FACULTY ACHIEVEMENTS

RESEARCH AND DEVELOPMENT

1. **PUBLICATIONS**

FACULTY	PUBLICATION
Keerthi Prasad G	• "Handwriting recognition system for South Indian languages – A Technical review", In Proc. CSITTS-17, RVCE, Bangalore, India, Dec.21-23. • "Advanced application for commuter service", In Proc. NCRTCC-16, at Jain Institute of Technology, Davanagere, India. • "On-line Kannada Handwritten Character Recognition using PCA", In Proc. NCCAC-12, at Sambhram Institute of Technology, Bangalore, India. • Keerthi Prasad G and Asha K have published a patent on title "Self Power generating intelligent electrical vehicle" with patent number 202041051428 on 2020-12-04.
Asha K	• "Segmentation of Characters from Handwritten Kannada Document", International Journal of Sensors, Wireless Communications and Control (Bentham Science), Volume 11, Year 2021, Pages 355-361. • "Recognition of On-line Handwritten Isolated Kannada Character Recognition using PCA and DTW" published in International Journal of Recent Technology and Engineering (IJRTE),ISSN: 2277-3878,Volume 8,Issue 4,Nov 2019, Page No.:11107-11111. • "Handwriting Recognition using Deep Learning based Convolutional Neural Network", International Journal of Recent Technology and Engineering (IJRTE)', ISSN: 2277-3878 (Online), Volume-8 Issue-4, and November 2019. Page No.: 4826-4828. • Asha K &Keerthi Prasad G written Book Chapter "User Defined Datatypes in Python Programming Languages" for the Book Title Recent trends in Engineering and technology.
Kavya N C	• "IoT based Underground Cable Fault Detection System", IJRASET, Volume 8, Issue VIII, August 2020.

2. DEVELOPMENT

FACULTY	DEVELOPMENT
Keerthi Prasad G	• GMIT-ERP • "Kalash"-Online grocery shopping app, ChocoMart Supermarket, Davanagere. • Feedback System of Sir MV PU College • Payroll System of GM Sugar and Energy Pvt. Ltd, Sangur, Haveri dist. • Election data analysis System, Feedback System of Sir MV PU College • Socio-Economic data entry system for Kakkaragolla Grama Panchayath

HONORS AND AWARDS

FACULTY	HONORS AND AWARDS
Keerthi Prasad G	• Won the "Best Paper" award for the paper "Deep Learning based Convolutional Neural Network for Handwriting Recognition", at National conference NCETERM 2018, GM Institute of Technology, Davanagere, India • Won the "Best Paper" award for the paper "Advanced application for commuter service", at National conference on "Recent Trends in Communication and Computing" 2016, Jain Institute of Technology, Davanagere, India. • Invited as a Judge for National Level CODING(C&C++) Competition, on 18th & 19th of April 2013, at Tontadarya College of Engineering, Gadag, Karnataka state, INDIA. • Invited to serve on the Technical Committee of ICACCI-2014 (International Conference on Advances in Computing, Communications & Informatics) as a reviewer. • Invited to serve as a reviewer for the journal "IEEE Transactions on Systems, Man and Cybernetics".
Asha K	• Resource Person for AICTE Sponsored FDP – 2021,Dept. of E & C, GMIT • Elite in Joy of Computing using Python – 2021,NPTEL
Kavya N C	• Resource Person for AICTE Sponsored FDP – 2021,Dept. of E & C, GMIT