Curriculum Vitae

Dr.DESHMUKH RATNADEEP RAGHUNATHRAO
Director/Principal ICEEM. Chh Sambhajinagar

Adjunct Professor, Former Professor & Head,
Visiting Professor, Southern Federal University,
Rostov, Russia
Department of Computer Science & I. T.,
Dr. Babasaheb Ambedkar Marathwada University,
Aurangabad-431004 (MS) India.

1. Personal Details:

Resi. Address	: "VAN-LAKXMI", D-8, Shevanti Type, Tirupati Park, N-4, CIDCO, AURANGABAD. PIN: 431 003.
Contact	: +91-9423147466, 7588061755
Email	: rrdeshmukh.csit@bamu.ac.in,ratnadeep_deshmukh@yahoo.co.in
Date of Birth	: 09 TH May 1963	Sex : Male
Nationality	: Indian	Marital Status: Married
Languages Known	: English, Hindi, Marathi
Website	: http://www.drratnadeep.in/
YouTube Chanel	: https://www.youtube.com/c/RatnadeepDeshmukh

2. Educational Qualifications:

Sr.no	Qualification	University	Grade obtained
1	Ph.D.	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	Topic: "Contribution to some Problems in Operations Research with Special References to Transportation"
2	M.E. (CSE)	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	A
3	M.Sc. (CSE)	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	A

3. Teaching and Administrative Experience: 34.01 Years

3.1 Positions Held

Positions	Organization	Period	Nature of Work
Principal/ Director.	International Centre of Excellence in Management & Engineering, Waluj, Chh Sambhajinagar	05/06/2024 To till Date	Administrative, Teaching and Research
Principal	Sant Ishwar Singh Arts, Commerce,	June 2023 To	Administrative, Teaching

	Science, College, Aurangabad	4/6/2024	and Research
Professor	Department of Computer Science & I. T., Dr. B. A. M. University, Aurangabad.	March 2013 to May 2023	Teaching and Research
Professor & Head	Department of Computer Science & I. T., Dr. B. A. M. University, Aurangabad.	Aug 2014 to Aug 2017	Administrative, Teaching and Research
Associate Professor	Department of Computer Science & I. T., Dr. B. A. M. University, Aurangabad.	March 2007 to March 2013	Teaching and Research
Director	Navjeevan Institute of Management, Nashik	February 2006 to March 2007	Teaching, Research & Administration
Director	VIASMSC, Aurangabad	March 2004 to 25 Feb 2006	Teaching, Research & Administration
Principal, (Additional Charge)	M.I.T. Polytechnic, Aurangabad	August 2001 to Feb 2004	Teaching, Research & Administration
Lecturer	M.I.T. College of Engineering, Aurangabad	April 1992 to Feb 2004	Teaching and Research
Coordinator	Yashwantrao Chavan Maharashtra Open University (Y.C.M.O.U), Nashik	Academic Year 2003-04	Coordination of YCMOU-MIT Courses run at College(B. Tech, Diploma)

4. Research Contribution:

4.1 Student Guided

Sr.no	Course Name	Awarded	Working
1	Ph.D.	20	08
2	MPhil	18	02
3	M.Tech	26	01

4.2 Research Projects Ongoing/Completed

Sr.no	Title	Sponsored by	Amount	Status
1	Rajiv Gandhi Science and Technology Commission	Govt. of India	Rs. 50,000,00/-	Ongoing
2	महाराष्ट्र राज्य मराठी विश्वकोश निर्मिती मंडळ, महाराष्ट्र शासन, for development of Marathi Vishvakosh in the subject of InformationTechnology and Computer Science.	MaharashtraGovt.	Rs.9,60,000/-	Ongoing
3	DST-FIST support for Hyper Spectral ImageAnalysis of RS and GIS (2013-20).	DST	Rs.1,22,00,000/-	Completed

4	"Perception and Modelling of 3 Dimentional Scense" (2017-18).	Global Initiative of Academic Networks (GIAN),Program	Rs.6,49,931/-	Completed
5	Development of Database and Automatic Recognition System for Continuous Marathi Spoken Language for Agriculture Purpose in Marathwada Region	UGC	Rs. 13,61,454/-	Completed
6	Development of Marathi Emotional SpeechDatabase for Marathwada Region	University-UGC	Rs. 10,000/-	Completed
		Total	**Rs.2,01,81,385/-**	

4.3 Publications

Sr. No.	Publication Particulars	Detail
1	Patents	11 (06: Awarded; 05 Published)
2	Copyrights	08 : Published
3	Book Published	15
4	Book Chapters	01
5	Magazine Article	15
6	International/National Journal	150
7	International Conferences	118
8	National Conferences	21
	Total Publication	339

5. Significant Positions:

5.1 University Level:

1. **Management Council Member**, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (From August 2011 to September 2014).

2. **Chancellor's nominated Member** of the Senate, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (September 2005-2010).

3. **Senate Member**, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (2011-2014).

4. **Member**, Academic Council, Dr. Babasaheb Ambedkar Marathwada University,

Aurangabad Since 2018.

5. **Chairman**, Board of Studies in Computer Science and Engineering, Dr. B. A. M. University, Aurangabad Since 2018.

6. **Chairman**, Ad-hoc Board of Computer Science& IT, Dr. B.A. Marathwada University, Aurangabad (2011-2016).

7. **Chairman**, Ad-hoc Board of Bio-informatics, Dr. B. A. Marathwada University, Aurangabad (2013-2015).

