# Bio-Data

**Personal Details :**

**Name : Dr. Mrs. Manali Makarand Kshirsagar**

**Date of Birth :** December 11, 1970

**Address :**

**Communication :** Plot No.1, Flat No.105, Prabhu Poornima Apartment,

Nelco Society, Jaitala Road, NAGPUR - 440 022

**Permanent Home :** 56, Shri Gajanan Apartment, Bhausaheb Surve Nagar,

Jaitala Road, NAGPUR - 440 022

**Telephone :** 0091 - 9764996481

**E-mail :** manali\_kshirsagar@yahoo.com

**Present Employer :** Rajiv Gandhi College of Engineering and Research,

 Nagpur

**Languages Known :** English, Marathi, Hindi (Spoken & Written)

**Educational Qualifications :**

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| **Degree/ Diploma** | **Specialization** | **Year** | **Institution/ University** | **Division** |
| M.B.A. | Marketing and Finance  | 2013 | DMIMS, RTM Nagpur University | First  |
| Ph.D.  | Computer Science & Information Technology  | 2009  | Sam Higginbottom Institute of Agriculture, Technology & Sciences (DU), Allahabad (U.P.) | NA |
| Master of Engineering | Computer Science & Engineering | 2001 | Badnera College of Engineering, Amravati University, Amravati (M.S.) | First |
| Bachelor of Engineering | Computer Technology | 1992 | Yeshwantrao Chavan College of Engineering, Nagpur University, Nagpur (M.S.) | First |
| Diploma in Engineering | Computer Technology | 1989 | Shri Datta Meghe Polytechnic, Nagpur, Board of Technical Examinations, Mumbai (M.S.) | First |
| Secondary School Certificate (SSC) | -- | 1986 | M.S. Board of Secondary and Higher Secondary Education, Nagpur Divisional Board, Nagpur (M.S.) | 29th in the order of Merit |

**Ph.D. Details:**

Title of the thesis submitted for the award of Ph.D. (Comp. Sci. & Engg):

**“A Data Mining Strategy to Explore Cotton Genome – An Integrated Approach to Gene Prediction”**

Research Laboratory for carrying out work was **‘Central Institute for Cotton Research (CICR)’, Nagpur (M.S.)**

**Post-Graduation Details:**

Seminars Presented:

1. Knowledge Acquisition 3. Computer Vision Systems

2. Object Oriented Analysis 4. Firewalls

Title of the thesis submitted for M.E. (Comp. Sci. & Engg.):

**“Designing Data Warehousing Strategy with Special Reference to The Vidarbha Premier Co-operative Housing Society Limited, Nagpur”**

**Experience Summary:**

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| **Description** | **Years** | **Job Responsibilities** |
| Experience Related to Educational Organization and Industry  | 30 | * Teaching and Administration(Head of the Institution, As a Faculty Member, Head of Department and Dean, Students Activities)
* Vice President (Academy)at ADCC Infocad Ltd.
* Strategic Advisor, Ceinsys Tech. Ltd.
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| **Year** | **Institution** | **Designation** | **Subjects Taught**  |
| April 2017 till date Since July 2000 till April 2017  | Rajiv Gandhi College of Engineering and Research, Nagpur Yeshwantrao Chavan College of Engineering, Nagpur (M.S.)(An autonomous institution)On Deputation as Principal in SDMP, Nagpur  | Principal Professor Deptt. Of Computer Technology The department runs UG, and PG courses)Head, Department of Technology Enhanced Learning(Group level)Member Secretary,Software Evaluation Committee(Group level)Deputy Director,International Relations Office(Group level) | **--****PG subjects**Advanced operating systems, Data mining, Data Warehousing, Algorithms for Bioinformatics, Wireless Sensor Networks Semantic Web and Social Networks, Information Retrieval Systems **UG Subjects**Operating Systems, Database Management Systems, Data Warehousing & Mining, Design Analysis of Algorithms, Design Principles of Programming Languages |
| 1994-2000 | Priyadarshini Polytechnic, Nagpur (M.S.) | Sr. Lecturer and Head, Department of Computer Technology (Addl. Charge) | Data Structures, OOPS Theory, UNIX, Database Management System, Systems Analysis & Design |
| 1993-1994 | Priyadarshini College of Engineering, Nagpur (M.S.) | Programmer/Lecturer | Data Structures |
| 1992-1993 | Computer Point, Nagpur (M.S.) | Associate Systems Engineer | Database & Other Software Packages |

