



Dr. Ratnesh Litoriya
(B.Tech , M.E , Ph.D)



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CAREER OBJECTIVE

To merge my enthusiasm and talent for learning and teaching with adult vocational students in order to develop their professional skills and attitudes.

PRESENT STATUS

Serving as an Assistant Professor (Senior grade) in CSE Department at **JAYPEE University of Engineering & Technology Guna (M.P.)** [**Grade “A” accredited by NAAC**]

RESEARCH WORK

Awarded Ph.D (Computer Engg) in the field of software Engineering under the kind supervision of Prof. (Dr) Abhay Kothari, Indore in year 2015.

Thesis Title: “Existing Software Estimation Models: Validation and Improvements for Web based Projects”

AWARD/HONOR

Received “*International Award for Professor with Huge Potential in Engineering*” in International excellence award ceremony, Organized by World Federation of Science and Technology (California) and Research Foundation of India. (December 2019)

TEACHING EXPERIENCE: (14 Years approx)

- ❖ Working with JAYPEE University of Engineering & Technology Guna as an Assistant Professor (Senior Grade) in Computer Science & Engineering Department, since August 2008.

- ❖ Worked as a Senior Lecturer in Sanghvi Institute of management and Science Indore (M.P.)
- ❖ Worked as a Sr. Lecturer in Truba College of Engineering & Technology Indore from June 2006 to June 2008 i.e. **2 Years**.
- ❖ Worked as a Lecturer in Indore Institute of Science and Technology Indore from march 2006 to june 2006 i.e. **4 months**.
- ❖ Worked as a Lecturer in Bhopal Institute of Technology Bhopal from July 2004 to May 2005 i.e. **1 Year**.
- ❖ One month 15 days training on Switching System at Bharat Sanchar Nigam Limited Distt. Vidisha (M.P.)

ACADEMIC DETAILS

Degree/ Examination	Institute/Univ./Board	Year of Passing	Division	Percentage
Ph.D (Computer Engg)	Dept. of Computer Engg. Shri JJT University Jhunjhunu (Rajasthan) [UGC recognized]	2015	--NA--	--NA--
M.E. (Computer Engg)	Institute of Engineering & Technology, DAVV Indore (M.P.) [NACC 'A+' Grade]	2007	First	66.0
B.Tech. (Information Technology)	Institute of Engineering & Technology, DAVV Indore (M.P.) [NACC 'A' Grade]	2004	First	73.0
XII (PCM)	Govt. M.H.S.S. Sagar (M.P.)	2000	First	72.9
X	Govt. M.H.S.S. Sagar (M.P.)	1998	First	73.4

PROFESSIONAL BODY MEMBERSHIP

- ❖ IEEE (Membership # **92354735**)

- ❖ UACEE (Universal Association of Computer and Electronics Engineers, **Senior Member # SNM10100052117**)
- ❖ IACSIT (International Association of Computer Science and Information Technology, Membership # **80334035**)
- ❖ IAENG (International Association of Engineers, Membership # **107181**)

BOS MEMBERSHIP

Member of Board of Studies in Computer Science department at Jaypee University of Engg and Technology Guna.






Google Scholar (Citation Index)

<https://scholar.google.co.in/citations?user=-P6t4ywAAAAJ&hl=en>

Cited by		
	All	Since 2014
Citations	309	276
h-index	8	8
i10-index	5	5

Researchgate (Citation Index)

https://www.researchgate.net/profile/Ratnesh_Litoriya

Stats overview		View all 	
161.2		187	
Total Research Interest ⓘ		Citations	
34		7,195	
Recommendations		Reads ⓘ	

RESEARCH PAPER PUBLICATION (INTERNATIONAL JOURNALS)

