sunitha H. D.*

### Vision

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

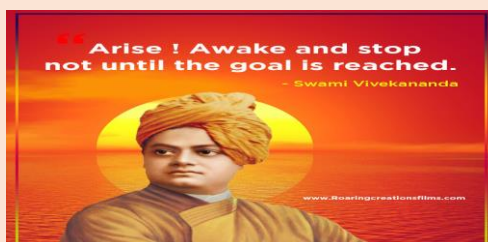
### Mission

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

#### Editor



*Prof. Anshu Deepak.*



# PAPER PRESENTATION

<i>Sno</i>	<i>Title of the paper</i>	<i>Name of the journal</i>	<i>Authors</i>	<i>Date/month</i>	
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

	<b>Name of the events</b>		<b>Faculty incharge</b>	<b>Resource person</b>
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

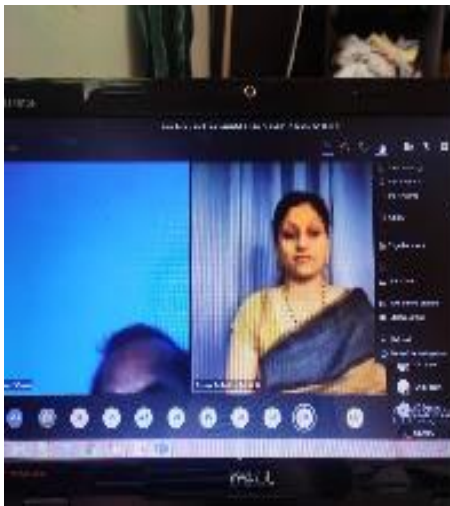
## TOPPERS LIST

SEMESTER	I	II	III	DEPARTMENT TOPPER
VII	 Adarsh M.P. 1RI17ECO01 81.75%	 GreeshmaV 1RI17EC011 79.75%	 YashaswiniG 1RI16EC031 79.13%	 Aishwarya.S 1RI17EC002 82%
V	 TejaswiniP 1RI18EC016 81.23%	 MohanM. 1RI18EC008 74.9%	 Shiv kumar 1RI18EC015 72.3%	
III	 Mannuru penchala narasimha 1RI19EC008 77%	 Sai kiran g 1RI19ec014 74%	 Deepanjan Nath 1RI19EC003 69%	



**ECE DEPARTMENT**

## Gallery



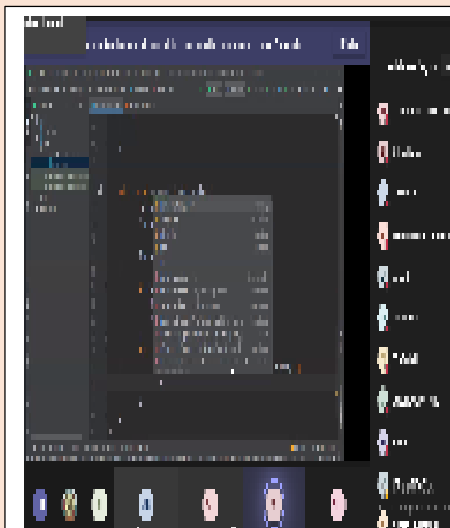
"Being Successful, a stress free way!"



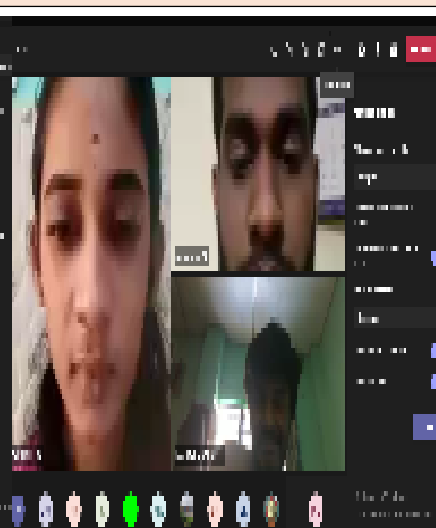
Introduction to Machine learning algorithms



Network simulator



Introduction to Android application development



Tips to crack Interview " by An Alumni



Virtual Labs for Engineering Laboratories



Project exhibition Meraki