**Industry Experience :**

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| --- | --- | --- |
| **Name of the Industry**  | **Designation**  | **Profile**  |
| **ADCC Infocad Ltd.**  | **Vice President (Academics)**  | **SPOC for IIIT, Nagpur (ADCC is industry partner in IIIT, Nagpur)** **Design of various trainings, Smart city****Business intelligence**  |
| **Ceinsys Tech.Ltd.**  | **Strategic Advisor**  | **CMMI Level 3 – services and development certification** **Coordinator for Bentley- Ceinsys Center of Excellence**  |

**Additional Experience as a Visiting Faculty and Consultant :**

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| --- | --- |
| **Name of Institution** |  **Subjects/Area**  |
| Institute of Management Technology (IMT), Katol Road | Database Management Systems |
| PAMAC (Franchisee of Newport University, USA for its MBA Program), Nagpur (M.S.) | Computer Methods in Business, Management Information Systems |
| TULEC (A TATA Group of Companies), Nagpur (M.S.) | C Programming, System Analysis & Design |
| Gangadhar Infotech Pvt. Ltd., Tilak Nagar, Nagpur  | As a consultant for s/w development Projects and training domain |

**Awards/Certificates/Honors/Recognitions etc.:**

1. Certificate of Merit in Secondary School Certificate (SSC) Examination
2. Scored highest marks in English in SSC
3. Second in the order of Merit in Diploma in Computer Technology in Maharashtra State
4. Honored as Chairperson of Jury of the Technical Paper Presentation at State Level Student Chapter Convention of ISTE
5. Certified Lead Auditor for QMS ISO 9001:2000 of TUV, Germany
6. Awarded Certificate of Excellence by Nagar Yuwak Shikshan Sanstha
7. Elected Member of Local Managing Committee, Nagpur Local Center of Computer Engineering Division of IE(I).( 2004-06, 2006-08, 2012-14, 2014-16)
8. Invited as Jury of the Technical Paper Presentation at National Level sponsored by AICTE-ISTE, SPARK 2005
9. Won the first prize in group presentations competition held in the workshop on “Interactive Teaching Methods”, organized by Deptt. of Civil Engg., YCCE, Nagpur
10. Awarded Certificate of Excellence for contribution towards achieving quality in Engineering Education by IUCEE
11. Invited as a Judge for Inter Xavier’s Declamation, Personality and Poem Recitation Competition
12. Received a Certificate of Appreciation for organizing Blood Donation Camps at YCCE by Govt. Medical College & Hospital, Daga Hospital, IGMC, Nagpur
13. Invited as Judge for the Web Designing Contest organized by GHRCE, Nagpur
14. Received a letter of appreciation from Principal, YCCE for good performance and students feedback
15. Received a letter of appreciation from Principal, YCCE for commendable work as Head of the Department
16. Received a letter of congratulations for Very Good Grading in the Annual Progress Report
17. Elected as a Member of Board of Directors of NYSS Credit Co-operative Society
18. Invited as a Chair for the Bioinformatics Session conducted in International Conference organized by GHRCE, Nagpur in 2008
19. Invited as a Chair for the Software Engineering Session conducted in International Conference organized by GHRCE, Nagpur in 2009
20. Appointed as Member on Board of Studies of faculty of MCA, GHRCE, Nagpur
21. Approved Supervisor/Guide for guiding Ph.D. and M.E. by research students of RTM Nagpur University
22. Invited to chair students function and deliver keynote address in SRP college of Engineering, Nagpur
23. Invited as a Judge for National level paper presentation competition in JIT, Nagpur
24. Invited to chair technical session in National Conference on “Recent developments in the Mathematics, Statistics and Computer science “ organized by Dr. Ambedkar College, Nagpur
25. Invited as resource person in Research Methodology workshop conducted at Rungta College of Engineering, Bhilai, Chattisgarh
26. Invited as resource person in AICTE-ISTE approved STTP organized by IT department, YCCE
27. Invited as Subject expert on staff selection committees of JD College of Engineering, Tulsiram Gaikwad Patil College of Engineering, GHRCE, Nagpur, SDMP, Nagpur
28. Invited as subject expert for Ph.D. Progress seminars at GHRCE, Nagpur
29. Invited as External examiner for M.Tech. project evaluation at Prof. Ram Meghe College of Engineering and Technology, Sipna College of Engineering affiliated by Amravati University and GHRCE, Nagpur
30. Invited to chair students function and deliver keynote address in Dr. Babasaheb Ambedkar College of Engineering and Research, Nagpur
31. Invited as resource person in the national level workshop on Research Methodology organized by Tulsiramji Gaikwad College of Engineering and Technology, Nagpur
32. Mentor for PG programme in Computer Science and Engineering of Tulsiramji Gaikwad College of Engineering and Technology, Nagpur
33. Invited as Technical Session Chair for national conference TACIT-2012 organised by SVPCE
34. Invited as a keynote speaker for the release of international journal of Computer, IT and Bioinformatics, online e-journal, ISSN 2278-7593
35. Appointed as Member on Advisory Board of Studies of Department of Computer Science , MIT, Alandi
36. Invited as Panelist in SRCEM, Nagpur for Panel Discussion on the theme “Higher Learning and Research through Industry Participation”
37. Invited as Chief Guest for the inaugural function of one week STTP on “Digital Signal Processing”, PIET, Nagpur
38. Invited as keynote speaker in international conference organized by IIIT, Pune
39. Invited as keynote speaker in international conference organized by TGPCET, Nagpur
40. Invited as Jury member for Innovative projects competition jointly organized by DTE and GHRCE, Nagpur under E-mission of Maharashtra State