S. No.	Names of All Authors in Order as in Publication	Title and Complete Reference in IEEE Style	Indexed in
1.	Mamta Pandey, Ratnesh Litoriya, Prateek Pandey	"Validation of Existing Software Effort Estimation Techniques in Context with Mobile Software Applications". Wireless Personal Communications, September 2019, DOI: 10.1007/s11277-019-06805-0	SCIE, Scopus
2.	Prateek Pandey, Ratnesh Litoriya	"Elderly Care through Unusual Behavior Detection: A Disaster Management Approach using IoT and Intelligence," IBM Journal of Research and Development, October 2019, DOI: 10.1147/JRD.2019.2947018.	SCIE, Scopus
3.	Prateek Pandey, Ratnesh Litoriya	"Fuzzy AHP based identification model for efficient application development", Journal of Intelligent & Fuzzy Systems, vol. Pre-press, no. Pre-press, pp. 1-12, November 2019, DOI: 10.1007/s11277-019-06351-9.	SCIE, Scopus
4.	Prateek Pandey, Ratnesh Litoriya	"Securing and Authenticating Healthcare Records through Blockchain Technology", Cryptologia (Taylor & Francis), December 2019, DOI: 10.1080/01611194.2019.1706060	SCIE
5.	Narendra Sharma, Ratnesh Litoriya, Deepika Sharma, Harsh Pratap Singh	"Designing a Decision Support Framework for Municipal Solid Waste Management", International Journal on Emerging Technologies 10(4): 374-379 (2019)	Scopus
6.	Mamta Pandey, Ratnesh Litoriya, Prateek Pandey	"An ISM Approach for Modeling the Issues and Factors of Mobile App Development," <i>International Journal of Software Engineering and Knowledge Engineering</i> , Vol. 28, No. 07, pp. 937-953, August 2018. DOI:0.1142/S0218194018400119	SCIE, Scopus
7.	Mamta Pandey, Ratnesh Litoriya, Prateek Pandey	"Identifying Causal Relationships in Mobile App Issues: An Interval Type-2 Fuzzy DEMATEL Approach," Wireless Personal Communications, pp. 1-28, April 2019, DOI: 10.1007/s11277-019-06424-9.	SCIE, Scopus
8.	Mamta Pandey, Ratnesh Litoriya, Prateek Pandey	"Novel Approach for Mobile Based App Development Incorporating MAAF," Wireless Personal Communications, Vol. 107, No. 04, pp. 1687-1708, April 2019. DOI: 10.1007/s11277-019-06351-9.	SCIE, Scopus
9.	Mamta Pandey, Ratnesh Litoriya, Prateek Pandey	"Application of Fuzzy Dematel Approach in Analyzing Mobile App Issues", Programming and Computer Software, Vol.45, No. 05, pp.268-287, 2019. DOI: 10.1134/S0361768819050050	SCIE, Scopus
10.	Prateek Pandey, Ratnesh Litoriya	"An Activity Vigilance System for Elderly based on Fuzzy Probability Transformations" Journal of Intelligent and Fuzzy Systems, IOS Press, Vol. 36, issue 3, pp 2481-2494, March 2019. DOI:10.3233/JIFS-181146	SCIE, Scopus

11.	Prateek Pandey, Ratnesh Litoriya, Akhilesh Tiwari	"A framework for fuzzy modeling in agricultural diagnostics", <i>Journal Europeen des Systemes Automatises</i> , Vol. 51, No 4-6, pp 203-223. 2018. DOI: https://doi.org/10.3166/JESA.51.203-223	Scopus
12.	Mamta Pandey, Ratnesh Litoriya, Prateek Pandey	"Mobile APP development based on agility function", <i>Ingénierie des Systèmes d'Information</i> , Vol. 23, No. 6, pp 19-44, 2018. DOI: 10.3166/isi.23.6.19-44	Scopus
13.	Mamta Pandey, Ratnesh Litoriya, Prateek Pandey	"The Applicability of Machine Learning Methods on Mobile App Effort Estimation: Validation and Performance Evaluation" <i>International Journal of Software Engineering and Knowledge Engineering</i> , 2020 (In Press)	SCIE, Scopus
14.	Narendra Sharma, Ratnesh Litoriya, Deepika Sharma	"An Analytical Study on the Importance of Data Mining for Designing a Decision Support System", <i>Journal Of Harmonized Research in Applied Sciences</i> , Vol. 7, issue 2, pp 44-48, April 2019. DOI:10.30876/JOHR.7.2.2019.44-48	
15.	Mamta Pandey, Ratnesh Litoriya, Prateek Pandey	"Empirical analysis of defects in handheld device applications". 3rd International Conference on Advances in Computing and Data Sciences, Inderprastha Engineering College Ghaziabad, 12-13, April, 2019. Proceeding published in <i>Communications in Computer and Information Sciences</i> (Springer) pp 103-113 DOI:10.1007/978-981-13-9942-8_10	Scopus
16.	Mamta Pandey, Ratnesh Litoriya, Prateek Pandey	"Perception based classification of mobile Apps: A Critical review," <i>Computational Strategies for Next Generation Technologies (NEXTCOM-2017)</i> , CT Institute of Engineering, Management & Technology Shahpur, Jalandhar, Punjab, India, November 25-26, 2017. In proceedings of <i>Computational Strategies: Theoretical and Practical Aspects</i> . Springer, Singapore, pp 121-133, 2017 DOI: 10.1007/978-981-13-6295-8_11	
17.	Swapnil Sonar, Dharmendra Gupta, Ratnesh Litoria	"Alcohol Sensing Alert with Engine Locking", 3rd IEEE International Conference on Electrical, Electronics, Communication, Computer Technologies & Optimization Techniques (ICEECCOT-2018), GSSS Institute of Engineering and Technology for Women, Mysuru, Karnataka, India, December 14-15, 2018	
18.	Mamta Pandey, Ratnesh Litoriya, Prateek Pandey	"Refinement of Requirements for Mobile App Development: An Overview," In proceedings of National Conference on contemporary computing, organized by CSI at CITM Indore, November 18-19, 2016.	
19.	Ratnesh Litoriya, Prabhat Sharma, Prasanjeet Kumar Singh	"Dynamic Multicopy Storage and Verification System", In proceeding of national Conference on contemporary computing, organized by CSI at CITM Indore, November 18-19, 2016.	

