

Dr. Priti Dimri

Head

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EDUCATION

- PhD (Computer Graphics), Uttarakhand Technical University, Dehradun, 2013
- MBA (Finance) Sikkim Manipal University, 2010.
- MCA, Gurukul Kangri University, 1995.

RESEARCH INTERESTS: Green Computing, Fractals, ITSM, Software Engineering

EMPLOYMENT HISTORY

- Associate Professor, Department of Computer Science and Applications, G.B.Pant Engineering College, Ghurdauri , Pauri (2010- till Date),
- Senior Assistant Professor, Department of Computer Science and Engineering, University of Petroleum and Energy Studies, Dehradun, (July 09 –Jan 10)
- Service Support Manager, Steria India Ltd., Noida (Sep 05 –July 09)
- MIS Specialist, Project Management Unit (Swajal), World Bank Project, Govt of Uttarakhand (Dehradun), May 02-Sep 05
- System Analyst, Forest Research Institute, I.C.F.R.E, Dehradun, Feb 01-April 02
- Sr. Lecturer, C.M.C, Ltd. (a Govt. of India Undertaking) , Dehradun, Mar 99-Jan 01
- Systems Executive, DSS Mobile Communications Limited , New Delhi, Jan 98 Feb 99
- Systems Executive, Garhwal Mandal Vikas Nigam, Dehradun , Jun 95- Feb 96

SUPERVISION: PhD thesis: 4 in progress; M.Tech dissertations: 5 completed

PROFESSIONAL AND ADMINISTRATIVE ACTIVITIES

- Head of the Department, Department of Computer Science and Applications
- OIC Training and Placement, G.B. Pant Engineering College, Ghurdauri, Pauri.
- OIC Student Activities, G.B. Pant Engineering College, Ghurdauri, Pauri.
- Warden VH, AGH, Raman and Bhagirithi, G.B. Pant Engineering College, Ghurdauri, Pauri.
- Faculty Advisor, ISTE Chapter, G.B. Pant Engineering College, Ghurdauri, Pauri.
- Chairman of BOS , Department of Computer Science and Applications, G.B. Pant Engineering College, Ghurdauri, Pauri.
- Designed course plan for the subject IT for Managers for MBA (International business and Aviation)
- Designed course plan for the subject Business computing for BBA (Oil and Gas),
- Designed course plan for the subject System Analysis and Design for MBA(ISM)

- Designed a course curriculum for B Tech(CSE & IT) and LLM(Cyber Laws
- Helped CMC in establishing well-equipped Dos,Unix ,DBMS and internet lab .
- Assisted Swajal in tendering, procuring and installation of large number of Pentium systems and softwares like Oracle 8i, WINDOW-2000 Server, and AutoCAD for PMU and its all 8 District Offices(DPMU).
- Organized workshop, Seminar & Exhibitions on Reproductive & child Health to adolescents
- Organized Workshop , Seminar, Debates ,Exhibitions & Cultural Programme on Road Safety
- Conducted Survey on watershed Management at Pindar Valley Agastmuni & keeping dairy , horticulture agriculture as main component
- Conducted survey on Aromatic & Herbal plants & various altitude of Garhwal Himalayas
- Conducted Executive Development Programme & provided training on Computer applications , banking , saving , taxation, Sales & Marketing
- Conducted workshops On sustainability Evaluation Exercise, Hardwar,
- Conducted Career fair at Dehradun.
- Conducted Workshop and Exhibitions on cultural Heritage of India.
- Conducted Seminar on “ Applications of ITS for safety in Transportation System”
- Conducted Seminar on “Effective enforcement to Traffic Regulations”
- Conducted Seminar on “ Accident Prevention and Control
- Conducted Seminar on “Safe Moves teaches kids the rules of the road”
- Conducted Seminar on “Sustainable Transport Systems”
- Conducted Seminar on “Effect of one way streets and area traffic control systems”
- Conducted Workshop on “ Role of Electronic Media in spreading media awareness”
- Conducted several trainings/workshops for the staff of Swajal on the topics of MIS, Network, Internet, email, Anti Virus and RDBMS
- Conducted workshop on Service Management for the staff of AMC Project of Steria India Ltd.in Noida and Pune.

Training and Workshops

- Participated workshop on sustainable Development & participation of women at New Delhi.
- Participated workshop on Reproductive & Child Health (RCH) organised by HIHT & Ministry of Health & Family Welfare, New Delhi.
- Participated in workshop on consumer Rights.
- Participated in workshop on Water Management at Dehradun(U.P.)
- Attended Training on GIS with Emphasis on Natural Resource and Disaster Management
- Attended Training on Oracle 8i DBA:Architecture& Administration, Backup Recovery, Performance tuning & Network administration at SQL International New Delhi.
- Attended Training on Windows NT server & workstation .
- Attended Training on Training on IBM-3083.

- Two months Training in Multimedia and Internet from ONGC
- Attended training on Continuing Education & Quality Improving Programme (CE&QIP) on Strategies for Organizations Growth
- Training on GIS with Emphasis on Natural Resource and Disaster Management from IIT Roorkee.
- Attended Two months Training on ITSM at Bedford, U.K.
- Attended training on ITIL V3 in IT Service Management from HP

Consultancy and Completed Projects

- Provided Consultancy of RS. 25 Lakh for Child Rights & You Trust for consecutive 6 years from 2000-2005.
- Provided Consultancy of Rs150Lakh for the Agency “Sir Dorabji Tata Trust” for consecutive 3 years from 2004 to 2006.
- Sustainability Evaluation Exercise designed and developed to assess and measure the level of sustainability of created assets and investments made in the Swajal Project.