**Seminars/Conferences/Workshops Attended:**

1. Participated in ISTE-STTP on MATLAB applications in engineering
2. Attended International Conference, organized by NCST on “Knowledge Based Computer Systems”
3. Participated in National Workshop on “Content Development and Standards in e-Learning”, organized by ESCI, Hyderabad
4. Attended National Symposium on “Bioinformatics: Applications and Emerging Technologies”, organized by IETE , Nagpur
5. Attended two days National Seminar on “OpportunIT”, organized by NASSCOM
6. Participated in four days training programme for Community Services, organized by Govt. Polytechnic, Nagpur
7. Participated in the workshop on “Customer Relationship Management Technologies”, organized by ESCI, Hyderabad
8. Participated in a three days workshop on “Cyber Laws”, organized by VNIT, Nagpur
9. Participated in the MDP on “Management Capacity and Vision Development”, organized by Welingkar’s Institute of Management Development & Research, Mumbai
10. Participated in a three days workshop on “Train the Trainers”, organized by ACTS-India, Mumbai
11. Participated in a two days workshop on “Breakthrough Methodology for SIX SIGMA Implementation”, organized by Quality Systems Dynamics, Nagpur
12. Participated in one week STTP on “Recent Trends in Database and Data Mining”, conducted by Shri Sant Gajanan Maharaj College of Engineering, Shegaon
13. Completed a five days Project Management Program, organized by Asian Institute of Management, Philippines
14. Participated in the one week workshop on Curriculum Innovation, organized by IUCEE at Infosys, Mysore
15. Participated in the one week workshop on “Database Management and Security”, organized by IUCEE at Infosys, Mysore
16. Participated in three days workshop on “Effective Teaching: Outcomes Based Education, Effective Faculty Development”, organized by IUCEE at Infosys, Mysore
17. Visited US universities as a member of the delegation comprised of nominees from private engineering colleges in India
18. Attended four days workshop “Mission 10x”, organized by Wipro
19. Attended Industry-Institute meet organized by Infocepts, Nagpur
20. Attended Develothon, an outreach programme organized by IBM, India and also won the active participant’s award
21. Completed a 3 –day training on soft-skills designed by Dale Carnegie School
22. Attended 16th International Conference on Management of Data organized by VNIT, Nagpur
23. Attended one day symposium on Academic Excellence Challenges & Opportunities organized by DTE and GHRCE, Nagpur
24. Attended a 5-day Campus Connect Faculty development programme organized by Infosys, Pune
25. Attended a one day international workshop on Indo-Czech Synergy programme organized by GHRCE, Nagpur
26. Attended a seminar on Cloud Computing organized by IBM, India
27. Attended a one day workshop on “Emotional Intelligence- a natural gift to women” organized by NHRD, Nagpur
28. Attended second World Summit on Accreditation on ”International Recognition of Educational Qualifications” organized by National Board of accreditation at New Delhi during 8-10th March 2014
29. Attended two day training programme on “Gain and Retain Customers” by Mr. Shiv Khera
30. Attended International Conference on “Transformations in Engineering Education” organized by IUCEE at Bangalore during 6-8 January 2015
31. Attended 5 day workshop on Creative Learning organized by IIT, Gandhinagar in Janury 2019