20.	Ratnesh Litoriya, Aditya Gaurav, Adarsh Keshari, Ajay Kumar	"Tracking of stolen motor vehicle using an Android Application" International Journal of Multidisciplinary Allied Research Review and Practices, Volume 3, Issue 3, May 2016, PP 491-494,(ISSN No: 2455-1570)	
21.	Ratnesh Litoriya, Aditya Gaurav, Adarsh Keshari and Ajay Kumar	"Tracking of Stolen Motor Vehicle using an Android Application", International Journal of Multidisciplinary Allied Research Review and Practices, Volume 3, Issue 3, pp.491-494, May 2016.	
22.	Mamta Pandey, Ratnesh Litoriya Prateek Pandey	"Mobile Applications in context of Big Data: A Survey", in Proceeding of 1st IEEE Symposium on Colossal Data Analysis & Networking (CDAN'16) organized by Medi-Caps University in collaboration with CSI and IEEE, Indore, MP during 18-19 March, 2016. DOI:10.1109/CDAN.2016.7570942	Scopus
23.	Mamta Pandey, Ratnesh Litoriya Prateek Pandey	"Issues and Challenges in Mobile Applications" in Souvenir of 3rd National Conference on Advances in Information & Communication Technology (Under TEQIP-II) organized by MITS Gwalior, MP, pp-12, during 04-05 March, 2016.	
24.	Ratnesh Litoriya, Dr.Abhay kothari	"Cost Estimation of web projects in context with Agile paradigm: Improvements and validation" International Journal of Software Engineering (A Publication of Software Engineering Competence Center - Egypt), Volume 6, No 2, July 2013, pp 91-114. [ISSN (Print): 1687-6954 ISSN (Online): 2090-1801]	
25.	Ratnesh Litoriya, Dr.Abhay kothari	"Empirical Analysis of Parametric Models for Cost Estimation in Agile Development Projects" International Journal of Computer and Electronics Engineering, Vol.3, No.2, 2011, pp 151-157.	
26.	Ratnesh Litoriya, Dr.Abhay kothari	"An Efficient Approach for Agile Web Based Project Estimation: AgileMOW" Journal of Software Engineering and Applications (Scientific Research USA), Vol. 6, No. 6, 2013, pp. 297-303. [ISSN Print: 1945-3116] doi: 10.4236/jsea.2013.66037.	
27.	Ratnesh Litoriya, Govind singh Rajput	"Corad Agile Method for Agile Software Cost Estimation" Open Access Library Journal (OALIB), [ISSN: 2333-9721] Volume : 1, pp 1-13, 2014 doi: http://dx.doi.org/10.4236/oalib.1100579	
28.	Ratnesh Litoriya, Narendra Sharma, Aman Bajpai	"Incorporating Data Mining Techniques on Software Cost Estimation: Validation and Improvement" International Journal of Emerging Technology and Advanced Engineering , Volume 2, Issue 3, March 2012 pp 301-309. [ISSN 2250-2459]	

