


## Curriculum Vitae

<b>Name</b>	Dr.Mathura Prasad Thapliyal		
<b>Designation</b>	Professor		
<b>Department</b>	Computer Science & Engineering		
<b>Campus</b>	University Campus Srinagar		
<b>Telephone</b>	+91-1370-267795		
<b>Mobile</b>	+91-9412964905		
<b>Email id</b>	thapliyal.mp@gmail.com		
<b>Educational Qualification</b>	<b>Ph.D.</b>		
<b>Teaching Experience</b>	26 Years	<b>Research Experience</b>	17 Years
<b>Area of Interest</b>			
<p style="text-align: center;">Human-Computer Interaction</p> <p style="text-align: center;">Mobile-HCI</p> <p style="text-align: center;">Software Engineering</p> <p style="text-align: center;">E-learning, MIS, Data Mining</p>			
<b>Professional Training</b>			
<ul style="list-style-type: none"> <li>• Attended Workshop on “Quantum Computing” at California University Berkley (USA) , December 2002</li> <li>• CISCO Networking Training Programme from Indian Institute of Information Technology (IIIT) Hyderabad, 2001</li> </ul>			
<b>Presented Papers in the following International Conferences</b>			
<ul style="list-style-type: none"> <li>• World Computer Congress Beijing, China (WCC 2000)</li> <li>• INTERACT 2005 Conference Rome (Italy) September, 2005</li> </ul>			
<b>Editorial Board Member/ Member of Reviewer Board (Technical Committee) / Advisory Committee Member for International Journals:</b>			
<ul style="list-style-type: none"> <li>• Senior Editor, International Journal of Information Technology and Management, e-ISSN: 2249-4510</li> <li>• Electronic Journal of E-Learning (EJEL)</li> <li>• Electronic journal of e-governance (EJEG)</li> <li>• Journal of Electronic Commerce Research (JECR)</li> </ul>			

- International Journal of Computer Science and Information Security (IJCSIS)
- International Journal of Education and Development using ICT (IJEDICT)
- Journal of Computer Society of India
- IAENG International Journal of Computer Science ( IJCS)
- International Journal of Cyber Security and Digital Forensic (IJCSDF)
- Net Journal of Business Management
- International Journal of Informative and Futuristic Research (ISSN online-2347-1697)
- International Journal of Computing Intelligence and Informatics (IJCIT) ISSN : 2231-0258
- IJCCT Journal

**International Program Committee Member (IPC) of National/ International Conferences**

- International Conference on Electrical, Electronics and Information Technology (ICEEIT – 2014)
- International conference on Advance Computing, Communication & Engineering (IACCE- 2014)
- Member of the International Program Committee (IPC) for the IASTED International Conference on Human-Computer Interaction (IASTED-HCI 2012), which is to take place in Baltimore, USA from May 14, 2012 to May 16, 2012.
- ICMET 2011 Reviewer/Committee Member
- International Federation for Information Processing Conference INTERACT ( IFIP TC-13 INTERACT 2205, 2007, 2009, 2013)
- Mobile HCI ( 2009)
- Business and Information ( BAI 2006, 2009)
- International Association of Science & Technology for Development on Human-Computer Interaction ( IASTED 2009)
- Methods and Models in Computing ( NCM2C 2008)
- International Conference on Emerging Technologies and Applications in Engineering, Technology & Sciences ( ICETAETS-2008)
- SIG CHI 2008
- Organising Committee Member of Data Warehousing, Data Mining and Data Modeling

(DWDM 2008)

- World Academy of Sciences, Engineering & Technology (WASET) Committee on Natural & Applied Sciences
- British Human Computer Interaction (HCI 2006, 2007)
- Regional Co-ordinator for National Conference on Emerging Technologies and Applications (ETA-2005)
- 8<sup>th</sup> South Asian Management Forum (AMDISA 2004)

#### **Reviewer for International Conferences**

- INTERACT
- IASTED on HCI
- BAI
- HCI
- Mobile HCI
- SIG CHI
- ICCICS 2014
- E -Skill 2014

#### **Reviewer for Research Proposals**

- Colorado University (USA)
- All India Council for Technical Education , New Delhi (AICTE)

#### **Foreign Visits**

- Beijing, China (2000)
- California University, Berkley USA (2002)
- Rome, Italy (2005)
- Singapore (2006)

#### **Nomination at International Level :**

- Selected in Who's Who of Professional listed in 2005-2006 edition of International Who's Who of Professionals published from Washington, D.C. USA
- Nominated as International Educator of the year 2005 in International Biographical Centre, Cambridge, England.