**Professional Experience:**

1. Worked as Head of the Department, Computer Technology, Priyadarshini Polytechnic, Nagpur, for six years
2. Worked as Officiating Principal of Priyadarshini Polytechnic, Nagpur
3. Experience in setting up and developing computer laboratories
4. First hand experience in computing the gradation of institute/s as per the norms and standards prescribed by AICTE/State Govt.
5. Worked on Academic Monitoring Committees of Board of Technical Examinations, Mumbai in the capacity of Chairperson
6. Experience in preparation of project reports for continuation of affiliation, additional courses, new institutes and additional intake
7. Awareness of the procedures, formats of BTE/AICTE/University
8. Worked for seeking NBA Gradation for the Department of Computer Technology, YCCE in the capacity of Head of the Department and the Department has been awarded with accreditation for the duration of five years and three years consecutively
9. Worked on Mock Accreditation Committees constituted for NBA Accreditation
10. Worked towards getting ISO 9001:2000 certification for the organization
11. Worked as Head of the Department of Computer & Information Technology in YCCE, Nagpur and also as Dean for Students Activities in YCCE, Nagpur
12. Worked as a Chairperson of Board of Studies of Information Technology & Computer Engineering Board, RTM Nagpur University
13. Editor of R&D Monthly Magazine “DHYAAS”, published by the Department of Computer & Information Technology, YCCE, Nagpur
14. Worked as a Group Co-ordinator for the Software Group in ‘Innovations 2003’, a Technical Project Competition, organized by The Institution of Engineers, Nagpur Chapter
15. Worked as an Organizing Chair of a National Level Project Competition and Exhibition, **‘Compufest’**, a three days mega event of the Department/College
16. Regularly work as an Organizer of the Staff Development Program for the newly inducted faculty members of the College/Department
17. Worked as an Organizer of **‘YCCEFEST’**, YCCE’s weeklong techno-cultural extravaganza
18. Worked as an Organizer of AICTE funded NBA Awareness Workshop
19. Worked as an Organizer of AICTE funded National Level Conference under Industry Institute Interaction for the enrichment of technical education
20. Could receive a grant of @ Rs.5 lacs for organizing different activities such as Staff Development Program, Short Term Training Program, National Level Conference and Workshops
21. Could receive a grant worth Rs. 10 lacs under MODROBS scheme of AICTE
22. Worked as Co-ordinator of ISTE STTP on “Computer and Internet Applications for Effective Teaching”
23. Worked as Co-ordinator of ISTE STTP on “Data Warehousing and Data Mining”
24. Worked as Co-ordinator of ISTE STTP on “Developing Bioinformatics Computer Skills”
25. Worked as Mentor for the sister institutions under the umbrella of Meghe Group of Institutions
26. Worked as Chairperson and Member of the Departmental Academic Audit Committees for YCCE and also the sister institutions under the umbrella of Meghe Group of Institutions
27. Worked as Deputy Director, International Relations Office, Meghe Group of Institutions
28. Worked as a Member of Unaided Engineering Colleges IUCEE Regional Center at Pune
29. Worked as Co-ordinator for the Faculty Development Programme on IBM-DB2
30. Worked as Co-ordinator for the Faculty Development Programme on Linux OS
31. Working as a Member Secretary of Software Evaluation Committee of Meghe Group of Institutions
32. Worked as Single Point of Contact for IBM’s Centre of Excellence at Y.C.C.E., Nagpur
33. Worked as Chairperson, Board of Studies of Computer Technology, YCCE, Nagpur
34. Contributed towards autonomy related work of the college like formation of statutory, non-statutory bodies, academic regulations, examination manual etc.
35. Worked as member of Academic Grievance Redressal Committee
36. Worked as Chairman of Result Review and Moderation Committee
37. Regularly work as member of selection committee for appointment of faculty members.
38. Regularly work as member on Local Enquiry Committee for continuation of affiliation, grant of research center, new PG programmes etc.
39. Worked as DTEL Coordinator for the Meghe Group of Institutions
40. Working as a Ph.D. Supervisor of RTM Nagpur University
41. Worked towards procurement of MIS for YCCE and looked after its deployment
42. Worked for TEQIP I and TEQIP II projects of World Bank
43. Was instrumental in signing MOU’s with US Universities (UMASS, Lowell, MSU, Lansing, ASU, Phoenix, MIT, Boston, USC, Los Angeles, Purdue, Indianapolis)
44. Worked as coordinator for WIPRO Mission 10X Faculty empowerment Program
45. Organized three days training programme for faculty members on “Engineering Education using Labview” organized by National Instruments, Bangalore
46. Instrumental in execution of Campus Connect programme for students designed by Infosys
47. Worked on the Self Assessment Report of the new NBA format (version May 2011)
48. Worked as a Mentor/Auditor for accreditation of sister institutions
49. Organized an International Conference on Innovations and Trends in Applied computing in the capacity of General Chair during 1-3 February 2012 at YCCE, Nagpur in association with University of Hartford, Connecticut, US
50. Worked as AAKASH in Education Coordinator with IIT, Bombay
51. Instrumental in starting ACM Nagpur Chapter
52. Worked as Vice –chair of ACM Nagpur chapter
53. Worked as Chair of CSI Nagpur Chapter
54. Organized an International workshop on “Effective Academia Leadership Strategies..A Global Perspective in association with Segi University, Kuala Lumpur, Malaysia at Malaysia during 12-14 December 2013
55. Worked as Vice- Chair of CSI Nagpur Chapter
56. Worked as BoS member of MIT, Alandi
57. Working as BoS member of SVPCE, Nagpur
58. Worked as member NLC, IEI(Nagpur)
59. Working as BoS member of IIIT, Nagpur
60. Worked as Director of International Relations Office, MGI, Nagpur
61. Working as Programme Director of “The Kalam Impact”, Signature Faculty Development Programme of Meghe Group
62. Elected member of IE(I) Maharashtra State from Computer Engineering Division
63. Worked for seeking NAAC gradation for the institute