29.	Ratnesh Litoriya, Narendra Sharma	"A comparison of software cost estimation methods:A Survey" The International Journal of Computer Science & Applications, Volume 1, No. 3, May 2012, pp 121-127. [ISSN – 2278-1080]	
30.	Ratnesh Litoriya, Narendra Sharma, Aman Bajpai	"Comparison the various clustering algorithms of weka tools" International Journal of Emerging Technology and Advanced Engineering, Volume 2, Issue 5, May 2012, pp 73-80. [ISSN 2250-2459]	
31.	Dr. Ravindra Patel, Vishnu Sharma and Ratnesh Litoriya	"Security Issues for Hand-Held Devices in the new era of Mobile Computing" CiiT International Journal of Networking and Communication Engineering, October 2009. DOI: NCE102009007 [ISSN (Print) 0974 – 9713 & ISSN (online) 0974 – 9616]	
32.	Ratnesh Litoriya, Anshu Ranjan,	"Relational Algebra Interpreter in Context of Query Languages" International Journal of Computer Theory and Engineering, Vol.3, No.1, February, 2011, pp-1793-8201. [ISSN- 1793-8201]	

BOOK CHAPTER CONTRIBUTION

[1] Book Title: Fuzzy Expert Systems and Applications in Agricultural Diagnosis (**Scopus Indexed**)

Chapter Title: *A Predictive Fuzzy Expert System for Crop Disease Diagnostic and Decision Support*

Publisher : **IGI Global**

Year : 2019

Page No : 175-194

DOI : 10.4018/978-1-5225-9175-7.ch010

[2] Book Title: Multimedia Big Data Computing for IoT Applications: Concepts, Paradigms and Solutions (**Scopus Indexed**)

Chapter Title: *Legal/Regulatory Issues for MMBD in IoT*

Publisher : **Springer, Singapore**

Year : 2019

ISBN : 978-981-13-8758-6

Page No : 367-388

DOI : https://doi.org/10.1007/978-981-13-8759-3_14

[3] Book Title: Smart Computational Strategies: Theoretical and Practical Aspects

Chapter Title: *Perception-based Classification of Mobile Apps: A Critical Review*

Publisher : **Springer, Singapore**

Year : 2019

ISBN : 978-981-13-6295-8,

Page No : 121-133

DOI : https://doi.org/10.1007/978-981-13-6295-8_11

[4] Book Title: Computational Mathematics and Information Technology

Publisher : **Narosa Publishing House Pvt. Ltd.**

Year : 2015

ISBN : 978-81-8487-420-4,

Page No : 214-219

RESEARCH PAPER PUBLISHED/PRESENTED (INTERNATIONAL/NATIONAL CONFERENCES)

S. No.	Authors	Details of Conferences (Name, Place, dates etc.)	Conferences of proceedings
1	Ratnesh Litoriya	<i>International Conference on Computing Technologies (ICONCT'09)</i> , Mepco Schlnc College Shivakasi Tamilnadu 09-11 Dec 2009	Published by Mepco Schlnc College Shivakasi ISBN 978-81-909614-0-0 pp 345-348
2	Ratnesh Litoriya, Vishnu Sharma	<i>International Conference on Global Issues in Business & Technology</i> , Organized at Devi Ahilya University Indore (M.P.) 22-24 Dec 2009	Review of Business and Technology Research Vol. 2, No. 1, 2009 ISSN 1941-9414 pp 1-6
3	Ratnesh Litoriya, Vishnu Sharma	Fourth <i>International Conference on Managing the New World Order : Stratagies for Sustainable Business Development</i> Organized at PIMR Indore (M.P.) January 30-31, 2010	Published by MacMillan Publication India
4	Ratnesh Litoriya, Anshu Ranjan	<i>2010 International Conference on Data Storage and Data Engineering (DSDE 2010)</i> organized by IACSIT and included in IEEE Explore at Bangalore , February 9-10, 2010	Published by Conference Publishing Service(CPS) Print ISBN: 978-1-4244-5678-9 INSPEC Accession Number:11260594 pp 24-28