5.2 State Level Position:

1. **समन्वयक,** महाराष्ट्र राज्य मराठी विश्वकोश निर्मिती मडळ**,** महाराष्ट्र शासन for developmen of Marathi Vishvakosh in the subject of Information Technology and Computer Science. (From17th May 2017).

2. **Subject Expert**, Computer Science, MPSC, Mumbai Since 2018.

3. **Member**, Ad-HocBoard of Studies in Computer Engineering, Mumbai University, Mumbai (From June 2012).

4. **Member**, Ad-HocBoard of Studies in Computer Science, SRTMU University, Nanded Since 2021.

5. **Member**, Ad-HocBoard of Studies in Computer Science, Savitribai Phule Pune, University, Pune Since 2017.

6. **Member**, Board of Study Computer Science, Solapur University, Solapur (Since December 2010).

7. **Member**, Board of Study Computer Engineering, Mumbai University, Mumbai (2012-2015).

8. **Subject Expert**, Research Recognition Committee, Gondwana University, Gadchiroli.

9. **Member**, Research & Recognition Committee in Computer Science and Engineering, Faculty of Science and Technology, Dr. B. A. M. University, Aurangabad (Since 2011).

5.3 National Level Positions

1. **Chairman, Coordinator, Peer Review Team Member**, National Assessment and Accreditation Council (NAAC), Banglore, Karnataka, Since 2019.

2. **Member**, All India Board of Information Technology Education, (AIB-ITE) to prepare model curriculum for MCA programme.

3. **Member**, Technical Committee at All India Council for Technical Education (AICTE), New Delhi (February 2011).

4. **Sectional President**, ICT Section, The Indian Science Congress Association, 2019.

5. **Coordinator**, Global Initiative of Academic Networks (GIAN), Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. (From October 2016).

6. **Governing Council Member**, Institute of Electronics and Telecommunication Engineering, New Delhi Since 2021.

7. **Editor In Chief**, Computer Society of India (CSI), Mumbai Since 2019.

5.4 International Positions

1. **Member**, Curriculum Advisory Board for the Master in Data Science Programme, Namibia University of Science and Technology, Namibia.

2. **Member**, Program Committee (PC), O-COCOSDA2020, hosted by University of Computer Studies, Eyangol (UCSY) and O-COCOSDA2021 organized by hosted by Chinese and Oriental Languages Information Processing Society (COLIPS) and National University of Singapore (NUS) since 2017 to 2022.

3. **Publication and Publicity Chair** for 2nd International Conference on Deep Learning, Artificial Intelligence and Robotics (ICDLAIR) 2020, Italy.

4. **Member**, Technical Programme Committee(TPC), International Conference on DSMLAI-2021, 2022 Organized by Namibia University of Science and Technology, Namibia.

6. Awards:

1. Received One Month Fellowship under the **Research Excellence Program USC - India (PEIN-Fellow)**. The fellowship was granted by the University of Santiago de Compostela, Spain.

2. Won **First** prize in Inter University State Level Research Festival **"AVISHKAR - 2009"** under H. L. F. A. category at Teacher level and for the Team Management.

3. Won **First** prize in Inter University State Level Research Festival "AVISHKAR - 2009" for the Team Management.

4. Received **"Best Teacher Award"** Award 2017 for Outstanding Excellence and Remarkable Achievement in the field of Teaching, Research and Publication from IRDP Group of Journal, Chennai, India

5. Received "BHARATRATNA MOTHER TERESA GOLD MEDAL" Award 2015 for

extraordinary meritorious person for outstanding service in various fields – Health, Education, Research, Industry and Social Service to strengthen India's Unity and economic development from GEPRA, New Delhi.

6. Profile published **32nd Edition of Marquis Who's Who** in world 2014 for his meritorious services, outstanding performance and remarkable role in the field of Education andComputer Science.

7. Govt. of India, Ministry of Science & Technologies Department of Science & Technology has sanctioned complete travel grant for attending 18th Oriental **COCOSDA** (International Committee for the Coordination and Standardization of Speech Database and Assessment Techniques) /CASLRE Conference, organized by Shanghai Jiao Tong University, Shanghai, China.

8. Dr. Babasaheb Ambedkar Marathwada University, Aurangabad has sanctioned Rs. 30,000 (Fifty thousands) financial assistance grant to attend the **18th Oriental COCOSDA** (International Committee for the Coordination and Standardization of Speech Database and Assessment Techniques) /CASLRE Conference, organized by Shanghai Jiao Tong University, Shanghai, China.

9. Achieved International Scientist Awards on Engineering Science and Medicine has award Outstanding Scientist Award.

10. Recognition at World Scientist and University Ranking 2021.

7. Other Significant Contributions:

Sr.no	Particulars		Total
1	Events Organized	**International**	07
		National	06
2	Chair Person		20
3	Invited Lectures/ Keynote Speakers		30
4	Conferences/Symposiums/Workshops Attended		55

8. Invited /Keynote Lectures:

1. Invited talk on Election Awarness program conducted by Department of Computer Science and IT, Dr. Babasaheb Ambedkar Marathwada University, Chh. Sambhaji Nagar(19 Apr 2024, Aurangabad).