**Membership of professional societies and positions held in local chapters :**

* Fellow of Institution of Engineers(India)
* Life Member of Indian Society for Technical Education(New Delhi)
* Vice-chair of CSI Nagpur Chapter
* Elected Member of IE(I) Maharashtra State Center

**Guest Lectures Delivered:**

1. **Role of Emotional Intelligence in Career Development** at Government Polytechnic, Nagpur, Priyadarshini College of Engg., Nagpur
2. **Introduction to Data Warehousing and Mining** at College of Engg. Badnera
3. **Career Opportunities in Bioinformatics** at KDK College of Engg., Nagpur
4. **Guest Lecture on** **Bioinformatics** at SPCP, Nagpur
5. **Advanced Trends in Networking** in the STTPorganized by RPCE, Nagpur
6. **Effective Teaching Through Curriculum Innovation** at K.K. Wagh Institute of Engineering Education and Research, Nashik
7. **E-learning** during the training programme for Assistant Professors and Professors of Engineering and Pharmacy Colleges under TEQIP, YCCE
8. **Learning Styles and Bloom’s Taxonomy** at RKNEC, Nagpur
9. **Role of IRO** at SDMP, Nagpur
10. **Operating System Fundamentals** at JDIT Yavatmal
11. **Pervasive Business Intelligence** atIBM Industry Institute Interaction Program
12. **Types of loader and their Design** atDMIETR Wardha
13. **Query Optimization** at DMIETR, Wardha
14. **Database Management Systems and Data Warehousing** at JD College of Engineering, Nagpur
15. **Attributes of Successful Engineer recommended by NAE** at SRP College of Engineering, Nagpur
16. **Data Mining in Bioinformatics** in one week STTP on Applications of Soft Computing Techniques in Data Mining, IT department, YCCE, Nagpur
17. **Application of Data Mining** at DBACER, Nagpur
18. **Process Management concept and CPU scheduling** at DBACER, Nagpur
19. **Virtual Memory Implementation using Demand Paging** at DBACER, Nagpur
20. **Research problems in the area of Data Mining** at Rungta College of Engineering, Bhilai, Chattisgarh
21. **Use of e-learning material for effective teaching and Blooms Taxonomy** at Faculty Induction Programme, YCCE , Nagpur
22. **ABET Engineering properties** at DBACER, Nagpur
23. **Research methods for computer science** at TGPCET, Nagpur
24. **Clustering and classification** at PIET, Nagpur
25. **Data mining and Bioinformatics** at GHRCE, Nagpur
26. **Using Big Data for Smarter Decision Making** at release of International Journal issue
27. **Research Methodology** at PR Patil College of Engineering, Amravati
28. **Bioinformatics in Pharmacy** at SPCP, Nagpur
29. **Data Mining and Bioinformatics** at PIET, Nagpur
30. **Research Issues in Wireless Sensor Networks** at PIET , Nagpur
31. **Computer Networks** at Raisoni College of Engineering, Jalgaon
32. **Networks Administration** at Raisoni College of Engineering, Jalgaon
33. **Wireless Sensor Networks** at Raisoni College of Engineering, Jalgaon
34. **Big Data** at MIT, Alandi
35. **RTOS and Embedded Systems** at DBACER, Nagpur
36. **Data Mining and Bioinformatics** at PES COE, Aurangabad
37. **Research Methodology** at Poornima University Jaipur
38. **Big Data Analytics** at SVPCOE, Nagpur
39. **Pervasive Computing** at AGPCOE, Nagpur
40. **Gain and Regain Customers** at ADCC, Nagpur
41. **10 Data Mining Challenges** atGNIEM, Nagpur
42. **Application of Computers** at PCE, Nagpur
43. **How to make effective presentations** at PCE, Nagpur
44. **Value your Data** atTGPCOE, Nagpur
45. **Practical applications of Data warehouses and Data Mining** at DBACER, Nagpur
46. **Pervasive Computing and Smart City** at IIIT, Pune
47. **Policy Framework and Quality improvement** at TGPCET, Nagpur
48. **Outcome based education in Engineering** at MGI, Nagpur
49. **How to attain POs** at MGI, Nagpur
50. **Autonomy preparations** at MIT Alandi
51. **Big Data and Business Intelligence** at GH Raisoni Institute of Engineering and Technology

