Curriculum Vitae

Name: Neha Dewangan
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Summary

- Pursuing Ph.D. from SoS in Electronics & Photonics, Pt. Ravishankar Shukla University, Raipur, Batch 2021-22
- Five-year Teaching experience in Electronics subject (specialization- Digital Electronics, Microprocessor & Embedded Systems)
- UGC NET qualified from Electronics Science(December 2018)
- Completed Master's Degree in Science with Electronic branch at Pt. Ravishankar Shukla University, Raipur, C.G in 2015.
- Completed Bachelor's Degree in Science with Electronic branch at Pt. Ravishankar Shukla University, Raipur, C.G in 2013.

Education

- **Ph.D.** (Batch 2021-22) pursuing in Electronics subject from SoS in Electronics & Photonics, Pt. Ravishankar Shukla University, Raipur
- **M.Sc**(Electronics) from Pt. Ravishankar Shukla University, Raipur, C.G passed in 2015 with 78.67%.
- **B.Sc**(Electronics) from Pt. Ravishankar Shukla University, Raipur, C.G passed in 2013 with 65.33%.
- **12th** from CBSE Board passed in 2010 with 74.4**%**.
- **10th** from CBSE Board passed in 2008 with 72.6%.

Experience: Date from July 2018 to June 2022

UNIVERSITY: Pt. Ravishankar Shukla University, Raipur, C.G
JOB PROFILE: Guest Lecturer
Responsibilities:
- Teaching Electronics subject to M.Sc. students.
- Lab coordinator of Microprocessor & Microcontroller Lab, Computer Lab where students conduct experiments.
- Delivering lecture, organizing seminars and workshops for students.

Experience: Date from July 2015 to May2016

UNIVERSITY: Pt. Ravishankar Shukla University, Raipur, C.G
JOB PROFILE: Guest Lecturer
Responsibilities:
- Teaching Electronics subject to M.Sc. students.
- Lab coordinator of Analog and Digital Lab, Microprocessor & Microcontroller Lab, Computer Lab where students conduct experiments.
- Delivering lecture, organizing seminars and workshops for students.

Oral/Poster Paper Presentations in Conference/Symposium

- **Time-Frequency Image-based Speech Emotion Recognition using Artificial Neural Network**.
  Neha Dewangan, Kavita Thakur, Sunandan Mandal, Bikesh Kumar Singh, Paper presented (Oral presentation) in 50th National Symposium on Acoustics (NSA-2023) Organized by Veer Surendra Sai University of Technology, Burla Odisha, India & Acoustical Society of India (ASI), held during 24th - 26th February 2023
- **Spectral Features Based Speech Emotion Recognition Using Artificial Neural Network.**
  Neha Dewangan, Sunandan Mandal, Kavita Thakur, Bikesh Kumar Singh, Paper presented (Oral presentation) in 27th annual International Conference on Advanced Computing and Communications (ADCOM 2022) Organized by Advanced Computing and Communication Society (ACCS) in association

with the International Institute of Information Technology Bangalore (IIITB), held during 9th -11th March 2023.

- **Subject-Dependent and Subject-Independent Analysis for Emotion Recognition using Electroencephalogram (EEG) Signals.**
  Neha Dewangan, Kavita Thakur, Bikesh Kumar Singh, Ayushi Soni, Paper presented (Poster presentation) in 2nd National Conference on Signal Processing, Sustainable Energy Materials And Astronomy & Astrophysics (NSSEMA-2023) Organized by SoS in Physics & Astrophysics and SoS in Electronics & Photonics, Pt. Ravishankar Shukla University, Raipur, in association with Luminescence Society of India, held during 16th -18th Match 2023.

Workshop/Seminar Attended

- One Week High -End Workshop on "Advanced Hands-On Training on Biomedical Signal Acquisition and Analysis", Organized by Department of Biomedical Engineering, National Institute of Technology, Raipur and sponsored by SERB held during 1st-7th August 2023
- GIAN Course on "Non-Destructive Evaluation Inverse Problems and Signal Processing in Non-Destructive Evaluation", Organized by Visvesvaraya National Institute of Technology, Nagpur held during 23rd – 27th November 2022.
- One Week Online Workshop on "Advance Statistical Data Analysis using SPSS", Organized by Uttar Pradesh University of Medical Sciences & Science Tech Institute, Lucknow held during 21st -27th January 2023.
- One Week STTP on "Medical Signal & Image Processing-IV", Organized by Department of Electrical Engineering, National Institute of Technology, Raipur held during 11th-17th October 2018
- International Seminar on Recent Advances in Sensors for Human Healthcare
- Workshop on ROBOTIC Organized by IIT Bhuvneshwar

Papers published in International/National Journals and Conference proceedings

- Spectral Features Based Speech Emotion Recognition Using Artificial Neural Network
  Neha Dewangan, Sunandan Mandal, Kavita Thakur, Bikesh Kumar Singh
  Communicated in IET Conference Proceedings, Online ISSN: 2732-4494
- Subject-Dependent and Subject-Independent Analysis for Emotion Recognition using Electroencephalogram(EEG) Signals
  Neha Dewangan, Kavita Thakur, Bikesh Kumar Singh, Ayushi Soni, Sunandan Mandal
  Communicated in IOP Journal of Physics: Conference Series, Online ISSN: 1742- 6596
- Long Short Term Memory Network based Emotion Recognition using Speech Signals
  Sunandan Mandal, Neha Dewangan, Kavita Thakur, Bikesh Kumar Singh, Shalinee Verma
  Communicated in IOP Journal of Physics: Conference Series, Online ISSN: 1742-6596
- Time-Frequency Image-based Speech Emotion Recognition using Artificial Neural Network
  Neha Dewangan, Kavita Thakur, Sunandan Mandal, Bikesh Kumar Singh
  Communicated in Journal of Ravishankar University, Part B (Science), ISSN: 0970- 5910.

Technical Skills

Programming Language	: Python, MATLAB, C, C++, Core Java, Assembly Language
Web Technologies	: HTML, JavaScript
Software Testing	: Automation and Manual Testing

Declaration

I hereby declare that all the information written above is true to the best of my knowledge.

Place : Bhilai

Neha Dewangan