2. Resource Person at 5 Days Online International Multidisciplinary Conference on COVID-19 Changes in Social, Culture, Economical, Commercial, Educational, Literary and Science and Technology Scenario organized by D. N. Bhole College, Bhusawal held on 17 August 2020

3. Resource Person at Faculty Development Program (FDP) organized by Vivekanand

Indian Society, Institute of Technology Mumbai, In Association with CSI on "Research Directives in Security and Computation Intelligence" on 03 August 2020

4. Resource Person at Faculty Development Program (FDP) used of ICT in learning process organized by Indraraj Arts, Commernce and Science College on 25 May 2020

5. Chief Guest at "National Webinar on IRS and Indian Patent Filing System" organized by Swami Vivekanand College, Mantha, Jalna (MS) on 09 June 2020

6. Keynote Speaker at "International Virtual Conference on opportunities and Challenges in Computer Science after COVID-19" organized by Dayanand College of Arts and Science, Solapur (MS) on 29 June 2020

7. Keynote Address at online International Scientific and Technical Conference:"Computer and Information Technologies in Science, Engineering and Management" "ComTech-2019" organized by Ministry of Education and Science Russia, Southern Federal University, Russia and Leibniz University ofHannover, Germany during 17-19 June 2020 at Southern Federal University, Taganrong, Rostov, Russia.

8. Invited Talk at 107th Indian Science Congress at University of Agricultural Sciences, January 2020.

9. Keynote Address at International Scientific and Technical Conference:"Computer and Information Technologies in Science, Engineering and Management" "ComTech-2019" organized by Ministry of Education and Science Russia, Southern Federal University, Russia and Leibniz University ofHannover, Germany during 4-8 June 2019 at Southern Federal University, Taganrong, Rostov, Russia, supported with Travel grant and local hospitality of Two weeks by host uinversity.

10. Invited Talk at Int. Conference on Science, Engineering and Technology (ICSET-2019) organized by STAMI, Tashkent, Uzbekistan

11. Keynote Address and session chair at INDIACom-2019, International Conference on "Computing for Sustainable Global Development March 2019, New Delhi.

12. Presidential Address at 106th Indian Science Congress at LPU, Jalandhar Punjab, January 2019.

13. Keynote address at 2nd National Conference on Innovations and Development in Computational and Applied Science at MIT Arts, Commerce and Science College, Pune

14. Invitee Lecture at National Seminar on "Future India-Science and Technology"at Guru Nanak College, Guru Nanak Salai, Velechery Chennai, TN

15. Key Note Address at Pre Science Congress Conference at Kanpur Chapter, Kanpur, India

16. Key Note Address in 2nd International Conference on Emerging Trends in Computer Science, Communication & Information Technology, Nanded, India 9-11, Feb-2015

17. Resource Person for All India Council for Technical Education, New Delhi (IIPC Cell) sponsored one week short term training program for teachers on

18. "Innovative Instructional Tools: Use of Software" organized by GovernmentCollege of Pharmacy, Aurangabad on 16 April 2012.

19. Staff Academic College, Amravati University, Amravati.

20. Staff Academic College, Dr. B. A. M. University, Aurangabad.

21. Key Note Address in Two Days workshop on "Multicore Technology" organized by IETE Aurangabad Chapter and M.I.T. College, CIDCO, Aurangabad.

22. Employment Information & Guidance Bureau, Dr. B. A. M. University, Aurangabad

23. M.I.T. College of Information Technology, Aurangabad.

24. Government Polytechnic, Aurangabad.

25. Dr. G. Y. Pathrikar College of Computer Science & Information Technology, Aurangabad (25 Feb 2012).

9. Technology Known:

9.1 SOFTWARE:

- ❖ TRNSLATORS
  COMPILERS (LANGUAGES): C $^{++}$, Pascal (Up to Ver 7.0), FORTRAN.INTERPRETER   : BASIC
- ❖ OPERATING SYSTEMS: DOS (Up to Ver7.0), UNIX, Windows-98, Windows-2000, Windows-XP.

9.2 PACKAGES   : FoxBASE, FoxPro, Clipper, PageMaker 6.0,
                                  Ms-office, Lotus, Wordstar-7.0, AUTOCAD.
9.3 HARDWARE   : Familiarity with 386, 486, Pentium,
                                  LAN Interfacings.

10.Various Positions at University Level:

1. **Principal Coordinator**, DST-FIST program, Department of Computer Science and IT, Dr. B. A. M. University, Aurangabad.

2. **Member,** Advisory Committee, UGC-SAP-DRS-Phase I& II, Government of India, sanctioned top Department of Computer Science and IT, Dr. B. A. M. University, Aurangabad.

3. **Member**, Research & Recognition Committee in Computer Science and Engineering,

Faculty of Science and Technology, Dr. B. A. M. University, Aurangabad (Since 2011).

4. **Member**, National ExeComm Nomination Committee, Computer Society of India (CSI), Mumbai.

5. **Chairman**, the Institution of Electronics & Telecommunication Engineers (IETE) Centre, Aurangabad. (From 2014 to 2018).

6. **Member**, Selection Committee for UGC CAS at S.R.T.M. University, Nanded.

7. **Chairman**, Purchase Committee of SCOPUS Database, Knowledge Resource Center, Dr. B. A. Marathwada University, Aurangabad (since 2014).

8. **Member**, Editorial Advisory Board, ISCA journal, 'Everyman's Science'.

9. **Member**, CSI Best Award Thesis Committee,2018.

10. **Member**, Expert Visit Committee, AICTE, New Delhi

11. **University Coordinator**, I-MADE Program, of Dr. B. A. M. University, Aurangabad (Since 2015).

12. **Member**, Departmental Research Council(DRC), Department of Computer Science and IT, Dr. B.A.M. University,Aurangabad

13. **Member**, Scrutiny and Selection committee of Endress+Housser, Late R.N. Bagla and ShriGovindbhaiShroff Scholarship, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (From 2016,2017).