**List of Technical Paper Publications:**

1. “Role of Information Technology in Increasing Organizational Efficiency”, National Seminar at Amity Business School, Gudgaon, Haryana, Page no. 145-151 of the conference proceeding
2. “Internet, an Effective Tool For Quality Teaching”, Eighth Annual ISTE convention of Maharashtra and Goa Section on “Value Based Quality Engineering Education - A call of Time”, at J.T. Mahajan College of Engg., Faizpur, Jalgaon, 15-16th September 2003, Page no. 48-52
3. “Digital Divide and the Third World”, 19th National Convention of Electronics & Telecommunication Engineers, at Institution of Engineers(I), Bihar State Centre, Patna, 29-30 November 2003, Page no. 1-13 of the proceeding
4. “Role of Information Technology for Rural Development”, 33rd Annual ISTE Convention & National Seminar at Kumarguru College of Technology, Coimbatore, 27-30 December, 2003, Page no. 708-719
5. “Role of Information Technology for Rural Employment”, ISTE sponsored State Level Conference, Umred College of Engineering, Umred, 16-17 January 2004, abstract on page no. 96
6. “Emerging Technology in Audio Communication: Targeted Sound”, National Conference at Institute of Engineering and Technology, Bhaddal, Ropar, 31Oct- 01 Nov 2003
7. “Ethics in IT”, National Seminar at Amity Business School, Gudgaon
8. “Introduction To Situation Adaptive Process Control”, National Conference at Baba Bada Singh College of Engg., Fatehgarh, Punjab on 21st and 22nd May 2004
9. “Knowledge Acquisition – An Important Step in Designing Expert System”, National Seminar, AWCE-2004, organized by IE(I) and Y.C.C.E., Nagpur
10. “Bioinformatics and Its Applications“, Paper selected in International Conference, organized by Deptt. of Botany, Amravati University, Amravati
11. “Phylogenetic Evolution”, Paper selected in International Conference, organized by Deptt. of Botany, Amravati University, Amravati
12. “Bioinformatics Tools and Its Applications”, Paper selected in National Conference on Bioinformatics Computing, organized by Thapar Institute of Engg. and Technology, Patiala, Punjab
13. “Biodiversity Informatics”, Paper selected in National Conference on Emerging Trends in Plant Taxonomy, organized by Deptt. of Botony, RTM Nagpur University, Nagpur
14. “A Data Mining Strategy for Exploring Cotton Genome - An Integrated Approach to Gene Prediction”, Paper selected in International Conference SPIT-IEEE Colloquium 2007-08 Mumbai, February 4-5, 2008
15. "Data Mining Strategy for Gene Prediction with Special Reference to Cotton Genome", Paper selected in 2008 ICGI Research Conference, Anyang, China
July 8-11, 2008
16. "Data Mining Strategy for Gene Prediction with Special Reference to Cotton Genome", Paper selected in 2008 ICGI Research Conference, Anyang, China
July 8-11, 2008. Also published in Cotton Science International Journal
17. Grammar Checking System using Rule Based Morphological Process for an Indian Language 4th International Conference on Recent Trends in Computing, Communication & Information Technologies (ObCom2011), Vellore, India, organized by “School of Computing Science & Engineering ,VIT University, Vellore,Dec,9-11, 2011
18. Sentiments analysis for movie Review, National Conference On Recent Developments in Mathematics, Statistics, Computer Science And Their Application, Dr..Ambedkar College , Deekshabhoomi, Nagpur Dec,2-3,2011
19. Parts of Speech Tagging and Disambiguation by Harmonic Search Approach National Conference On Information & Communication Technology-2011, NYSSCER, Nagpur Dec,23-24,2011
20. Sentiment Analysis using hybrid approach involving Rule Based & Support vector Machines Approach International organization of scientific research Journal of Engineering Jan 2012
21. Mobile Customer behavior analysis to strategize marketing policies for telecom operators International Conference on Innovations and Trends in Applied Computing ,YCCE Nagpur,1-3,Feb 2012 (Best Paper)
22. Word Sense Disambiguation: A Maximum Entropy Approach International Conference on Innovations and Trends in Applied Computing ,YCCE Nagpur,1-3,Feb 2012
23. Normalization of Microarray data mining differentially expressed genes using significance analysis of micro array International Conference on Innovations and Trends in Applied Computing ,YCCE Nagpur,1-3,Feb 2012 (Best Paper)
24. Expressed sequence tag clustering algorithms –a computational overview International Conference on Innovations and Trends in Applied Computing ,YCCE Nagpur,1-3,Feb 2012 (Innovative paper)
25. Application of intelligent instance level constraints in road map refinement International Conference on Innovations and Trends in Applied Computing ,YCCE Nagpur,1-3,Feb 2012
26. Design of an intelligent approach for intrusion detection in adhoc wireless network, International Conference on Innovations and Trends in Applied Computing ,YCCE Nagpur,1-3,Feb 2012
27. Data Collection Privacy protocol with k-anonymity framework in multirelational databases: Theoretical analysis, IFRSA International Journal of Data Warehousing and Mining, Vol 1, Issue 1, August 2011
