CURRICULUM VITAE

Dr. Bhumika Gupta (Associate Professor)
Computer Science & Engineering Department,
G.B.Pant Institute of Engineering &Technology,
Pauri-Garhwal
M.Tech.(Gold Medalist)
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Mob No: 08126019360, 09412138804

Field of Research : Underwater acoustic sensor network, Optimization Techniques, Machine Learning, Data Science

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CAREER OBJECTIVE: A position in academic industry where in I can utilize my skills and abilities to make it more prolific, more innovative and to become a decision making body.

Consultancy Project :-

S.No	Project Title	Funding Agency	Amount
1	Artificial Intelligence and Machine Learning using Python	AICTE Training and Learning (ATAL) Academy	One Lakhs

Patent Granted

1. **Title:** A SYSTEM AND METHOD FOR DETECTING NEUROMUSCULAR DISORDERS USING EMG SIGNALS BASED ON TQWT FEATURE. **Patent number:** 2021100279 **by Australian Government, Patent Registration Date:16/01/2021. Patent Awarded:31/03/2021.**

2. **Title:** "ECG SIGNAL CLASSIFICATION SYSTEM AND METHOD BASED ON FPA AND COMPACT MULTIPLE CLASS SVM". **Patent number: 2021/07072 - South African patent, Patent Awarded:24/11/2021.**

SFRF

Awarded SUMMER FACULTY RESEARCH FELLOW PROGRAMME-2020 (SFRF) at I.I.T. Delhi under Dr. Deepak Joshi, Assistant Professor Centre for Biomedical Engineering, I.I.T. Delhi.

BOOK

Title: FUNDAMENTAL OF MACHINE LEARNING & ITS APPLICATIONS
Publication: SARABOOK PUBLICATION, **ISBN :** 978 - 93 - 91478 - 54 - 4

Awards Received:

- **M.Tech. (2010)** From **Guru Govind Singh Indraprastha University, Delhi** with **82.13(CPI). Awarded Gold Medal** for standing first in the order of merit in **M.Tech(IT) program.**

- **Awarded the Honorary Fellowship by INDIAN ACADEMY OF ENVIRONMENTAL SCIENCES, HARDWARE (2012).**

- **Awarded "Teacher of Year 2020" by Divya Himgari in association with U.T.U. Dehradun, UCOST Uttrakhand, Commission of Scientific & Technical Terminology MHRD Govt. of India.**

Academic Achievements:

- **Awarded Ph.D. (Computer Science and Engineering) in 2015 from I.F.T.M. , University, Moradabad . The title of thesis is "ITERATED FUNCTION SYSTEMS (IFS) IN CHAOS AND FRACTALS".**

- M.Tech Thesis entitled as **"Performance Evaluation of MANET Routing Protocols: AODV & DSR with Different Traffic Generators".**

Teaching Experience : 16 Years

Academic Excellence:

- Awarded **Gold Medal for standing first in the order of merit in M.Tech.(IT) programme.**

- Life member - The Indian Science Congress Association.

- Life member- The Indian Society for Technical Education.

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Guided M.Tech. Thesis & B.Tech. Project:-

S.No.	Projects & Thesis	Number
1	B.Tech. PROJECTS Guided	35 (approx.)
2	M.Tech. Thesis Guided	24

List of Paper Published :

S.No.	Paper Presented/Published	Number
1	International Conference (IEEE, SPRINGER etc.)	20
2	National Conference & National Seminar	12
5	SCI Index Journals, SCOPUS Index Journals & International Journal (Refereed Journals)	50
7	Chapters published in Books	07

- Invited Lectures and Chairmanships at National or international Conference/ Seminars: 04
- She has been the coordinator of 03 Faculty development program.
- She has delivery many expert lectures in conferences and webinars.
- She has been the organizer of International Conference of "Smart Machine Intelligence and real time computing (SMART COM 2020)", G.B.P.I.E.T., 26th to 27th , June 2020.