5	Ratnesh Litoriya Vishnu Sharma	<i>International Conference on Trends and Advances in Computation and Engineering</i> organized by Barkatullah University Institute Of Technology, Bhopal (M.P.) February 25 th - 26 th , 2010	Published by Serials Publications, New Delhi ISBN: 978-81-8387-398-7 pp 927-933
6	Ratnesh Litoriya , Vishnu Sharma Ravindra Patel	<i>International Conference on Trends and Advances in Computation and Engineering</i> organized by Barkatullah University Institute Of Technology, Bhopal (M.P.) February 25 th - 26 th , 2010	Published by Serials Publications, New Delhi ISBN: 978-81-8387-398-7 pp 1421-1426
7	Ratnesh Litoriya , Seema Kelotra, Akanksha Khare	<i>1st IFIP International Conference on Bioinformatics</i> organized by SVNIT Surat (Gujrat) March 25 – 28, 2010	Souvenir Published by SVNIT Surat
8	Swapnil Sonar, Ati Jain, Anshu Tripathi & Ratnesh Litoriya	<i>The 2010 International Conference on Education Technology and Computer (ICETC 2010)</i> Organizing by IACSIT & IEEE Society and included in IEEE Explore Schedule to be held at Shanghai, China June 22 - 24, 2010	Published by IEEE, Inc. IEEE Catalog Number: CFP1052G-PRT INSPEC Accession Number: 11522738 Print ISBN: 978-1-4244-6367-1 pp V2-50 - V2-54
9	Dr. Shishir Kumar, Vishnu Sharma, Ratnesh Litoriya	<i>Annual Conference of Vijnana Parishad of India & National Symposium on Recent Development in Applicable Mathematics & Information Technology</i> held at JIET Guna (M.P.) , December 4-6, 2009	Published in Souvenir Page No.51
10	Vishnu Sharma, Ratnesh Litoriya , Prateek Pandey	<i>Annual Conference of Vijnana Parishad of India & National Symposium on Recent Development in Applicable Mathematics & Information Technology</i> , held at JIET Guna (M.P.) , December 4-6, 2009	Published in Souvenir Page No.54
11	Dr. Shishir Kumar, Vishnu Sharma, Ratnesh Litoriya	<i>National Conference on Mobile Computing: Current Trends</i> , organized by Hindustan Institute of Management & Computer Studies Farah, Mathura (UP) dated November 13-14, 2009	Published in the conference proceeding.

12	Dr.Sarita Singh Bhadauria, Vishnu Sharma, Ratnesh Litoriya	2010 2nd International Conference on Software Technology and Engineering (ICSTE) organized by IACSIT and included in IEEE Explore at Puerto Rico USA, October 3-5 2010	Published by IEEE, Inc. IEEE Catalog Number: CFP1030L-PRT INSPEC Accession Number: 11599305 Print ISBN: 978-1-4244-8667-0
13	Ratnesh Litoriya, Dr.Abhay Kothari	The National Conference on Emerging Trends in Information Technology (NCETIT 2011) IPS Academy Indore in collaboration with CSI Indore Chapter, February 24-25, 2011.	Published in the conference proceeding.
14	Ratnesh Litoriya, Dr.Abhay Kothari	National Conference on Emerging Research Trends in Computer Science and Engineering (NCERTCSE-11), Deptt of CSE at SVCE INDORE (M.P.) November 18-19, 2011	Published in the conference proceeding
15	Ratnesh Litoriya, Dr.Abhay Kothari	National Conference on Advances in Database, Network and Information Security MVP-Kshitij-ADNIS 2012 KABGTCE Nashik University of Pune March 13-16 , 2012	Published in the conference proceeding
16	Ratnesh Litoriya, Narendra Sharma, Dr.Abhay Kothari	CSI 6 th International Conference on Software engineering , Technically Sponsored by IEEE September 5-7 2012 at indore India	IEEE Catalog Number: CFP1229T-CDR and ISBN: 978-1-4673-2175-4
17	Ratnesh Litoriya, Rahul Jain	7 th Annual Conference of GAMS and National Symposium on Computational Mathematics & Information Technology JUET Guna Dec 7-9 , 2012	Published in Souvenir <i>Page No.107</i>
18	Ratnesh Litoriya	5 th International Conference on Information Technology & Business Intelligence, JUET Guna, Dec 13-15, 2013.	Published in the conference proceeding.
19	Ratnesh Litoriya	3 rd National Conference on Advances In Information & Communication Technology (Under TEQIP), MITS Gwalior, (M.P.), Feb 04-05, 2016.	Published in Souvenir <i>Page No.12</i>

