



SRI SHRIDEVI CHARITABLE TRUST (R.)
**SHRIDEVI INSTITUTE OF
ENGINEERING AND TECHNOLOGY**



NAME: Dr. Charan K V
Designation: Associate Professor
Department: Information Science and Technology

Date of Joining	01-01-2021		
Professional Experience	Teaching	Industry	Research
	9	0	3

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Academic Background
<ul style="list-style-type: none">Phd from VTU university. Completed Year : 2019 Feb
<ul style="list-style-type: none">MTech completed at Siddaganaga Institute of Technology, Tumkur. Completed Year : 2014
<ul style="list-style-type: none">BE completed in information science and engg at SSIT, Tumkur

AreasofInterest	
<ul style="list-style-type: none">Artificial Intelligence	<ul style="list-style-type: none">IoT
<ul style="list-style-type: none">HPC	<ul style="list-style-type: none">Cyber Security

Significant Publications
<ul style="list-style-type: none">No. of Papers Published in Journals : 6Suhas G.K., Charan K.V, Bhagappa, "State Wise Covid-19 Case Forecasting Based on Machine Learning by Using SEIR and Time Series Models", International Journal of Broadband Cellular Communication, Volume 9, Issue 1, 2023 DOI (Journal): 10.37628/IJBCCSuhas G. K, Charan K.V, Deepak N. R, Bhagappa, "An Approach to Smart Waste Segregation using IOT", Research and Applications: Embedded System Volume 5 Issue 2 DOI: https://doi.org/10.5281/zenodo.6965901Charan K.V and Suhas G. K, "Implementation of Task Scheduling Algorithms of Multiprocessor and Mixed Critical Systems", Research and Applications: Embedded System Volume 5 Issue 3 e-ISSN: 2582-2993

DOI: <https://doi.org/10.5281/zenodo.7326272>

- Kumaresh Sheelavant, R. Sumathi, **Charan K V**, “Optimal Routing and Scheduling for Cognitive Radio Sensor Networks using Ensemble Multi Probabilistic Optimization and Truncated Energy Flow Classification Model”, International Journal of Engineering Trends and Technology Volume 69 Issue 9, 168-178, September, 2021 ISSN: 2231 – 5381 /doi:10.14445/22315381/IJETT-V69I9P221
- **Charan K.V**, A.S Manjunath (2017) Scheduling concurrent garbage collection using adaptive scheduling technique for multi-core systems ,Inderscience publications, International journal of systems control and communications (IJSCC)SCI, Volume 8, Number 4 <http://www.inderscience.com/info/ingeneral/forthcoming.php?>), 2017.
- Sreedhar Kumar Seetharaman, Madheshwaran Muthuswamy, **Charan K V**, Vinutha B.A, Manjunath Singh, A brief Survey of Unsupervised agglomerative hierarchical clustering scheme ,International Journal of Engineering and Technology (SCOPUS), 29-37, Volume 8, No 1 (Jan 2019) (DOI:10.14419/ijet.v8i1.13971).
- **No. of Papers Presented in Conferences : 3**
- **Charan K V** and Pramodh T C (2022) Optical Character Recognition System of Telugu Language Characters Using Convolutional Neural Networks at Seventh “International Conference on Emerging Research in Computing, Information, Communication and Applications” held during 24- 26, February 2022, at NMIT, Bangalore, India.
- **Charan K.V**, A.S Manjunath (2016) The reservation technique in hierarchical scheduling algorithm for real-time mixed criticality tasks, IC 3 I - 2016 2 nd IEEE international conference on contemporary computing and informatics, Amity university New Delhi.
- **Charan K.V**, A.S Manjunath (2014) Customizing AOSP for different embedded devices, INDIACom - 2014 8 th International Conference on Computing for Sustainable Global Development pp.259 - 264.
- **Book Chapters :1**

Charan K V, Optical character Recognition System of Telugu language characters using Convolution neural networks. Emerging Research in computing, information, communication and applications ERCICA 2022. *Year of publication* : 2022 ISBN: 978-981-19-5481-8.

- **List of FDP's/Workshops**
 - 2019-Dec One Day National Level Seminar on AICTE Quality Initiatives and Sensitization of Technical Teachers Training held on 16th Dec 2019 at Cambridge Institute of Technology, Bangaluru
 - 2019-Oct 3 Days Workshop on Sales Force Platform Development at Sai Ram Engineering College.
 - 2019-May FDP on Outcome Based Education - NBA organized by Sir M Visvesvaraya Institute of Technology, Bangaluru.
 - 2014-Aug FDP on Advanced Training Program in Industrial Automation Using PLC and SCADA in M.S Ramaiah institute of technology, Bangaluru.
 - 2013-Jan JUDCON international conference at Nimhans convention centre , Bangalore.
 - 2013-Apr One week Android workshop at SIT Tumkur
 - 2012-Feb One day workshop on ASP .Net With AJAX organized by SIET.
 - 2011-July 15 days AICTE sponsored staff development program on Optical Networks and Relevant areas in computer science and technology.
 - 2011-Feb Two days workshop on Mobile Computing and Security organized by SIET.
 - 2011-Mar One day faculty development program(FDP) on The Journey to Private Cloud with EMC conducted by SJCIT.
 - 2010-Dec 7 days short term course on Data Storage and Storage area networks conducted by EMC2
 - 2010-Nov Two days faculty development workshop on Service Oriented Architecture organized by Board for IT Education Standards(BITS).

- 2008-09 Infosys Campus Connect Program at S.S.I.T Tumkur.
- 2009-Mar Techelon-9 organized by CSI-SSIT Student Branch.

- **Patents Published : 1**

A Machine Learning Based Approach for Early Prediction of Neurodegenerative disorder, Published Date:08/04.2022, Application number: 202241017039 A.

- Successfully guided 1 PG student and currently guiding 2 PhD students.

Achievements

- Nominated as Research advisory committee member at SIT , Tumkur.
- Life time membership in GreenThinkerZ Association.