**Committee Member of Professional Associations**

- The Society of Digital Information and Wireless Communications (SDIWC)  
Membership ID : 5083
- International Association of Engineers (IAENG)
- All India Council for Technical Education, New Delhi, India (AICTE)
- -Empanel as an Expert Committee Member for visiting Technical Institution in India  
(May- June 2009)
- Computer Society of India, Dehradun Chapter - Secretary (March 2005-20086)
- Computer Society of India, Dehradun Chapter- Nominating Committee (2007)
- Indian Society for Technical Education
- Computer Society of India (CSI) – Associate member
- Indian Science Congress- Member
- Member of Society for Information Science - Member
- Member of Indian Society for Remote Sensing- Member
- Member of Indian Society of Information Theory and Applications (ISITA)- Member

**Advisor to Educational Institutions in India**

- Amravati University, Amravati ( Maharashtra) – External Examiner
- GurukulKangri University, Haridwar ( Uttaranchal)- External Ph.D. Theses Examiner
- Kumaon University, Nainital ( Uttaranchal)- External Ph.D. Theses Examiner
- Indira Gandhi National Open University (IGNOU) New Delhi - Counsellor
- MakhanLalChaturvediPatrakaritaVishwavidyalaya ,Bhopal- External Examiner
- Dev SankritiVishwavidyalaya , Gyatri, Shantikunj, Haridwar- External Examiner
- Periyar University (Tamil Nadu)- External Ph.D. Thesis Examiner
- Bhagwant University, Ajmer (Rajasthan) - External Ph.D. Thesis Examiner
- Anna University, Chennai- External Ph.D. Thesis Examiner
- MP Public Service Commission , Indore- Expert Selection Committee
- Uttarakhand Public Service Commission, Haridwar- Expert of Selection Committee
- Banaras Hindu University, Varanasi- External Examiner
- Vinayak Mission University, Pondicherry-Supervisor for M.Phil Degree
- Singahania University, Rajasthan- Research Supervisor for Ph.D. Degree

- Resource Person in UGC-Academic Staff College, Kumaon University, Nainital (Refresher course in IT Applications), 2008
- Delivered Lecture in UGC-Academic Staff College, Himachal Pradesh University, Shimla as a Resource Person, 2010 on Refresher Course in IT Awareness
- Delivered Lecture in UGC-Academic Staff College, Himachal Pradesh University, Shimla as a Resource Person, 2012 on Refresher Course in IT Awareness
- Chair session in International Conference held at TirthankarMahaveer University Moradabad, 7 April 2012

#### **Books Authored**

- Text Book on Fortran Programming
- Text Book on System Analysis
- Text Book on C Programming

#### **No. of Papers Published/ presented in National and International Symposium:**

- National : 12
- International : 24
- Invited Speaker : International Symposium on Recent Advances in IT & IT Management (RAITM12), February 28-29, 2012 Organized by Department of MCA, Shri Guru Ram Rai Institute of Technology & Science, Dehradun, India
- Chaired session in International Conference on Business and Technology, Held at Forest Research Institute Dehradun, 5-6, November 2011
- Chaired session in International Conference on Emerging Trends in Engineering and Technology, held at Teeranthakar University, Morabad, 06-07, April 2012
- Chaired session in National Conference on Progress in Electronics & allied Science (PEAS 2012), held at Faculty of Engineering & Technology, GurukulKangri University, Haridwar, 03-04, November, 2012
- Keynote Speaker in 2<sup>nd</sup> International Conference on Internet & Cloud Computing Technology (ICICCT 2013 ) Singapore on January 19 – 20, 2013.

#### **Administrative Experience**

- Head, Department of Computer Science from 10.2.200 to Feb. 2001
- Assistant Proctor, Birla Campus HNB Garhwal University Srinagar(Garhwal) ( 22.1.2002

to 1.1.2003)

- Programme Officer in the National Service Scheme(NSS)Unit of Birla Campus HNB Garhwal University Srinagar(Garhwal) (April 99 - 2002)
- Academic Incharge Master of Computer Application (MCA) Programme -(Feb. 2001 to till date)

### **List of Publications ( Last three years)**

#### **International**

- **Thapliyal M P** & K Subramanian, *Scaling up Information Technology For India in New Millenium : Developing Technology Mindset Proceedings of International Conference on Business and Information (BAI 2006)* , organised by Academy of Taiwan Information Systems Research, July 12-14, 2006, Vol. 3, ISSN: 1729-9322
- **Thapliyal M P** *The Conceptual framework of Data Quality on Web for E-Commerce Excellence, International Conference on Information and Communication Technology (ICT 2007) at Dehradun Institute of Technology, July 26-28, 2007*
- **Thapliyal M P**, *Issues and challenges in developing citizen-centric e-governance in India, International Conference on E-governance(ICEG),NSIT, Dwarka, New Delhi, December 18-20, 2008*
- **Thapliyal M P** , *Data Mining for Customer Relationship, International Conference on Business & Technology, FRI University, Dehradun, Uttarakhand, 04-05 November, 2011*
- **Thapliyal M P**, *E- Governance in India, International ICT Conference, organised by School of Computer Science & IT, Uttarakhand Open University in Collaboration with Commonwealth of Learning, Doon University & Graphic Era University, 28-29 November, 2011*