20	Ratnesh Litoriya, Mamta Pandey, Prateek Pandey	1st IEEE Symposium on Colossal Data Analysis & Networking (CDAN'16), Medi-Caps University in collaboration with CSI and IEEE, Indore, MP , 18-19 March, 2016.	Published and included by IEEE explore.
21	Narendra Sharma, Ratnesh Litoriya	National Conference on “Emerging Technology in Electronics & Communication Engineering” , Bansal Institute of Science & Technology, Bhopal (M.P.), 8-11 March, 2017	Published in the conference proceeding.
22	Ratnesh Litoriya, Mamta Pandey	National Conference on “Contemporary Computing” CITM Indore (M.P.), 21-22 October, 2016.	Published in the conference proceeding.

SHORT TERM COURSES, SUMMER COURSES, WORKSHOPS AND CONFERENCES etc.

S. No.	Titles	Duration	Date	Sponsoring Agency and Organization & place held	Place
1.	FDP on Python Programming with Industry Perspectives	One week	02 - 06 December 2019	Electronics and IT academy of Department of Electronics and Information Technology, Govt. of India, IITDM, Jabalpur, at JUET Guna (M.P.)	Guna (M.P.)
2.	FDP on Deep Learning and Applications	One week	09 - 13 December 2019	Electronics and IT academy of Department of Electronics and Information Technology, Govt. of India, IITDM, Jabalpur, at JUET Guna (M.P.)	Guna (M.P.)
3.	FDP on Deep learning and applications	One week	27 - 31 May 2019	Electronics and IT academy of Department of Electronics and Information Technology, Govt. of India, IITDM, Jabalpur, at JUET Guna (M.P.)	Guna (M.P.)
4.	Workshop on Python	One day	22 June 2019	Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMNMTT)', MHRD, Govt. of India, conducted by IIT Bombay, at remote centre, SAGE University, Indore (M.P.)	SAGE Indore

5.	Faculty Development Program (FDP) on Data Structure and Algorithms	One week	10 - 14 July, 2018	In association with department of CSE and PDMIIITM, Jabalpur at JUET Guna (M.P.).	Guna (M.P.)
6.	National Workshop on Application of MATLAB in Science & Engineering	2 Days	February 11-12, 2017	Department of ECE Jaypee University of Engineering & Technology (JUET)	Guna (M.P.)
7.	Workshop on Advancements in Software Engineering	2 weeks	August 16-27 , 2016	Department of Computer Science & Engineering, JUET, Guna (M.P.)	Guna (M.P.)
8.	National Workshop on Advancements in Network Communications and Security (ANCS 2015)	3 Days	December 07-09, 2015	CSI and Department of CSE Jaypee University of Engineering & Technology (JUET)	Guna (M.P.)
9.	International Workshop on Intelligent Approaches for Object Oriented Modeling in Component Based Software Engineering (IAOOM-2015)	3 Days	May 07-09, 2015	Department of Computer Science & Engineering Jaypee University of Engineering & Technology	Guna (M.P.)
10.	National Workshop on Advancements in Network Communications and Security (ANCS 2014)	3 Days	December 29-31, 2014	Department of CSE Jaypee University of Engineering & Technology (JUET)	Guna (M.P.)
11.	IUCEE Workshop on “Application Oriented Networking”	5 Days	July 9 th – July 13 th 2012	Conducted by Indo US Collaboration for Engineering Education at Jaypee University of Engineering & Technology (JUET)	Guna (M.P.)
12.	ISTE Workshop on “Writing Effective Conference Papers” Under the <i>National Mission on Education through ICT</i> (MHRD, Govt. of India)	2 days	February 18th - 19th 2012	Conducted by IIT Bombay, at Truba College of Engg and Technology	Indore (M.P.)
13.	AICTE Sponsored Short Term Training Program On DATA WARE HOUSING AND DATA MINING	5 days	December 28th , 2009 – January 1st , 2010	Sardar Vallabhbhai National Institute of Technology, Surat ,	Surat (Gujrat)

