

Brief Profile

Name	:	DESH DEEPAK GAUTAM		
Date of Birth	:	09/06/1989		
Educational Qualification	:	<ul style="list-style-type: none"> • <i>Ph.D.</i> : PERSUING (THESIS SUBMITTED) • <i>M.Tech</i> : 2011-13 MMMEC, GORAKHPUR • <i>B.Tech</i> : 2006-10 PSIT, KANPUR 		
Work Experience	:	<ul style="list-style-type: none"> • <i>Teaching</i> : 4 YEARS (RESEARCH CUM TEACHING FELLOW) (2014-18) • <i>Research / Industry</i> : 2014-PRESENT 		
E-mail ID	:	dd.kanha@gmail.com		
Contact No.	:	9412811320		
Area of Interest	:	Signal Processing, Machine Learning		
Teaching	:	<ul style="list-style-type: none"> • <i>Subjects Taught at UG Level</i> : EMMI, Power Electronics. Electrical Machines • <i>Subjects Taught at PG Level</i> : Nil 		
Research Guidance	:	<ul style="list-style-type: none"> • <i>B.Tech</i> : Nil • <i>M.Tech</i> : Nil • <i>Ph.D.</i> : Nil 		
Research Publications	:	<ul style="list-style-type: none"> • <i>Journals</i> : 05 • <i>Conferences</i> : 04 • <i>Book Chapters</i> : Nil 		
Patent/IPR (Books Published etc.)	:	Nil		
No. of National/International Conferences attended/ Paper Presented	:	04		
No. of Conferences Organized	:	Nil		
STC/FDP/Seminars/Workshops Organized	:	01		
STC/FDP/Summer/Winter Schools/Workshops /Seminars attended	:	05		
Certification Courses (NPTEL etc.)	:	Nil		
Memberships of the Professional Societies	:	Nil		
Awards/Honors	:	Nil		
Funded Project	:	Nil		
Name of Project		Funding Agency	Duration	Total Value
Any other relevant Information	:	NA		

LIST OF PUBLICATIONS

Journal:

- [1] *Desh Deepak Gautam, V.K. Giri and K.G. Upadhyay*, “Detection of Ventricular Arrhythmias using HRV Analysis and Quadratic Features”, *Recent Advances in Electrical & Electronic Engineering*, Vol 13, Issue 3, 2020 (E-SCI, SCI-Mago)
- [2] *Desh Deepak Gautam, V.K. Giri and K.G. Upadhyay* “HRV Analysis and Ventricular Arrhythmia Classification using various Classifiers” *International Journal of Recent Technology and Engineering*, Vol 8, Issue 4, November 2019. Page No.: 6095-6100. (SCI-Mago, SCOPUS)
- [3] *Desh Deepak Gautam, V.K. Giri and K.G. Upadhyay* “Performance of ANN Classifier Using HRV Analysis for ECG Database” *Journal of Engineering and Applied Sciences*, ISSN: 1816-949X, Vol 13, Issue 14, pp. 5897-5903, 2018 (SCI-Mago)
- [4] *Desh Deepak Gautam, V.K. Giri and K.G. Upadhyay* “HRV Analysis for Diagnosis: A Review” *International Journal of Applied Engineering Research*, ISSN: 0973-4562, Vol 13, Issue 8, pp. 5968-5977, 2018

Books / Book Chapters:

- [1]
- [2]
- [3]

Conferences:

- [1] *Desh Deepak Gautam and V.K. Giri*, “Analysis of HRV Signal for Disease Diagnosis”, *11th International Conference on Industrial and Information Systems, IIT, Roorkee*, 3 Dec. 2016
- [2] *Desh Deepak Gautam, V.K. Giri and K.G. Upadhyay*, “Feature Extraction of HRV Signal using Wavelet Transform”, *2nd International Conferences for Convergence of Technology (I2CT), Pune, India*, 7-9 April 2017
- [3] *Desh Deepak Gautam and V.K. Giri*, “Review of Various Techniques for Feature Extraction of HRV Signal” National Conference on Electrical Power Technology Management and IT Applications, 2016
- [4] *Desh Deepak Gautam, V.K. Giri and K.G. Upadhyay*, “Ventricular Arrhythmia Classification by HRV Analysis using Linear and Non-linear SVM Classifier”, *International Conference on Computing Applications in Electrical and Electronics Engineering – 2019 (ICCAEEE-2019)*, Springer