

Deepa Verma

B.Tech(IT),M.Tech(CSE)

Vill-Harpur Post-Paras Katui

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Professional Experience:

- **Employer** - Worked as Assistant Professor (Contractual) in REC Ambedkar Nagar, from June 2014 to June 2018.
- **Employer**- Working as Contractual faculty in IET Lucknow, from August 2019 to till date.

Administrative Experience:

- Worked as **Head of Department** in Information Technology at REC Ambedkar Nagar.
- Worked as **Dean, Student Welfare** at REC Ambedkar Nagar.
- Worked as **Project and R&D In-Charge** at REC Ambedkar Nagar.
- Worked as **Student Counsellor, Sport Co-convener, Member Secretary (Proctorial Board), Member (Discipline Committee, Internal Complaint Committee, harassment Committee, Grievance Redressal Committee, Anti-Ragging Committee)** at REC Ambedkar Nagar.
- Worked as Student Counsellor at IET, Lucknow

Academic Information:

- Ph.D. (Pursuing) in **Computer Science & Engineering** from Dr. A.P.J. Abdul Kalam Technical University Lucknow.
- M.Tech in **Computer Science & Engineering** (2011 - 2014) from Malhotra Technical Research Institute, Bhopal with 75.40% aggregate.
- B. Tech in **Information Technology** (2007-2011) from Hindustan Institute of Technology & Management, Agra with 69.30% aggregate.
- Intermediate (2004-06) from K.I.C. Inter College, Tanda, Ambedkar Nagar (U.P. Board) with 68.86% aggregate.
- High School (2002-04) from R.A.J. Inter College, Bariyavan, Ambedkar Nagar (U.P. Board) with 67.00% aggregate.

Area of Interest:

Data Mining & Data Warehousing, Design & Analysis of Algorithm, Discrete Structure & Graph Theory, Computer Network, Digital Image Processing, Pattern Recognition.

FDP/STC/Workshop/PDP Attended

- **“Faculty Development Program”** at **KNIT, Sultanpur** during July 25-29, 2016 sponsored by **TEQIP-II**.
- **“Faculty Development Program”** at **NITTTR, Chandigarh** during May 22 -26, 2017 Association with Oracle Academy.
- **“Short Term Course”** at **REC, Ambedkar Nagar** during August 21-25, 2017 Association with **NITTTR Chandigarh**.
- **Workshop** on **“Programming in C & Data Structure”** at **IIT, Kanpur** during June 19-25, 2017 Association with **PMMMNT Learning Center IIT Kanpur**.
- **Professional Development Programme** at **IIM, Indore** during December 11-15, 2017 sponsored by **TEQIP-III**.
- **Faculty Development Program** on **“Digital Image Processing”** at **IET, Lucknow** during July 25-29, 2018 sponsored by **TEQIP-III**.
- **Workshop** on **“Evolving Drifts in Computer Science”** at **REC, Ambedkar Nagar** during August 9-13, 2018 sponsored by **TEQIP-III**.
- **Faculty Development Program** on **“Internet of Things (IOT)”** at **Institute of Engineering and Technology Devi Ahilya University Indore**, during October 13-17, 2020 sponsored by **ATAL Academy**.
- **Workshop** on **“Machine Learning and its Applications using Python”** at **Rajkiya Engineering College, Azamgarh**, during September 14-18, 2020 sponsored by **NPIU &TEQIP-III, SPIU**.
- **Faculty Development Program** on **“Medical Image Processing and Deep Learning Technologies”** at **Panimalar Institute of Technology**, during September 21-25, 2020 sponsored by **ATAL Academy**.
- **Faculty Development Program** on **“Computational Foundation for Data Science”** at **Banaras Hindu University Varanasi**, during July 26-30, 2021 sponsored by **ATAL Academy**.

Workshop/FDP Organized:

- Workshop on **“Application of MATLAB in Electrical Engineering”** at **REC Ambedkar Nagar** on **21-23 November 2015**.
- Workshop on **“Recent Trends in Electro-Mechanical System”** at **REC Ambedkar Nagar** on **1st February 2016**.
- Workshop on **“Cloud Computing”** at **REC Ambedkar Nagar** during **8 -14 November, 2016** sponsored by **Cetpa InfoTech Pvt Ltd**.
- Workshop on **“Android Technology”** at **REC Ambedkar Nagar** during **3 -7 October, 2016**.
- Faculty Development Program on **“Internet of Things (IOT)”** at **IET, Lucknow** on **29 October 21- 2 November 21** Sponsored by **ATAL Academy**.

Achievement:

- Got U.P Bharat Scout and Guide Rajya Puraskar.

