Deepak Kumar

Objective
To Seeking a post of Assistant Professor to utilize my abilities, knowledge and my key skills for the progress and development of the students.

Profile
I am currently working as an Assistant Professor in CoT, G. B. Pant University of Agriculture and Technology, Pantnagar Uttarakhand under TEQIP-III (NPIU-MHRD) project from 28 Sep 2018 till date.

M.Tech Dissertation

Enhanced Hierarchical Particle Swarm Optimization Using Time Varying Acceleration Coefficient

In this research, I enhanced Hierarchical particle swarm optimization with Time Varying Acceleration coefficient. In this I proposed new concept of calculating the distance among the particles, which helps in determining the closeness towards Gbest or Pbest.

Paper Published
Privacy-Preserving Data Aggregation in Wireless Sensor, "IEEE conference on System Modeling and Advancement in Research Trends, 2018", Author: Surbhi Madan, Deepak Kumar , Anamika Agnihotri.

Modified HPSO Using TVAC and Analysis Using CEC Benchmark Functions, "IEEE conference on System Modeling and Advancement in Research Trends, 2019", Author: Deepak Kumar, Surbhi Madan, Avneeshwar Singh.

Paper Presented: Modified HPSO Using TVAC and Analysis Using CEC Benchmark Functions, "IEEE conference on System Modeling and Advancement in Research Trends, 2019", Author: Deepak Kumar, Surbhi Madan, Avneeshwar Singh.

Teaching Assistantship
One year teaching Assistantship under Mr. Rajesh Tripathi, Associate Professor Motilal Nehru National Institute of Technology Allahabad.

Education

Degree	University/Board	Year	Percentage
M.Tech (Software Engineering)	MNNIT Allahabad	2016	82.5
B.Tech (CSE)	Accurate Institute of Management and Technology under UPTU Lucknow	2012	67.8
Intermediate	U. P. Board, Allahabad	2007	69.2
High School	U. P. Board, Allahabad	2005	61

Skill Set

Programming Languages	C , C++, Python
Operating Systems	MS Windows, LINUX
Extra Skills	Anaconda , Jupyter Notebook

Soft Skills

- Good Communication skill.

- Punctuality, Hard working.

Areas of Interest
- Data Science and Machine Learning
- Formal Language and Automata Theory
- Computer Concepts and Programming in C
- Digital Electronics.
- Discrete Mathematics
- Operating Systems

Projects/Internship done in B. Tech

Developed College website using PHP and MySQL
In this project, I had developed a college website using HTML and PHP. My objective was to develop a website which can be used in any college or school.

Academic Achievements
- UGC-NET qualified in Dec 2015, November 2017, July 2018 with more than 97.5 percentile.
- Qualified Gate in 2013 with Gate Score: 520
- Qualified Gate in 2014 with Gate Score: 618
- Qualified Gate in 2015 with Gate Score: 623

Extra-Curricular Activities
- Mess Committee member in PG Boys Hostel (MNNIT Allahabad).
- Participation in many activities like: Debates during my schooling.

Training Conducted

- Conducted 45 days short term course on "Android: Apps Development" skill oriented value added program from 26th June to 10th August 2017 at TMU Moradabad.
- Conducted 45 days short term course on "Android: Mobile Apps Development" skill oriented program from 18th June to 4th August 2018 at TMU Moradabad.

Workshop Conducted

- Served as Resource Person in workshop on Advanced Programming Concepts Using C and Python on September 21st and 23rd, 2019 organized by FOECS, TMU Moradabad.

Workshops/FDPs Attended

- Attended Five days FDP on "NS2 and Data Security" at Teerthanker Mahaveer University, Moradabad under the banner of JNU.
- Attended one week faculty development program on "Machine Learning and Its Applications" organized by Electronics and ICT Academy, IIT Roorkee from 27 Oct – 31 Oct, 2018.
- Attended short term course under TEQIP-III on Advanced Pedagogies: Active Learning and Digital Tools held from 24th June to 28th June 2019 at IIT Delhi.
- Attended short course on Data Science and Analytics during February 17-27, 2020 at Indian Institute of Technology, Gandhinagar.
- Completed two weeks course on Digital Transformation in Teaching Learning Process from April 6th to April 22nd, 2020.
- Attended one week Faculty Development program on Machine Learning and Data Analytics Using Python conducted by IIT Roorkee from 23 April – 01 May, 2020.

Professional Membership
- Professional member of ACM (Association for computing Machinery)
- Associate member of IEI (The Institution of Engineers (India))

Personal Details
Father's Name   : Ajab Singh

Date of Birth	: 09th Aug 1991
Permanent Address	: Vill Bhawalpur Wasli, Post: Sarakara Kamal Dist: Sambhal U.P. – 244222
Email	: deepakchaudhary008@gmail.com
Phone No.	: 9411611295

Declaration

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

(Deepak Kumar)