14. **Member**, University-Industry Interaction for Faculty, Research Scholars & Students, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad(From April 2016)

15. **Member**, Advisory Committee, Reservation Cell, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad,(From June-2017)

16. **Sectional Member (West Region)**, Indian Science Congress Section of Information and Communication Science and Technology (Including Computer Science & Library Science)

17. **Member**, Technical Committee at All India Council for Technical Education (AICTE), New Delhi (February 2011).

18. **Member**, Grievance Redressal Committee,AICTE New Delhi Since 2013 for the all affiliated Colleges under the Faculty of Engineering, Pharmacy, Management & Architecture, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (2012-13).

19. **Vice-Chairman**, the Institution of Electronics & Telecommunication Engineers (IETE) Centre, Aurangabad (2012 - 2014).

20. **Observer**, Maharashtra State Eligibility Test for Lecturers (SET) (2010-2011).

21. **Member of the Academic Council**, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. (2005-2010).

22. **Member**, Faculty of Management Science, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (2005-2010).

23. **Member of, Committee constituted under section 32(5)(a)**, Dr. Babasaheb Ambedkar Marathwada, Aurangabad (From 2013)

24. **Member**, Academic Audit Committee for various departments, Dr. B. A. Marathwada University, Aurangabad (2012-13).

25. **Member of Committee**, Finalization of Affiliation Fees for Various UG/ PG Courses in affiliated colleges at Dr. B. A. Marathwada University, Aurangabad (September 2012).

26. **Member**, ShulkNirdharan Committee for various UG/PG Courses at Dr. B. A. Marathwada University, Aurangabad and Sub-Center, Osmanabad. (2012-13).

27. **Member**, of Committee Constituted for Computer Science & Engineering, to design and prepare syllabus of SE (CSE), Dr. B. A. Marathwada University, Aurangabad (2012-13).

28. **Member**, of Anti Ragging Committee, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (From August 2012).

29. **Member of the Senate**, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (From June 2005 to September 2005).

30. **Member of the Senate**, Marathwada University, Aurangabad (since 1987-88).

31. **Recognized Research Guide** in the subject of Computer Science & Information Technology in the faculty of Engineering and Technology, Dr. B. A. Marathwada University, Aurangabad (Since 2009).

32. **Recognized Research Guide** in the subject of Computer Science & Information Technology in the faculty of Science, Dr. B. A. Marathwada University, Aurangabad (Since 2009).

33. **Coordinator/Member AVISHKAR** organization committee at University Levelfrom 2010 to 2015.

34. **Team Manager** AVISHKAR 2009 and 2010.

35. **Chairman/Member**, Permanent Affiliation Committees to Various Colleges of Dr. B. A. M. University, Aurangabad (2007-10).

36. **Chairman/Member**, Pre-affiliation Committee for establishment of new colleges of Dr. B. A. M. University Aurangabad (2007-08).

37. **Member**, Purchase Committee, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (From November 2011).

38. **Member**, Technical Committee as per Common Account Code, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (2012-13).

39. **Chairman**, Students Council Election Committee, Dr. B. A. M. University, Aurangabad (Since October 2011).

40. **Chairman**, University Guest House/Canteen Committee, Dr. B. A. M. University, Aurangabad (Since February 2012).

41. **Chairman**, University Girls/Boys Hostels Committee, Dr. B. A. M. University, Aurangabad (Since November 2011).

42. **Member**, Vidyarthi Sahayya Nidhi Committee, Dr. B. A. M. University, Aurangabad (From February 2012).

43. **Paper Setter/Examiner**, for Ph.D. course work examination 2011, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

44. **Chairman,** for Ph.D. Entrance Test 2012, in the subject of Computer Science and Engineering in Faculty of Engineering, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (2012).

45. **Member**, for Ph.D. Entrance Test 2012, in the subject of Computer Science and Information Technology in Faculty of Science, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (2012).

46. **Member**, for Ph.D. Entrance Test 2012, in the subject of Management Science in Faculty of Management Science, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (2012).

47. **Paper Setter/Examiner**, for Ph.D. course work examination 2011, Swami Ramanand Teerth Marathwada University, Nanded.

48. **Member of Experts panel** to evaluate the Ph.D. candidates in Computer Science at S. R. T. Marathwada University, Nanded (Since 2008).

49. **Member of Experts panel** to evaluate the M. E. (C.S.E) candidates at Mumbai University, Mumbai (Since 2008).

50. **Member of Experts panel** to evaluate the Projects for M.B.A. course at Yashwantrao Chavan Maharashtra Open University (Y.C.M.O.U), Nashik.

51. **Invited Member**, for P.B.A.S (Performance Appraisal System for direct Recruitment & for CAS), Dr. B. A. M. University, Aurangabad (2011-12).

52. **Member**, Purchase of Steel Furniture Sub Committee, Dr. B. A. M. University,

Aurangabad (From February 2012).

53. **Member**, Purchase of Sports equipment's Committee, Dr. B. A. M. University, Aurangabad (From February 2012).

54. **Invited Member**, Faculty of Engineering & Technology, Dr. B. A. M. University, Aurangabad (2012-13).

55. **Member**, Advisory Committee, Sub-Center, Dr. B. A. M. University, Osmanabad (Since November 2011).

56. **Member**, Security Agency Committee, Dr. B. A. M. University, Aurangabad (Since January 2012).