28. Adding Domain Knowledge in terms of Pair-wise Instance Level Constraints, in Clustering to refine Road Map, IOSR Journal of Engineering, Vol 2, Issue 2, February 2012
29. Role of permutations in significance analysis of microarray and clustering of significant microarray gene list, International Journal of Computer Science Issues, Volume 9, Issue 2, March 2012 , Impact factor 0.242
30. Information Theory to find co-expressed gene network for microarray gene expression, Journal of Signal and Image Processing, Bioinfo Publication, Vol 3, Issue 2, April 2012
31. A Review on 2D Gel Electrophoresis:A Protein Identification Technique, International Journal of Computer Science and Information Technologies, Vol. 5 (1) , 2014, 856-862, impact factor 2.93
32. Word Sense Disambiguation: A Maximum Entropy Approach, International Conference on Innovations and Trends in Applied Computing, YCCE, Nagpur, 1-3, Feb 2012, 455-458
33. Word Sense Disambiguation: A modified Maximum Entropy Approach, 4th International Conference Confluence 2013, 26-27 Sept. 2013. The Next Generation Information Technology Summit on the theme S. M. A. C. (Social, Mobile, Analytics, and Cloud), Amity University, U.P. Paper is published by **IET digital library.** **Also available on IEEE Explorer.** **EMC2** 10.1049/cp.2013.2302 , 110-114
34. Word Sense Disambiguation using modified Maximum Entropy Approach, Oct 18-19, 2013 in Mumbai India, CIIT 2013, 3rd International conference on Computational Intelligence and Information Technology, **This paper is published by Elsevier,** Print media, 278-282
35. Syntactic Analyzer using Morphological Process for a Given Text in Natural Language for Sense Disambiguation, 25-26 September 2014, 5th International Conference- Conﬂuence The Next Generation Information Technology Summit (Conﬂuence 2014) The paper is available on IEEE Explorer.(978-1-4799-4236-7/14/$31.00 , 2014 IEEE), 911-914
36. Application of Rule Based Approach to Word Sense Disambiguation of Marathi Language Text, 19-20 March 2015, IEEE Sponsored & DRDO Sponsored2nd International Conference on Innovations in Information Embedded and Communication systems (ICIIECS) 2015., The paper is published by IEEE Digital Library & available on IEEE Explorer.Print ISBN: 978-1-4799-6817-6 DOI:10.1109/ICIIECS.2015.7193146, 710-714
37. Resolving Ambiguity in Marathi Language Text: A Rule based Solution, 13 September 2015, 10th International Conference on Computer Science and Information Technology (ICCIT 2015) Pune ISBN: 978-93-85225-45-1, 6-10
38. A loom for revealing selfish and malicious node in cluster based ad hoc wireless networks, 11-13,March 2015, Print ISBN: 978-9-3805-4415-1 370-375, IEEE Xplorer
39. Mitigating packet dropping problem and malicious node detection in ad hoc wireless networks, 16-18 Nov, 2015, Print ISBN 978-81-322-2693-2 Online ISBN 978-81-322-2695-6 317-328, Springer
40. Cluster head selection and Intrusion  detection in Wireless Ad hoc Networks, 2-5 December, 2015, Advances in Intelligent Systems and Computing 388-396, Springer
41. Design of an Intelligent Approach for Intrusion Detection in Ad-hoc Wireless Networks, 3-4 Feruary, 2014, pp. 384-353
42. A Secure Intrusion Detection System in Ad hoc Wireless Network, November 2015, Volume 3, No. 11, E-ISSN: 2321-9637 8-13 IJRAT
43. A Collaborative Approach for malicious node detection in Ad hoc Wireless Networks, June 2015, ISSN 0970-647X , 28-31, Computer Society of India
44. Algorithmic cluster based approach for intrusion detection in ad-hoc wireless networks, ISSN: 0974-3588 ISSN: 0974-3588 27-32 AES, January 2012
45. Survey On Modeling Methods Applicable To Gene Regulatory Network , International Journal Of Bioinformatics And Biosciences, Vol 3, No. 3, September 2013
46. Methods Used For Identification Of Differentially Expressing Genes From Microarray Gene Data Set : A Review, International Journal Of Bioinformatics And Biosciences Vol. 6 No. 1 , March 2016
47. Modeling Of Gene Regulatory Network Using Bacteria Foraging Optimization, Second International Conference On Emerging Research In Computing, Information Communication And Application, Elsevier , 2014, Bangalore, India
48. Imputation Of Missing Gene Expression For DNA Microarray Using Particle Swarm Optimization , Second International Conference On Computer And Communication Technologies , AISC Series Springer Vol 381, 2016, Hyderabad , India
49. Effective Congestion Indication for Performance Improvement of Random Early Detection, International Journal of Innovative Technology and Exploring Engineering (IJITEE), July 2013, Vol. 3, Issue-2, Impact factor 3.76
50. Effect of Load and Threshold Variation on Performance of RED: Random Early Detection, International Journal of Science and Research (IJSR), June 2015, Vol-4, Issue-6 , impact factor 6.39
51. Effective Utilization of Router Buffer by Threshold Parameter Setting Approach in RED, International Journal of Computer Application,IJCA (0975-8887), Nov. 2015 Vol.130-No. 13, impact factor 3.15

