

PREETI KUMARI

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CARRIER OBJECTIVE

Seeking an academic position as a researcher, including teaching courses and supervising students with my knowledge, experience and skills in their academic assignment and research work which will contribute to students and institution's growth and further enhance my skills.

EDUCATION QUALIFICATION

Degree	Decipline	University/college/Board	Year of passing	Percentage/CGPA
M.Tech	Digital Communication	ABV-IIITM Gwalior	June-2014	7.82
B.Tech	Electronics and Communication Engineering	Ranchi University, Ranchi	Nov, 2009	77.6

TECHNICAL SKILLS

Sequential languages: MATLAB 7.5, LaTeX, VHDL, C, Assembly language (8085/85), Multisim.

Operating System: Linux v6, Windows 7/8/XP.

ACHIEVEMENTS

1. GATE 2015, 2014 and 2011 qualified in electronics and communication.

PROJECTS

1. Title: Accent variation compensation for automatic Hindi speech recognition system. (M. Tech major Project)
Specification: Based on the minor project accent variation compensation methods were proposed so as to increase the efficiency of the speech recognition system.
2. Title: Automatic Speech Recognition of Accented Hindi data. (M. Tech minor Project)
Specification: A Hindi speech recognition system was developed and was seen that for different accent of Hindi language the efficiency of the system decreases.
3. Title: Dynamic Simulink model to estimate various parameters of a multichannel EDFA. (B. Tech major project)
Specification: A Simulink model using encoders and multiplexers were created and various features of EDFA fiber was extracted.
4. Title: Digital Alarm Clock. (B. Tech IVth sem project)
Specification: A digital alarm clock was prepared using counters and registers to count the seconds and a seven segment display was used for display purpose. The project was in VLSI and used Verilog HDL language.

5. Title: Optical fiber based voice and data transfer. (B. Tech pre-final year project)
Specification: Voice and data transfer between two points were done using optical fibers.

WORK EXPERIENCE (3 years)

1. Two years teaching experience at GCEW, Gurgaon as a lecturer.
2. One year teaching experience at Lovely professional University (LPU), Phagwara, Jalandhar as an Assistant Professor.

CONFERENCE PUBLICATION

1. Presented and published a paper “Automatic Speech Recognition of Accented Hindi Data ” in IEEE sponsored third international conference on Computation of power, energy, information and communication (ICCPEIC’14) on April 16th and 17th, 2014 in Melmaruvathur, Chennai, pp 825-833
2. Communicated a paper “Accent variation Compensation in Hindi Data for Automatic Speech Recognition System” at IEEE International conference on trends in Automation, Communication and computing Technologies(ITACT-15)

TECHNICAL PROFICIENCY

1. Signal and Systems.
2. Analog and Digital Communication.
3. Control systems.
4. Digital Electronics.
5. Electronics De vices and circuits.

CERTIFICATION/VOCATIONAL TRAINING

1. Summer practical training at TATA STEEL LTD., West Bokaro Division.
Guide: Mr. Bhowmic, Sr. manager (training), West Bokaro Division, TATA STEEL.
2. Vocational training at BSNL, Bihar Circle.
Guide: Mr. Manish Kumar, DGM (Broadband), Bihar Circle, Patna.

WORKSHOPS/SEMINARS

1. Attended a workshop on LaTeX: A Document preparation System on 9th December 2010 at GITM, Bilaspur, Gurgaon.
2. Participated in The Hamfest India 2013, 23rd Annual HAM event held from 21st to 22nd September, 2013 at ABV-IITM Gwalior.

PERSONAL SKILLS

1. Good Communication Skills and passionate towards work and self motivated.
2. Easily adaptable, creative thinking, quick learner and multitasking.
3. Motivator and team leader.

HOBBIES

1. Gardening, Painting, Reading novels and cooking.

PERSONAL DETAILS

Date of Birth: 9th January 1985.
Father's Name: Chandra Deo Prasad.
Permanent Address: Plot no.- 3, Shivaji nagar colony, Saichak, Po- Beur, Anishabad, Patna-800002.
Gender: Female.
Marital Status: Married.
Nationality: Indian.
Language Proficiency: English and Hindi.

REFERENCES

Mr. A K Shadev: Head of School (Polytechnic)
Lovely Professional University
Phagwara, Jalandhar, Punjab-144411.
Mr. Nikesh Bajaj: Head of Department (DSP Domain)
Lovely Professional university
Phagwara, Jalandhar, Punjab-144411.

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.

Place: Hazaribagh

Signature:

Date:

(PREETI KUMARI)