57. **Member**, Late. Vasantrao Kale Swabhiman (Earn & Learn) Yojna Committee, Dr. B. A. M. University, Aurangabad (From October 2011).

58. **Member**, Advisory Committee, Special Assistant Program at the level of Departmental Research Support (DRS) Phase-I, Department of Computer Science & IT,Dr. B. A. M. University, Aurangabad(Since2009).

59. **Member**, Research & Recognition Committee in Faculty of Engineering, Computer Science & Engineering, Dr. B. A. M. University, Aurangabad (Since 2011).

60. **Member**, Research & Recognition Committee in Faculty of Science, Computer Science & Information Technology, Dr. B. A. M. University, Aurangabad (Since 2011).

61. **Member**, Student Facility Centre Inauguration Committee, Dr. B. A. M. University, Aurangabad (April 2012).

62. **Member**, Selection Committee for Accounts Officer, Administrative Officer and Junior Engineer, Dr. B. A. M. University, Aurangabad (March 2012).

63. **Member**, Local Governing Council, College of Social Welfare run by Dr. B. A. M. University, Aurangabad ().

64. **Member**, as a University representative on Governing body for various Engineering & Management Colleges affiliated to Dr. B. A. M. University, Aurangabad.

65. **Member**, E-Mail Complaint System Committee, Dr. B. A. M. University, Aurangabad (Since February 2011).

66. **Chairman**, e-Convocation Enquiry Committee, Dr. B. A. M. University, Aurangabad (From February 2012).

67. **Member**, Implementation and Operation of University Campus Wide Secured Wi-Fi infrastructure committee, Dr. B. A. M. University, Aurangabad (Since September 2012)

68. **Member of Committee** to revise the Syllabi of M. Sc.(Comp. Sci.) & M. Sc.(I.T.) at Dr.

B. A. Marathwada University, Aurangabad(2007-08).

69. **Recognized Post-Graduate Teacher** in the subject of Computer Science at Dr. B. A. Marathwada University, Aurangabad (Since 2000).

70. **Chairman/Senior/Paper Setter/ Examiner** for M.Sc. (Information Technology) at Dr. B. A. M. University Aurangabad (Since 2007).

71. **Paper Setter/Examiner** for M. Sc. (Computer Science), & B. Sc. (Computer Science), Dr. B. A. M. University Aurangabad (Since 2007).

72. **External Examiner** for Computer Programming Lab (Degree-III Sem.), Maharashtra Institute of Technology, IGNOU Study Centre, Aurangabad.

73. **Paper Setter/Examiner** for M. Sc. (Computer Science), M. Sc. (Information Technology) at Amravati University, Amravati.

74. **Paper Setter/Examiner** for M. Sc. (Computer Science), Swami Ramanand Teerth Marathwada University, Nanded since 1997.

75. **Chairman/Senior/Paper Setter/ Examiner** for M.C.A./M.C.M./B.C.M./B.C.A./D.C.A. at Dr. B. A. M. University Aurangabad (Since 2007).

76. **Paper Setter/Examiner** for M.B.A. Yashwantrao Chavan Maharashtra Open University (Y.C.M.O.U), Nashik.

77. **Senior External/Internal Examiner** for the Practical Examination of B. Tech/Diploma for Yashwantrao Chavan Maharashtra Open University (Y.C.M.O.U), Nashik since 1999-2000.

78. **Chairman/Member**, Local Enquiry Committees (L.E.C.) for affiliation to Various College of Dr. B. A. M. University, Aurangabad.

79. **Member, Re-moderation/Moderation**, Re-counting Verification of cases of B. Sc.(CS)/M. Sc.(CS & IT), F.E. to B.E. Dr. B. A. M. University, Aurangabad.

11. Visited Foreign Countries:

1. Visited **University of San Carlos (Talamban Campus) Cebu City, Philippines** for presenting the paper and Chaired the Session at **22nd Oriental COCOSDA (International Committee for the Coordination and Standardization of Speech Database and Assessment Techniques)** /CASLRE Conference, Organized by the Computing Society of the Philippines – Special Interest Group on Natural Language Processing (CSP SIG-NLP), National University (NU), and University of San Carlos (USC).

2. Visited **Southern Federal University, Russia** for Keynote Address at International Scientific and Technical Conference: "Computer and Information Technologies in Science, Engineering and Management" "ComTech-2019" organized by Ministry of

Education and Science Russia, and Leibniz University of Hannover, Germany.

3. Visited **Tashkent, Uzbekistan** for Invited Talk at Int. Conference on Science, Engineering and Technology (ICSET-2019) organized by STAMI,

4. Visited University of Santiago de Compostela, Spain under the **Research Excellence Program USC - India (PEIN)**. The Scholarship granted by the University of Santiago de Compostela for one Month.

5. Visited Shanghai, China for presenting the paper at **18th Oriental COCOSDA (International Committee for the Coordination and Standardization of Speech Database and Assessment Techniques)** /CASLRE Conference, organized by Shanghai Jiao Tong University, Shanghai, China.

6. Visited Bangkok, Thailand for presenting the paper at Fourth International Conference on Intelligent Systems, Modeling and Simulation (ISMS 2013) organized by Kasetsart University, Bangkok, Thailand.