14.	Workshop on Emerging Research trends in Computer Engg and related interdisciplinary Areas.	2 days	January 21-22, 2011	Department of Computer Science of Swami Vivekanand College of Engineering	Indore (Madhya Pradesh)
15.	National Conference on Education & Research (ConfER 2010)	2 Days	March 6-7 2010	Jaypee University of Engineering & Technology (JUET)	Guna (M.P.)
16.	IUCEE WORKSHOP on “Distributed Systems & Computer Security”	5 Days	May 30- June 3 2011	Conducted by Indo US Collaboration for Engineering Education at JUET	Guna (M.P.)
17.	IUCEE Summer course on “Computer System Performance Analysis”	5 Days	July 5-9 2010	Conducted by Indo US Collaboration for Engineering Education at Jaypee University of Engineering & Technology (JUET)	Guna (M.P.)
18.	Workshop on Agile approach of Software Engg.	1 Day		Medicaps Institute of Technology and Management	Indore
19.	"Scientific and technical dictionary commission" New Delhi.	3 Days	2004	MGCGV Chitrakoot Satna (M.P.)	Chitrakoot

INVITED TALK/GUEST SPEAKER

- ❖ Delivered an invited talk on “Contemporary techniques of Software Estimation” in a National Conference at CITM Indore (M.P.) 21-22 October, 2016.
- ❖ Served as a Resource Person in a National Conference on Smart Cities 2017 during 17th - 18th March 2017, Thane, (MH).

RESEARCH AND TEACHING INTERESTS

Software Engineering (S/W Estimation Models), Blockchain, IoT , Elderly care, Data Structures, Computer Graphics, Fundamental of Algorithms, Mobile computing.

PROFESSIONAL CERTIFICATION

Microsoft Certified Professional in .Net (MCP), Year 2007

PhD SUPERVISION

Completed:

Supervised one full time research scholar in the area of Software Engineering at JUET Guna.

Name : Mamta Pandey

Thesis title: Improving Software Engineering Practices for Mobile Application Projects

Awarded on: Dec 2019

Undergoing:

Supervising a PhD student in the field of data mining at Mewar University.

PROJECT GUIDANCE (Post graduate/undergraduate)

Supervised **5** M.Tech dissertaion and more than **70**, Software/Hardware major projects of undergraduate (B.Tech) students.

EDITORIAL Member/ REVIEWER/ PC Member

Working as a Reviewer for International journals and IEEE conferences of repute

- ❖ Editorial Board member in International Journal of Multidisciplinary allied research review and Practices (IJMARRP)
- ❖ Reviewer in IEEE Access Journal (SCI indexed Journal)
- ❖ Reviewer in Int'l Journal of Software Engineering and Knowledge Engineering (IJSEKE) (SCI indexed Journal)
- ❖ Reviewer in Wireless and Personal Communication (SCI indexed Journal)
- ❖ Reviewer in Journal of Software Engineering and Application USA.
- ❖ Reviewer in International Research Journal of Engineering Science, Technology and Innovation (IRJESTI).
- ❖ Program Committee member of various IEEE and Springer Conferences like ICCCA2015, ISACC-2015, ICCCA2016, ICCCA2017, SIPM 2018, and ICACCCN 2018.
- ❖ Member of National Advisory Committee in National Conference on Contemporary Computing (NC3-2K16)

CO CURRICULAR ACTIVITIES

- NCC 'A' Certificate with Rank – **CSM**.
- Participated in National Integration Camp Tirupati (Andhra Pradesh).

- Acted as Deputy Speaker (Rajya sabha) in the youth concord organized by JUET Youth club.
- Participated and achieved 1st position in interdepartmental sports meet held at JUET Badminton

PROJECT UNDERTAKEN

Title	Brief Description	Language	Team Size	Role in team
M E Dissertation work on (SMS Based Home Automation)	SMS Based Home Automation utilizes the existing GSM SMS service with low-cost hardware equipment to create a system for remote monitoring and remote control. Devices that connect to the system like lights for example, can be turn on or off by sending SMS to the system .The status of the system can be requested via SMS.	Java	1	Design, Coding & testing

HOBBIES

Puzzle solving, Yoga, Driving, Badminton

PERSONAL PROFILE

Date of Birth : **06th May 1983**
 Languages Known : English, Hindi & French
 Father's Name : Mr. Shyam Bihari Litoriya
 Mother's Name : Mrs. Kiran Litoriya
 Permanent Address : A-60 , Dhanvantari nagar extension Rajendra nagar Indore (M.P.) 452012
 Present Address : ATS 1-I-56, JUET campus Raghogarh AB Road Guna (M.P.) 473226

DECLARATION

All the information furnished by me here under is correct to the best of my knowledge and belief.

Dr. Ratnesh Litoriya