

**PRADEEP BEDI**

C/O Mr. Kamal Suyal  
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 ACM membership (No. 3788785)

Dehradun - Jhansi

etc - ₹ 98462/- p.m.

**Objective:**

To pursue a career with an organization having a global vision that encourages creativity and offers an opportunity to learn and develop both in professional and personal life, wish to use and enhance my technical knowledge and ability to work in groups.

**Teaching Experience: Total- 14 years**

- **November 2015-Till Date** as Assistant Professor at Himalayan School of Engg. & Technology, Swami Rama Himalayan University, Dehradun.
- **September 2014- October 2015**, as Assistant Professor at JRE Group of Institutions, Gr. Noida
- August 2011- August 2014, as Assistant Professor at Galgotias University, Gr. Noida.
- **Six Month** experience as a **guest faculty** in IAA, Arusha, Tanzania, East-Africa.
- **July 2009 – July 2011**, as Assistant Professor at IMS Engineering College, Ghaziabad.
- **July 2005 – July 2009**, as Lecturer at Mahatma Gandhi Mission's College of Engineering and Technology, Noida.

**Technology:**

Below is a list of important hardware, software products, tools and methods that I have worked with.

O.S.	Software Products	Tools	Database
WindowXP, Linux	C,Java,PHP C++,JSP,PI/SQI	MS Office, Tomcat Web server	Oracle,MS-Access

**Academic Qualification:**

Name of Examination	Name of Institute/College	Name of University/Board	Year	Percentage
Ph.D.(CSE)	University Campus	IIT(ISM), Dhanbad	Pursuing	NA
M.Tech. (CSE)	USIT,University Campus	GGSIIP University, Delhi	2009	77.45%
B.Tech.(CSE)	Krishna Institute of Engineering and Technology, Ghaziabad	U.P.Technical University, Lucknow	2005	70%
Senior Secondary	P.I.C., Sahaswan	U.P.Board, Allahabad	1999	71.60%
Secondary	P.I.C., Sahaswan	U.P.Board, Allahabad	1997	70.66%

**CURRENTLY ACQUIRING SKILLS:** Python, Apache Spark

## Achievements:

- **GATE-2006** qualified with percentile 94 in CS.
- **GATE-2011** qualified with percentile 92 in CS.
- **UGC-NET 2012** qualified.
- 3 months **Software Testing** course from Ducat Pvt. Ltd.
- **High Impact Teaching Skill Certification** from Wipro.
- **PHP Certification** from IBM.

## Project/Thesis Topics:

Project Title	Travelling Agency Management
Description	front end - VB back end - oracle 8i.
Project Title	Cineplex Automation
Description	Front end-VB.Net Back End-Oracle8i
Project Title	Air ways Reservation
Description	Front end- html, java ,servlet,tomcat Database-oracle-8i
Thesis	Handoff Management In Wireless Network
Description	Network Simulator version2

## Subjects Taught at UG and PG level:

Big Data Analytics, Cloud Computing, Automata, Compiler Design, Computer Network, Data Structure, Discrete Structure, Graph Theory, Distributed Computing, Mobile Computing, Cryptography and Network Security, Data Warehouse and Data Mining

## Awards and Honors:

- Received 1st prize at Blue Sphere Technology Solutions Pvt. Ltd., India in recognition of IBM Mainframe Technology Seminar [2010].
- Received Academic Excellence Award at IMS Engineering College, India in recognition of the academic achievement for teaching Graph Theory [2011].
- Received scholarship to pursue post-graduate studies at GGSIP University, India by Ministry of Human Resource Development, Government of INDIA [2007 -2009].
- Received 2nd prize at SRMS College of Engineering & Technology, Bareilly, India in recognition of National Seminar on Advances in Computer Science & Technology [2007].

## No. of M.Tech. Dissertation Guided:

- Guided twelve M. Tech. Dissertation.
- Guided several B.Tech. and MCA Projects.