7. Visited University of **Washington Seattle, WA, USA** during 23 May to 14 June 2015.

12. Events Organized:

1. Convenor, International Web Conference on "**IMPACT OF COVID-19 ON EDUCATION SYSTEM**" Organized by Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, MS, India In Association with Computer Society of India, Wikimedia India and IETE 30th May, 2020

2. Convenor, 2nd International Conference on Cognitive Knowledge Engineering **(2nd ICKE-2016)** 21-23Dec 2016.

3. Course Coordinator, MHRD Supported one week GIAN course entitle "Perception and modelling of Three Dimensional Scenes" conducted during 04th December to 10th December 2017.

4. Convenor, National Workshop on Data Warehousing and Data Mining **(NWDWDM-2010)**, 25-27 Feb 2010.

5. Convenor, IEEE International Conference on Knowledge Engineering **(ICKE-2011)** 29-31 Jan 2011.

6. Member, Advisory Committee, Two days National Conference on Recent Trends in Computer Applications (NCRTCA-2010) at Department of Management Science, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (MS) (17-18 February, 2010).

7. Member, Advisory Committee, UGC Sponsored National Conference on Interface Between Statistics and other Sciences **(NCISS-2012)** organized by Department of Statistics, Dr. B.A.M. University, Aurangabad, during Feb 24-25, 2012.

8. Member, Advisory Committee, UGC Sponsored National Workshop on Exploratory Statistical Data Analysis Using Statistical Software's **(NWESDASS-2012)** organized by

Department of Statistics, Dr. B.A.M. University, Aurangabad during Feb 22-23, 2012.

9. Member, Advisory Committee, UGC Sponsored National Seminar on Recent Developments in Operations Research and their Applications (Under UGC-SAP-DRS-I) Organized by Department of Statistics, Dr. B. A. M. University, Aurangabad during February 22-23, 2013.

13. Editor/Reviewer/Program Committee Member for National/International Journals/Conferences:

1) **Editor-in-Chief,** CSI Journal of Computing, India, Since 2019.

2) **Guest Editor**, CSI Communication India,2018.

3) **Reviewer** for The 20th Annual Conference of the International Speech Communication Association INTERSPEECH 2019 | Graz, Austria, Sep. 15-19, 2019.

4) **Reviewer** for The 3rd International Conference on Recent Trends in Image Processing & Pattern Recognition (RTIP2R), Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharashtra state, INDIA on January 03-04, 2020,

5) **Reviewer** for 6th IEEE International Advance Computing Conference (IACC - 2016) 27-28 February 2016, S R K R Engineering College, Bhimavaram, Andhra Pradesh, India

6) **Editor-in-chief** for proceeding of International Joint Conferences on CNC 2013 and CSEE 2013 (Feb 22-23, 2013) organized by ACEEE and published by Springer. (**ISSNPrint: 1867-8211**)

7) **Editor-in-chief** for proceeding of International Joint Conferences on CNC 2013 and CSEE 2013 (Feb 22-23, 2013) organized by ACEEE and published by IDES-CPS. (**ISSNPrint: 2214-1464**)

8) Advanced Institute of Convergence Of Information Technology's (AICIT)'s Advances in Sciences & Service Sciences (AISS) an International Journal of Research and Sciences. (**ISSN : 1976-3700)**

9) Open Access Journal Scientific Research and Essays **(SRE)**.

10) IEEE International Conference on Advances in Recent Technologies in Communication and Computing, ARTCom 2009.

11) Scientific Research Publishing Journal of Communications and Network which is an academic publisher of open access journals (**ISSN Print: 1949-2421**)

12) International Conference on Knowledge Engineering (ICKE-2011), Dr. B. A. Marathwada University, AURANGABAD. **ISBN-978-81-8487-123-4** Published by Narosa Publishing House, New Delhi.

13) **Editor-in-chief,** 2nd International Conference on Cognitive Knowledge Engineering (2nd ICKE-2016)21-23Dec 2016.

14) Advanced Institute of Convergence Of Information Technology's (AICIT) International Conference on Computer Science & Convergence Information Technology (ICCIT-2011).

15) Advanced Institute of Convergence Of Information Technology's (AICIT) International Conference on Next Generation Information Technology (ICNIT-2011).

16) Advanced Institute of Convergence Of Information Technology's (AICIT) International Conference on Next Generation Information Technology (ICCM-2013).

17) National Conference on Recent Trends in Computer Applications (NCRTCA-2010), Department of Management Science, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (MS) (17-18 February, 2010).

18) "Recent Trends in Library and Computer Science" the Proceedings of Two Days UGC Sponsored Seminar on Recent Trends in Library and Computer Science (17-18 Feb 2011) **ISBN-978-81-905495-6-3.**

14. MEMBERSHIPS / INVOLVMENT:

Sr. No.	As a Life Member/ Fellow	Detail
1	**Fellow Member of "The Institution of Electronics and Telecommunication Engineers" (FIETE)**	Membership No: F-1308668
2	**Fellow Member of "The Institution of Electronics and Telecommunication Engineers" (FIETE)**	Membership No.: F203171
3	**Life Member of CSI (Computer Society of India)** CSI is a professional body aiming to improve teaching and learning by organizing workshops, seminars and paper publications.	Membership No.: 00100518
4	**Life Member of "The Indian Society for Technical Education" (ISTE)**	Membership No.: LM30049
5	Senior Member of **"Association of Computer Electronics and Electrical Engineers" (ACEEE)**	Membership No.: 7000408
6	Member of **International Association of Engineers (IAEng)**	Membership No.: 108351
7	Member of **"Computer Science Teachers Association" (CSTA)**	Membership No.: 2060900
8	Member of **"IEEE"**	Membership No.: 91195256
9	Life Member of **"Indian Science Congress Association" (ISCA)**	Membership No.: L18872
10	Life Member of **"Institute of Doctors Engineers and Scientists" (IDES)**	Membership No.: 1027
11	Full Member of "**International Speech Communication Association (ISCA)**"	Membership No: 17664
12	Life Member of **"Indian National Cartographic Association**"	Membership No: LM2980

