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## Department of Electronics and Communication

### BRIEF REPORT ON THE ACTIVITIES OF THE DEPARTMENT FOR THE MONTH OF: JULY

#### A. AWARD, RECOGNITION OR ACHIEVEMENT BY THE FACULTY OR THE STUDENT.

- Dr. M G Veena. The Department of E&C has been awarded the International Research Association (IRA), England, UK in honor of Indian Women Achiever Award 2021 in Chennai, India.
- Dr. Ramya M V, department of ECE, SJCE, JSSSTU Selected for Indian Women Achiever Award 2021 International Research Association, England and Confirmation No.: 2021/27/01

#### B. PUBLICATION BY THE FACULTY.

##### Publication in International/National Journals

- Nagaveni K S, Dr. S Gayathri, "ECU EXTRACT ANALYZER AND MERGER TOOL", International Journal of Innovative Research in Advanced Engineering AM publications, ISSN: 2349-2163, Issue 07, Volume 8, July 2021, pp 167-174.
- Dr. Ramya M V, An approach to convert conventional laboratories into an IoT enabled Laboratories, International Journal of Web-Based Learning and Teaching Technologies, Vol.16, Issue No.5, Article 6, 2021. (DOI: 10.4018/IJWLTT.20210901.0a6 and Scopus Indexed).
- Shashidhar R, Sahana V, Chakraborty S, Puneeth SB, Roopa M. (2021) Recognition of Tablet using Blister Strip for Visually Impaired using SIFT Algorithm. Indian Journal of Science and Technology. 14(23): 1953-1960. <https://doi.org/10.17485/IJST/v14i23.750> (Web of Science)
- Shashidhar R and Sudarshan patil Kulkarni: Visual speech recognition for small scale dataset using VGG16 convolution neural network. Multimed Tools Appl (2021). <https://doi.org/10.1007/s11042-021-11119-0> ;(Impact Factor-2.757 & SCI Index- Q1 Journal)



- Constituent College of JSS Science and Technology University
- Approved by A.I.C.T.E
- Governed by the Grant-in-Aid Rules of Government of Karnataka
- Identified as lead institution for World Bank Assistance under TEQIP Scheme



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### **Publication in National/International Conferences**

- Shashidhar R “Block chain based Agricultural supply chain: A Review” International conference on computing system and its applications (ICCSA-2021) organized by Department of Computer Science and Engineering, Acharya Institute of Technology, Bengaluru, India in association with technical institute of Engineers (T.I.E), Bengaluru on 16th July 2021.
- Parvathy Bhaskar, M. G. Veena, B.S. Madhukar, “Synthesis and Experimental Investigation of Zinc Oxide and Praseodymium Oxide Fused Metal Oxide Nanostructures”, 2021 IEEE 21 st International Virtual Conference on Nanotechnology (NANO 2021), Canada, July 28-30, 2021.
- Guruprasad, M.G. Veena, Detection of volatile compounds in MEMS fabricated cantilever sensor, IEEE International Conference on Electronics, Computing and Communication Technologies (IEEE CONECCT 2021), IEEE Bangalore Section, India, July 9 - 11 th , 2021.

### **C. COMPLETION OF ONLINE COURSE BY THE FACULTY.**

- Prof Shashidhar R Attended and Completed AICTE Training and Learning (ATAL) academy online elementary FDP on Deep learning for visual Computing from 12-07-2021 to 16-07- 2021, Organized by Sri Krishna College of Engineering and Technology.
- Yashwanth S D, Assistant Professor of SJCE participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "ELECTRIC VEHICLE TECHNOLOGY: CHALLENGES AND BUSINESS OPPORTUNITY" from 2021-6-21 to 2021-6-25 at NATIONAL SMALL INDUSTRIES CORPORATION. CONSULTANCY