TECHNICAL REPORTS

- Prepared Annual Progress Reports, Quarterly Progress Reports on behalf of the Swajal Project
- Prepared workshop report on “Fifth Sustainability Evaluation Exercise: An Exercise towards achieving Sustainability “ on behalf of the Swajal Project in 2003.
- Prepared “Seventh Annual Progress Report (April 2002 to March 2003)” .
- Prepared “Twenty Seventh Quarterly Progress Report (January 2003 to March, 2003)”.
- Prepared workshop report on “Fifth Sustainability Evaluation Exercise: An Exercise towards achieving Sustainability “ on behalf of the Swajal Project in 2003
- Preparation of Report on the Proceedings of the First Preparatory Mission.
- Assisted Jal Nigam in generating reports from the database of collected by RGNDWM Survey

Research Papers Published:

S. No.	Title	Journal	DOI/ISSN/ ISBN No.
1.	Relative Superior Julia Sets for Complex Carotid-Kundalini Function.	International Journal of Computer Applications.	ISBN: 973-93-80868-76-5
2.	A Relative Superior Julia Set and Relative Superior Tricorn and Multicorns of Fractals	International Journal of Computer Applications.	ISBN: 973-93-80867-44-1)
3.	Complex Dynamics of Superior	International Journal of	ISBN: 973-93-

	Multibrots	Computer Applications.	80867-01-0)
4.	A New Approach in Fractals Models.	International Journal of Computer Applications.	ISBN: 973-93-80869-20-9)
5.	New Escape Time Koch Curve in Complex Plane.	International Journal of Computer Applications	ISBN: 973-93-80870-38-7)
6.	New Sierpensi Curves in Complex Plane	International Journal of Computer Applications	ISBN: 973-93-80871-42-3
7.	Superior Multibrots for Multicorns for Positive Values.	International Journal of Computer Applications	ISBN: 973-93-80873-44-0)
8.	Conceptual Model for Developing Meteorological Data Warehouse in Uttarakhand	Journal of Information and Operations Management	0976-7754 & E-ISSN: 0976-7762,
9.	Modified Secure Cloud Computing Platform	International Journal of Scientific and Engineering Research	ISSN 2229-5518
10.	Simulation analysis of proactive, reactive and hybrid routing protocols in mobile Ad-hoc network using Qualnet simulator 5.0.2	International Journal of Computer Engineering Research	ISSN2141-6494
11.	Goodput Enhancement: SMR Optimization technique for improving the delivery reliability in mobile ad-hoc network	Journal of Information and Operations Management	ISSN:0976-7754 & E-ISSN:0976-7762
12.	Fractal Market Hypothesis in Indian Stock Market	International Journal of Advanced Research in Computer Science and Software Engineering	ISSN: 2277 128X
13.	Green Computing Research	International Journal of	ISSN: 2277

	Challenges: A Review	Advanced Research in Computer Science and Software Engineering	128X
14.	e-GiMod: Modeling an Information Highway for Cost Effective and Efficient e-Governance in India using Open Source Cloud Computing Services	International Journal of Advanced Research in Computer Science and Software Engineering	Volume 4, Issue 1, January 2014 ISSN: 2277 128X

Papers Presented in Conferences

- “New Relative Julia Sets” at National Conference on Role of Mathematical and Physical Sciences in Engineering and Technology, Department of Mathematics and Physics, Govt. Degree College, karanprayag, Chamoli
- “Green Computing innovations”, National Seminar on Environmental Management & Biodiversity conservation, OIMT, Rishikesh
- Cloud Computing Existing Models: a Comparison”, National Conference on Role of Mathematical and Physical Sciences in Engineering and Technology, Department of Mathematics and Physics, Govt. Dgreee College, karanprayag, Chamoli

Lecture Delivered

- Delivered Lecture on “Introduction to Computer Software, hardware and Networking-Entrepreneurship and Prospects of Entrepreneurship in Uttarakhand organized by CINWS.
- Delivered Lecture Computer Hardware and Software at DIC, Dehradun, organized by DIC.
- Delivered lecture on RDBMS and Visual Basic organized by Informatics, Dehradun.
- Delivered Lecture on Green Computing Issues and Challenges at GBPEC.

Achievements

- Prepared project proposal of 8,48,000USD for “Project Development Facility” on behalf of Government of Uttaranchal, 2003 which was sanctioned by the World Bank in February 2004.
- Developed Terms of Reference for Uttaranchal Jal Sansthan, Department of Drinking Water for their Computerization.
- Developed website for the Project Management Unit ,Swajal Project.
- Developed Monitoring and Evaluation System for Rural Water Supply and Sanitation Project.

- Prepared software to compile the data required to produce the Implementation Completion Report(ICR) which is a document of GoUA for the Swajal Project.
- Developed Service Desk software for D.S.S. Mobile Communications Ltd. which was used by their customer care department.
- Certified as Oracle 8iDBA in the year 2002.
- Prepared Japan PHRD funding proposal for “The Technical Assistance Program
- Certified in IT Service Management in the year 2007
- Received the “Yellow Belt Certificate” in the year 2008

Member of Professional Bodies

- Indian Society for Technical Education.

Extra-Curricular Activities

- Voluntary member of ‘Care In Need’ (An NGO working for women empowerment and Employment).
- Member of ‘Art of Living’.