**Responsibilities at Meghe Group of Institutions level :**

* Director, International Relations Office
* Head of Department for Technology Enhanced Learning(DTEL)
* Member Secretary, Software Evaluation Committee
* Director of NYSS Credit Co-operative Society
* Member Secretary, Advisory Board, ADCC Infocad Ltd.
* Single point of contact for IIIT, Nagpur from ADCC Infocad Ltd.
* Project Director, The Kalam Impact – Faculty Development Program

**Industry Experience as Vice President (Academy) :**

**Related to ADCC Academy Pvt. Ltd.**

* Framing policies for Varsity admissions, ATC admissions, HR Policy and HR policy for varsity faculty, defining KRAs of Center heads, center coordinators, team members , setting targets , designing MIS formats etc. for the systematic and smooth operations
* Organized First International event of ADCC Infocad at Malaysia with SEGI University on Global leadership – branding of ADCC and MGI at international level
* ADCC Franchisee operations
* Tender Cell formation (won two tenders worth @ 1.75 Cr for ADCC Infocad Ltd.)

**Related to ADCC Infocad Ltd.**

* Initiated and successfully completed CMMI Level 3 appraisal while taking consistent efforts for almost one and a half years, related to services domain for which I had no background. This was a completely cross domain activity.
* ADCC becoming CMMI Level 3 company, will help it in bidding high value tenders in services where being non-CMMI company was becoming disqualifier.
* End-to-end coordination for IIIT Nagpur – right from preparing DPR – detailed project report which was as also adopted by Pune IIIT and submitted to MHRD by state government, maintain all the correspondence and coordination with involved government departments including MHRD, Department of Higher and Technical Education, Mantralaya, Regional Office of Joint Director, Nagpur, Collector office, Nagpur, Revenue Office etc. as well as TCS, Mumbai
* Pursued IIIT Nagpur activity till the approval stage and after that extending all the support to Government as and when required.
* MATLAB training to reimburse money invested in credits
* Formation of ADCC’s Advisory Board
* Worked on and invested time in exploring productization of software developed during the course of implementation of WTC and WQM projects
* Was part of team at ADCC who interacts with Gartner to discuss initiatives which ADCC wants to take.
* Worked as Smart City group member
* Member of CII Vidarbha Zone – Member of CII- IT Forum, Convenor of Skill Development Task force
* Contribute as panelist in the panel discussions held by CII Vidarbha zone .
* Received Business Incubator/Host Institution approval from MSME under my leadership.

 **(Dr. Mrs. Manali Kshirsagar)**