15. PUBLICATIONS: 329

15.1 Patents: 10

1) Australian Patent File – Application No. 2021102976 (Granted)
2) German Patent File – Application No. 202022100596 (Granted)
3) South Africa Patent File– Application No. 2022/08617(Granted)
4) Indian Patent File - Application No. 201721019076 (Published)
5) Indian Patent File - Application No. 201721042194 (Published)
6) Indian Patent File - Application No.201821037901(Granted)
7) Indian Patent File – Application No. 202221002889 (Published)
8) Indian Patent File – Application No. 202121052164 (Published)
9) Indian Patent File – Application No. 2058 (Published)
10) Indian Patent File – Application No.202321006863A (Granted)
11) Indian Patent File – Application No. 411620-001(Granted)

15.2 Copyrights: 08

1) Gov. of India Copyright office – Registration No: SW-14635/2021 (Published)
2) Gov. of India Copyright office – Registration No: SW-14758/2021 (Published)
3) Gov. of India Copyright office – Registration No: SW-14829/2021 (Published)
4) Gov. of India Copyright office – Registration No: SW-15159/2021 (Published)
5) Gov. of India Copyright office – Registration No: SW-16902/2023 (Published)
6) Gov. of India Copyright office – Registration No: SW-16918/2023 (Published)
7) Gov. of India Copyright office - Registration No: 16485/2021-CO/SW (Filled)
8) Gov. of India Copyright office - Registration No: 28575/2021-CO/SW (Filled)

15.3 Details of Book Published: 15

1) Developed and edited the book of **Quantitative Techniques** as study material for B.B.A. Course at Yashwantrao Chavan Maharashtra Open University (Y.C.M.O.U), Nashik. (Academic year 2013-14)

2) Developed and edited the book of **Financial Mathematics** as study material for B.B.A. Course at Yashwantrao Chavan Maharashtra Open University (Y.C.M.O.U), Nashik. (Academic year 2013-14)

3) **Editor-in-chief** for proceeding of International Joint Conferences on CNC 2013 and CSEE 2013 (Feb 22-23, 2013) organized by ACEEE and published by Springer. (**ISSNPrint: 1867-8211**)

4) **Editor-in-chief** for proceeding of International Joint Conferences on CNC 2013 and CSEE 2013 (Feb 22-23, 2013) organized by ACEEE and published by IDES-CPS. (**ISSNPrint: 2214-1464**)

5) Editor, the book, "**Knowledge Engineering"** the Proceedings of International Conference on Knowledge Engineering (ICKE-2011).

ISBN-978-81-8487-123-4 Published by Narosa Publishing House, New Delhi.

6) Editor, the book, "**Recent Trends in Library and Computer Science"** the Proceedings of UGC Sponsored Two Days State Level Seminar on Recent Trends in Library and Computer Science (17-18 Feb 2011). ISBN-978-81-905495-6-3

7) Developed and edited the book of **Quantitative Techniques**as study material forB.B.A. Course at Yashwantrao Chavan Maharashtra Open University (Y.C.M.O.U),Nashik. (Academic year 2006-07)

8) Developed and edited the book of **Financial Mathematics** as study material for B.B.A. Course at Yashwantrao Chavan Maharashtra Open University (Y.C.M.O.U), Nashik. (Academic year 2006-07)

9) **R. R. Deshmukh**, B.M. Patil, R.S. Havinal, "**Concepts of C Programming**" published by Shri. LaxmiPrakashan, Aurangabad (June/July, 2005).

10) Editor, the book, "**Cognitive Knowledge Engineering"** the Proceedings of 2nd International Conference on Cognitive Knowledge Engineering (ICKE-2016).

11) Swapnil D. Waghmare, **Ratnadeep R. Deshmukh**, Babasaheb S. Sonawane,"**Recognition System for Stuttered Isolated Spoken Marathi Numeric Words**", Publisher: LAP LAMBERT Academic Publishing (November 27, 2017)Language: English, ISBN-10: 6202066334,ISBN-13: 978-6202066334 (Available on Amazon.com)

12) Sangeeta Kakarwal, **Ratnadeep R. Deshmukh** „Anil V. Turukmane "**Fundamentals of Soft Computing**",Publisher: LAP LAMBERT Academic Publishing (January 25, 2017) Language: English, ISBN-10: 3330034106, ISBN-13: 978-3330034105 (Available on Amazon.com)

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15) Jaypalsing N. Kayte, Dr. Ratnadeep R. Deshmukh, Dr. Charansing N. Kayte, "**Analysis of Cardiac MRI to recognize Cardiovascular disease by AST**", Scholar's Press, International Book Market Service Ltd, ISBN: 978-613-8-82748-1(Available on Amazon.com)

15.4 Book Chapters: 01

1) R. Gangwal, R. Deshmukh and M. Emmanuel, "**Big Data Predictive Analysis for Detection of Prostate Cancer on Cloud-Based Platform: Microsoft Azure**", in *Privacy and security policies in big data*, 1st ed., S. Tamane, V. Solanki and N. Dey, Ed. IGI GLOBAL PUBLICATION, 2017.(ISSN:1948-9730; eISSN: 1948-9749)