#### **National**

- **Thapliyal M P** , Rauthan M M S, Harish Kumar & Pant Durgesh , *Technology Vision for Uttaranchal, National Seminar on Role of Informatics in Uttaranchal, Department of Computer Science, Kumaon University, SSJ Campus, Almora, Uttaranchal, June 25-27, 2004*
- **Thapliyal M P** , *An Intelligent Tutoring System on World Wide Web, National Seminar on ICT Enabled Education organised by National Institute of Technical Teachers'*

Training and Research (NITTR) Chandigarh, November 17-18, 2004

- Thapliyal M P , National Seminar on Higher Education in Uttaranchal in The Present Era of Liberalisation Privatisation and Globalisation, Faculty of Commerce & Management Kumaon University, Nainital, December 3-4, 2005
- **Thapliyal M P** , ICT for Growth and Poverty Alleviation National Seminar on Information and Communication Technology, Recent Advances & Applications Feb.9-11, JMIT Radur (Haryana), 2006
- Thapliyal M P & Pooja Vashishta, “Green Computing: Role of IT in Eco-Environment, organised by Faculty of Engineering & Technology, Gurukul Kangri University Haridwar (IAEAS-2011), November 9-10, 2011
- **Thapliyal M.P.**, Shweta Chauhan, Data Mining Through Business Intelligence, National Seminar on Vedic Studies and Information Technology (VSIT 2011) , Dev Sanskriti Vishwavidyalaya, Haridwar, August 23- 24, 2011
- K K Pandey & **Thapliyal M P** , Articulate Picture of Technology Preserved in Vedas, National Seminar on Vedic Studies and Information Technology (VSIT 2011) , Dev Sanskriti Vishwavidyalaya, Haridwar, August 23- 24, 2011

#### **Publications**

- **M.P. Thapliyal** (2010), Cognitively of Object Oriented Matrix, *International Journal of Engineering Technology and Applied Science, Volume 2- No.1, March 2010, PP. 47-50 ISSN: 0975-1416*
- **M.P. Thapliyal**, M MRauthan & M K Sharma, Applications of Data Mining on E-Governance Data Warehouse, Praygan: Information Technology, Vol. 6: Issue 1, June 2008
- **M.P. Thapliyal** (2010), Software Reuse: A holistic Approach, *International Journal of Computer Applications in Engineering Technology and Sciences, Volume 2- Issue 1, October 09-March 2010, PP 575-579 ISSN: 0974-3596*
- Pramod Kumar & **M.P. Thapliyal** (2010), Successful Implementation of ERP in Large Organization, *International Journal of Engineering Science and Technology, Volume 2(7), 2010, PP 3220-3226 ISSN: 0975-5462*
- Pramod Kumar & **M.P. Thapliyal** (2010), Integration of E-business with ERP systems,

*International Journal of Engineering Science and Technology, Volume2(5), 2010, PP 768-772 ISSN: 095-5462*

- **M.P. Thapliyal & Pratibha Dwivedi** (2010), Software Process Improvement small and medium software organizations of India, *International Journal of Computer Applications, Volume7-No.12, PP 37-39 ISSN: 0975-8887*
- **M.P. Thapliyal & Garima Verma** (2010), Software Defects and Object Oriented Metrics- An Empirical Analysis, *International Journal of Computer Applications, Volume9-No.5, November 2010, PP 41-44 ISSN : 0975- 8887*
- **Komal Chandra Joshi & M.P. Thapliyal** , WiMAX (Worldwide Interoperability for Microwave Access): a Broadband Wireless Product in Emerging Markets, *International Journal of Computer Science Issues(IJCSI)*, Vol.8, Issue 3, No. 1 pp 588-591 ISSN : 1694-0814
- **Garima Verma & M.P. Thapliyal** , Implementing Software Product Metrics in Procedural Paradigm: LOC and Cyclomatic Complexity Metrics, *PIMT Journal of Research*, Vol.2, No.2, September-09-February 2010, 54-58
- **M.P. Thapliyal & Charu**, IT Enabled Knowledge Management in Multinational Companies, *International Journal of Engineering Science and Technology*, Vol. 2(9), 2010, 4469-4473 ISSN: 0975-5462
- **Naveen Rathor, M.P. Thapliyal, Rajeev Goyal & Ajay Gupta**, Knowledge Management and its Impacts on Development of a Software Product, *VSRD International Journal of Computer Science & Information Technology*, Vol.1(3),2011, 1-5, ISSN: 2231-2471
- **Naveen Rathor, M.P. Thapliyal & Shallu Juneja**, Role of Knowledge Delivery in Software Process, *VSRD International Journal of Computer Science & Information Technology*, Vol.1(8),2011, 1-5, ISSN: 2231-2471
- **Naveen Rathor, M.P. Thapliyal, vijay Kumar Gupta & Ajay Gupta**, Knowledge Management Systems & It's Failure Factors *VSRD International Journal of Computer Science & Information Technology*, Vol.1(8),2011, 1-5, ISSN: 2231-2471
- **Sanjay Sharma & M.P. Thapliyal**, Quality Estimation Analysis of High Speed Networks with Controllable Arrivals, *International Journal of Information Technology and Knowledge Management* July-December 2011, Volume 4, No. 2, pp. 347-349 ISSN:



