

CURRICULUM VITAE

Dr. MANISH PANDEY

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Date of Birth: 19-April-1976

Educational Qualification

Degree	Institute	CGPA/%	Year	Specialization
Under-graduate	Barkatullah University (LNCT Bhopal)	70.2 %	2000	Computer Science & Eng.
Post Graduate	MANIT Bhopal	9.92 CGPA	2009	Computer Science & Eng.
PhD	MANIT Bhopal	NA	2015	Computer Science & Eng.

Area of Interest

- Algorithms
- Parallel Processing
- High Performance Computing
- Operating System

Work Experience

Designation	Organization	From	To	Nature of work
Associate Professor	MANIT Bhopal	Dec 2023	Till date	Teaching/Research
Assistant Professor	MANIT Bhopal	15-07-2010	Dec 2023	Teaching/Research
Assistant Professor	MANIT Bhopal	15-07-2005	15-07-2010	Teaching/Research

Teaching

Undergraduate Courses	Post Graduate courses
Data Structure and Algorithms	Graph Theory and Algorithms
Analysis and Design of Algorithms	Operating System Design
Theory of Computation	Parallel Algorithms
Operating Systems	

New Lab/ Setup a new Network research Lab/Modernization of existing Lab (in last 5 years):

1. HPC Cluster at CCF MANIT Bhopal
2. Data Center facility at MANIT Bhopal
3. AI Computing Lab

Research

Papers Published:

Papers	National (Total/ in last 5 years)	International (Total/in last 5 years)
Journals	NIL	13
Conference/Book Chapters	NIL	18

Guidance:

	Completed	Completed in last 5 years	On going
Masters' levels	38	15	7
Ph.D.	1	1	5

R&D Projects:

Submitted a Research Project Proposal entitled "A Software Defined Real Time Monitoring System for Detecting Insect Infestation in Stored Food Grain".

Consultancy Projects:

Completed:

Bhopal Medical Hospital and Research Center (BMHRC)	4.93 Lacs
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Major Outreach Program (last five years)

1. Committee Member for reviewing Tender Document / Specifications for Annual Maintenance Contract of Computer Hardware/Software AMC and Managed Operations for BMHRC, Bhopal
2. Expert Lecture at SIRT, Bhopal on "Concept of Operating System and recent trends".
3. Expert Lecture LNCT, Bhopal on "GPU Computing"
4. Committee member for syllabus design at RGPV
5. Member WORKBOOK design at PSS Central Institute for Vocational Education.

Significant Contribution to Administration at Dept/Institute level (last 10 years)

1. Member AIEEE Counseling 2006
2. Coordinator TEQIP MCA 2006
3. Coordinator Techno search 2015
4. Physical stock verification 2006
5. Central Library stock verification
6. Member Anti Ragging Committee during three semesters
7. Institute Coordinator Online feedback of students.
8. AICTE Nominee for governing body
9. DUPC Coordinator during four semesters
10. B.Tech Project coordinator for 10 semesters.
11. DPPC Member for two semesters

Vision for next Five year

- To conduct and strengthen computer science research that could have benefited or have positive impact on society and to submit research project proposals in this regard.
- Interdisciplinary research in some practical application area of computer Science

Required Institute Support to Achieve above Vision

1. Research project proposals generally require some preliminary work to be done in relevant area. For carrying out such work adequate research facilities/resources is to be provided by institute in transparent and simple procedure. Progress can later on be monitored by authorities if and when required
2. Uniform policies grant and allocation of research facilities.
3. Adequate number of research scholar at Ph.D. level be allotted, especially to younger faculties, so as to assist in research work.
4. Free access to online reputed resources

Any Suggestion to Improve NIRF Ranking, Placement, Infrastructure, and Administration

1. Core component of any educational institute is TEACHING. Every faculty member, irrespective of the cadre, should take 6 to 8 theory classes. Proper monitoring to fix accountability.
2. More research responsibilities to youngers.
3. Imparting training to faculties at premier institutes for getting them trained for recent Research trends and other research related activities