Brief Profile

Name	:	**DESH DEEPAK GAUTAM**
Date of Birth	:	**09/06/1989**
Educational Qualification		
•*Ph.D.*	:	**PERSUING (THESIS SUBMITTED)**
•*M.Tech*	:	**2011-13 MMMEC, GORAKHPUR**
•*B.Tech*	:	**2006-10 PSIT, KANPUR**
Work Experience		
• *Teaching*	:	**4 YEARS (RESEARCH CUM TEACHING FELLOW) (2014-18)**
• *Research / Industry*	:	**2014-PRESENT**
E-mail ID	:	**dd.kanha@gmail.com**
Contact No.	:	**9412811320**
Area of Interest	:	**Signal Processing, Machine Learning**
Teaching		
• *Subjects Taught at UG Level*	:	**EMMI, Power Electronics. Electrical Machines**
• *Subjects Taught at PG Level*	:	**Nil**
Research Guidance		
•*B.Tech*	:	**Nil**
•*M.Tech*	:	**Nil**
• *Ph.D.*	:	**Nil**
Research Publications		
• *Journals*	:	**05**
• *Conferences*	:	**04**
• *Book Chapters*	:	**Nil**
Patent/IPR	:	**Nil**
(Books Published etc.)		
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 VentricularArrhythmias 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 usingvarious Classifiers" *International Journal of Recent Technology and Engineering*, Vol8, Issue4,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, Issue8,pp. 5968-5977, 2018
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Books / Book Chapters:

[1]
[2]
[3] .

Conferences:

[1]*Desh Deepak Gautam and V.K. Giri*, "Analysis ofHRV Signal for DiseaseDiagnosis", *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 WaveletTransform", *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
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