0973-4414

- **M.P.Thapliyal**, Sandeep Kautish, A Comprehensive Review of Literature on Consumer Satisfaction with Special Reference to Internet Shopping, *JM International Journal of Marketing Management*, Volume 1, Issue V, July 2011, pp 408-418, ISSN : Print 2230-701X
- **M P Thapliyal**& Sandeep Kautish, A Study of Innovation and increasing Service Quality in Courier Industry of India by Applying MCRM Tools and Applications, *International Journal of Research in Computer Application and Management*, Volume No. 1, Issue No. 7, September 2011, pp 97-102, ISSN: 2231-1009
- **M K Sharma**&**M.P.Thapliyal**, G-cloud (e-Governance in cloud),*Int J EnggTechsci*, Vol 2(2) 2011,134-137, ISSN: 0976-9293
- **M.P.Thapliyal**& Shweta Chauhan , Harnessing ERP Systems with Knowledge Management, *VSRD International journal of CS & IT*,Vol.1(7), 2011, 1-5, ISSN: 2281-2474
- Naveen Rathor, **M.P.Thapliyal**, Vijay Kumar Gupta & Ajay Gupta, Knowledge Management System in Software Industry,*International Journal of Current Research*,Vol.3, Issue, 11, October, 2011, 134-137, ISSN: 0975-833X
- **M.P.Thapliyal**& Sandeep Kautish , Graph Based Framework for Designing Modern Decision Support Systems, *International Journal of Emerging Trends & Technology in Computer Science (IJETTCS)*, Vol.1, Issue 2, July-August 2012,45-49, ISSN: 2278-6856
- **M.P.Thapliyal**& Pooja Vashishta, ERP Software Implementation in Indian Small and Medium Enterprises, *International Journal of Emerging Trends & Technology in Computer Science (IJETTCS)*, Vol.1, Issue 2, July- August 2012,107-111 , ISSN: 2278-6856
- Ishwari Singh Rajput, Sanjeen Kumar Sharma &**M P Thapliyal**, An Efficient Parallel Searching Algorithm on Hypercube Interconnection Network, *International Journal of Mobile &Adhoc Network*, Vol2, Issue 3, August 2012, 398-404 , ISSN: 2231-6825
- Sandeep Kautish&**M P Thapliyal**, Concept of Decision Support Systems in Relation With Knowledge Management- Fundamentals, Theories, Frameworks and Practices,

International Journal of Innovation in Engineering & Management (IJAIEM), Vol.1, Issue 2, October 2012, 1-9, ISSN: 2319-4847

- Kaushal Chandra, Sanjeev Kumar Sharma, **M P Thapliyal**&Bhawmesh Kumar, Load Balancing in Wireless Mobile AD HOC Networks, IFRA's International Journal of Computing, Vol2, Issue 4, October 2012, 787-790, ISSN: 2230-9039
- GarimaRastogi & **M P Thapliyal**, Using Agility in Measurement to Improve Software Metrics, International Journal of Information Technology and Management, Vol.II, Issue II, May 2012, 1-5, ISSN: 2249-4510
- Sanjeev Kumar, Vinod Kumar, S C Agarwal and **M P Thapliyal**, Analysis of Algorithms: Notational Complexities and Real Complexities, IFRA's International Journal of Computing, Vol.2 Issue 2, April 2012, 460-466 ISSN : 2230-9039.
- K.K.Pandey and **M P Thapliyal** Articulate Picture of Technology Preserved In the Vedas(The Incredible Science of the Ancient India), International Journal on Research and Application in Science & Technology,2013, Vol. 01, Issue. 01, August-September