Research & Publication:

- Neelam Singh Parihar, Deepa Verma, Parekh Ankita research paper on “**Obscure Surveillance and Server Monitoring**” has been published in “**International journal of Computer Architecture and Mobility (IJCAM)**” ISSN:2319-9229 Vol.1, Issue 6, April 2013, pp 1-3.
- Deepa Verma, Prof. Dhirendra Kumar Jha research paper on “**An Enhancement of K-Means Clustering for Progressive Data-Set**” has been published in “**International Society of Thesis Publication-Journal of Research in Electrical and Electronics Engineering (ISTP-JREEE)**” ISSN:2321-2667 Vol.3, Issue 3, May 2014, pp 62-65.
- Deepa Verma, research paper on "A Novel of Data Warehousing Queries in Split Execution Environment (SEE) for Efficient Operation" has been published in “**International Journal of Computer Science & Wireless Security (IJCSWS), Vol. 03(04), ISSN:1122-4573 July-Aug 2016, pp.219-224.**
- Deepa Verma, Supriya Mishra, research paper on "An Efficient Approach for Outlier Analysis over Big Data” has been published in "International Journal of Engineering Technology Science and Research (IJETSR), ISSN:2394-3386, Vol. 03(11), November 2016, pp.32-36.
- Hanuman Verma, Deepa Verma, Pawan Kumar Tiwari research paper on “A Population-Based Hybrid FCM-PSO Algorithm for Clustering Analysis and Segmentation of Brain Image” has been published in “Expert System with Applications” ISSN: 0957-4174 Vol. 167, March 21, pp.114-121.

National/International Conferences:

- Deepa Verma, Supriya Mishra, “An Efficient Approach for Outlier Analysis over Big Data” in the proceeding of 7th International Conference on Innovative Research in Engineering Science and Management (ICIRESM-16), organized by The Institutions of Electronic and Telecommunication Engineers, on 13th November 2016.
- Deepa Verma, Rakesh Kumar, Akhilesh Kumar, “Survey Paper on Outlier Detection Using Fuzzy Logic Based Method” in the proceeding of 2nd International Conference on Futuristic Trends in Computational Analysis and knowledge Management (ABLAZE-2017), on 23 & 24 March 2017 sponsored by IEEE.
- Akhilesh Kumar, Rakesh Kumar, Deepa Verma, Ashish Kumar Srivastava, “A Delay-Constrained in Multicast Routing Using JIA Algorithm” in the proceeding of 2nd International Conference on Futuristic Trends in Computational Analysis and Knowledge Management (ABLAZE-2017), on 23 & 24 March 2017 sponsored by IEEE.
- Anshu Kirar, Arun Kumar Yadav, Deepa Verma, “An efficient architecture and algorithm to prevent data leakage in cloud computing using multi-tier security

and machine authentication” in the Proceeding of 4th International Conference on Computing for Sustainable Global Development (INDIACom-2017), Organized by Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), on 01st - 03rd March 2017; IEEE Conference ID: 40353.

- Anvita Dixit, Arun Kumar Yadav, Deepa Verma, “**An efficient architecture for Load Balancing in Cloud computing using clustering approach**” in the Proceeding of 4th International Conference on Computing for Sustainable Global Development (INDIACom-2017), Organized by Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), on 01st - 03rd March 2017; IEEE Conference ID: 40353.
- Mohit Kumar, Arun Kumar Yadav, Pallavi Khatri, Deepa Verma, “**Dynamic Virtual Machine Provisioning in Cloud Computing-A Review**” in the Proceeding of 4th International Conference on Computing for Sustainable Global Development (INDIACom-2017), Organized by Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), on 01st - 03rd March 2017; IEEE Conference ID: 40353.
- Deepa Verma, “**Application of E-commerce Website using Web Mining Algorithm based on Web Usage Mining**” in the Proceeding of National Conference on **Emerging Trends in Computational Science** organized by MANIET Bhopal, March 2013.
- Deepa Verma, Neelam Singh Parihar, Parekh Ankita Arvin Bhai, “**Association Rules Hiding Algorithm for Privacy Preserving Data Mining**” in the Proceeding of National Conference on **Recent Trends in Data Mining & Warehousing** organized by MGI Bhopal, April 2013.
- Deepa Verma, Mahima Shanker Pandey, “**Computerized Assisted Segmentation of Brain Tumor using Deep Convolutional Network**” in the international Conference 2nd Doctoral Symposium on computational intelligence, Organized by Institute of Engineering and Technology, Lucknow, on 06th March 2021; Conference ID:189

Personal Information:

Name : Deepa Verma.
Father's Name : Babu Ram Verma.
Date of Birth : 20-03-1990
Nationality : Indian
Gender : Female
Marital Status : Married
Permanent Address : Gram-Harpur Post-Paras Katui Dist-Ambedkar Nagar-224155

Date : 10-09-2021
Place : U.P.

Deepa Verma