## Publications:

- "Dynamic Mobility Management Algorithm with Node Parameters to Optimize the Resource Utilization", Pradeep Bedi and S.J.Wagh, Recent Research Trends in Advance Computing(RTAC), 17-April,2009, Vol. 1, No. 29, pp. 195-200, 2009.
- "Protocols for Congestion Avoidance and Control in Adhoc Sensor Network", Pradeep Bedi and S.J.Wagh, In Proc. of The 2009 IEEE Emerging Vistas of technology in 21st Century(NCEVT), 11-12 September,2009, Vol. 1, No.7, pp. 40-43, 2009.
- "Secondary Structure Prediction Using ANN Learning", Pradeep Bedi and Deepak Kumar Tyagi, In Proc. of The 2010 CSI International Conference on Reliability, Infocom Technology and Optimization(ICRITO-2010).
- "A Neural Network for Predicting the Secondary Structure of Proteins from Amino Acid Sequences", Pradeep Bedi, In Proc. of the 2011 IEEE International Conference on Computational Intelligence and Communication Networks (CICN-2011).
- Rohit Chaudhary, Pradeep Bedi, Manoj Kumar, Mahtab Alam "A Review at Design Phase Perspective to Threat Modeling For Object Oriented Software:" in VSRD International Journal of Computer Science & Information Technology, Vol. 3 (6), June 2013.
- Rohit Dhindhwal, Pradeep Bedi, Manoj Kumar "A VERNAL APPROACH FOR EFFECTIVE DYNAMIC CLOUD SERVICE SELECTION", accepted in International Journal of Engineering Research and Technology, 2013.
- Shivani Gautam, Nawagata Nilambari , Pradeep Bedi "A survey on Automated Duplicate Detection in a Bug Repository", accepted in International Journal of Engineering Research and Technology, 2014.
- Pradeep Bedi, Dr. S.B. Goyal "TRIPLE DES-WSA: An efficient security algorithm providing Integrity with aid of mapreduce process" communicated to International Journal of Spatio-Temporal Data Science (IJSTDS), Inderscience Publishers, Oct 2018.

## National Conferences/ Seminars/ Workshops:

- Attended Faculty Development Program on "IT Infrastructure Management" jointly organized by IBM and Deptt. of Computer Applications, Galgotias College of Engg. & Tech., Greater Noida, India [March 16-18,2007].
- Attended National Seminar on Advances in Computer Science & Technology at SRMS College of Engineering & Technology, Bareilly, India in 2007.
- Attended a seminar on IBM Mainframe Technology at Blue Sphere Technology Solutions Pvt. Ltd., India in 2010.
- International Conference on Contemporary Computing (IC3-2011), held at Jaypee Institute of Information Technology, Noida, India, from 9 August to 11 August, 2011.
- Participated in International Conference on "Issues and changelings in Networking, Intelligence and Computing Technologies (ICNICT-2011) organized by KIET, Ghaziabad Sep. 2-3, 2011.
- Workshop on Mission 10X Organized by Galgotias University and Wipro In 2012.
- Workshop on PHP using IDE, held at School of computing Science & Engineering, Galgotias University, Greater Noida, India in August 2012.
- Workshop on The Proven Strategies for Effective Teaching Organized by Galgotias University from 29th August 2013 to 31st August 2013.
- Participated in International Conference on "Issues and challenges in Networking, Intelligence and Computing Technologies (ICNICT-2011) organized by KIET, Ghaziabad, 2014.
- Participated in Seminar on Enhancing the Technical Education in Haryana organized by AICTE & DT at Mount View Hotel, Chandigarh.
- Participated in FDP on Data Warehousing & Data mining at Galgotias Engineering College Gr. Noida U.P. in association with IBM Software.

- Participated in national conference on computing for Nation, organized by BVICAM, New Delhi, India in January, 2016.
- Workshop on Big Data Computing & Analytics, held at Institute of Management Studies, Ghaziabad, Dehradun, India in April, 2016.

### **Responsibilities Held:**

- Department Coordinator at Swami Rama Himalayan University.
- Examination Coordinator and Assistant Center Superintendent.
- Curriculum In charge for UG and PG classes at university level.
- Quality Circle meeting and follow up action.
- Performance Analysis after Mid/End Semester Exam and Suggestion for Improvement.
- Course Feedback from Students/Faculties and Analysis along with suggestions for Improvement.
- Student Exit Survey and its Analysis along with suggestions for Improvement.
- Assuring uploading of learning resource in advance and Course File requirement Compliance.
- Outcome/ Objective Assessment/ Evaluation and Suggestions for Improvement.
- Program Accreditation.
- Course Coordinator for different courses.
- Any other duty assigned by the Dean.
- Member of Antiragging committee.
- UGC Visit
- Placement assistance

### **FUTURE PLANS FOR NEXT FIVE YEARS:**

#### **A. RESEARCH PLANS**

- Publish at least one research papers in Springer/ IEEE Journal.
- Publish books/book chapter with PHI/TMH
- Organize National/International Conference on edge cutting technologies under IEEE/ ACM/ Springer

#### **B. CONSULTANCY**

- To deal AICTE NBA Application and Inspection Process
- To deal NAAC Application and Inspection Process
- To deal ABET Application and Inspection Process
- Collaboration

Industry: To develop software  
Academic Institution/University: Joint Research

#### **C. ACADEMIC PLANS**

- Develop courses in the area of cloud computing and big data analytics
- Launch Incubation Centre for students:
  - Freedom to students build product
  - Analyze student proposals
  - Provide necessary financial, Travel and infrastructure support on priority
  - Participate in world level competitions like MicroSoft, Dell, Intel, IEEE etc.

**Membership of Professional bodies:** ACM membership (No. 3788785)

### **Declaration:**

I hereby declare that all the information here provided is true to the best of my knowledge.

**(PRADEEP BED)**