15.5 Magazine Article: 12

1) S. N. Kakarwal (Kurmude), Ravindra Babanrao Patil, D. V. Kurmude, R. R. Deshmukh, "**Semantic Web in Clinical Research: Review**", CSI Communication, Vol.44, Issue 2, May2020(ISSN: 0970-647X)

2) D.V. Kurmude, S.N. Kakarwal, R. R. Deshmukh, "**Smart Computing: An Integrated Approach of Computing**", CSI Communication, Vol.42, Issue 12, March 2019(ISSN: 0970-647X)

3) Rashmi Ratnakar Bhal, Ratnadeep R. Deshmukh, "**Mammography: Awareness and Prevention**", CSI Communication, Vol.42, Issue 12, March 2019(ISSN: 0970-647X)

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15.6   Details of Research Papers Published: 283

I) Paper Published in International/National Journal: 150

1) Malkauthekar MD, Gulve AK, Deshmukh RR, Edla DR, **"Liver Cancer Classification Using Single Pass Neural Networks Based on Ultrasound Images: A Review"**, Wireless Personal Communications, Vol.130, Issue 1 pp.241-68, May 2023.

2) Chudaman Sukte, R. R. Deshmukh and Emmanuel M., **"Modified Elliptic Curve Cryptography Model for Personal Health Record Sharing in Cloud with Trust Valuation"**, IJCSNS International Journal of Computer Science and Network Security (WoS), VOL.22 No.1, January 2022, pp.592-601.

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8) Anjana N. Ghule, Ratnadeep R. Deshmukh, **"Wavelength selection and classification of hyperspectral non-imagery data to discriminate healthy and unhealthy vegetable leaves"**, CURRENT SCIENCE, VOL. 120, NO. 5, pp. 936-941, 2021

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17) Pawar RG, Ghumbre SU, Deshmukh RR, Kolhe KR, "**A Hybrid Approach towards Improving Performance of Recommender System Using Matrix Factorization Techniques**", International Journal of Future Generation Communication and Networking,Volume 13, Issue 4, pp.467-77, 2020.

18) Sapkal S, Kakarwal S, Deshmukh RR, "**Template Security of Multimodal Biometric System with Face and Fingerprint Images using Fuzzy Vault Method**",CSI Journal of Computing, Volume 3, Issue 3, pp.36-40,2020.

19) Waghmare VB, Deshmukh RR, Janvale GB, "**Emotions Recognition from Spoken Marathi Speech Using LPC and PCA Technique**", New Trends in Computational Vision and Bio-inspired Computing: Selected works presented at the ICCVBIC 2018, Coimbatore, India, pp.81-88, 2020.

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22) Patil R, Chaudhari K, Kakarwal SN, Deshmukh RR, Kurmude DV, "**Analysis of Facial Expression Recognition of Visible, Thermal and Fused Imaginary in Indoor and Outdoor Environment**" ,Internet of Things, Smart Computing and Technology: A Roadmap Ahead, pp.31-55, 2020.

23) Anjana Ghule, R. R. Deshmukh, Chitra GaikwadDistinguishing, "**Healthy and Infected**

Vegetable Crops using Hyperspectral Leaf Reflectance", CSI Journal of Computing, ISSN. 2277-7091, Vol. 03, No. 02, pp. 42-46, April-June 2020

24) Priyanka U. Randive, Ratnadeep R. Deshmukh, Pooja V. Janse, Rohit S. Gupta, **"Classification of Healthy and Diseased Cotton Plant by using Regression Techniques on Hyperspectral Reflectance Data"**, CSI Journal of Computing, ISSN. 2277-7091, Vol. 03, No. 02, pp. 8-11, 2020

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28) RG Pawar, Dr.S.U.Ghumbre, Dr.R.R. Deshmukh,"Visual Similarity Using Convolution Neural Network over Textual Similarity in Content- Based Recommender System", IJAST, ISSN. 2005-4238, Vol. 27, No. 1, pp. 137-147, 2019

29) Ashok R. Avachar, Shubhangi D. Sapkal, Ratnadeep R. Deshmukh, "Identifying Human Face under video surveillance using Machine Learning Technique",IJSDR, ISSN. 2455-2631, Vol. 04, Issue. 10, 2019

30) Rohit S. Gupta, Ratnadeep R. Deshmukh, Priyanka U Randive, Abdulla Omeer, **"Building Spectral Library of Soil Samples using Specroscopic Device and ENVI Software"**, IJRAR, ISSN. 2348-1269, Vol. 06, Issue. 06, pp. 392-396, 2019

31) Pooja Vinod Janse, Ratnadeep R Deshmukh, Priyanka U Randive, **"Vegetation Indices for Crop Management: A Review"**, IJRAR, ISSN. 2348-1269, Vol. 06, Issue. 06, 2019

32) Pratiksha P Shete, R R Deshmukh, Pooja V Janse, Bharti S Pawar, **"Mapping of Soil Organic Matter (SOM) using Hyperspectral Imaging and Non-imaging Data – A Review"**, IJREAM, ISSN. 2454-9150, NCRICE, 2019

33) Nikhil M Sapate, R R Deshmukh, Pooja V Janse, **"Spectral Discrimination of Healthy and Diseased Plants Using Non Imaging Hyper spectral Data – A Review"**, IJREAM, ISSN. 2454-9150, NCRICE, 2019

34) Akshay Kshirsagar, Ratnadeep R. Deshmukh, Pooja Vinod Janse, Jaypalsing N Kayte, **"Detection of disease from Chilly Plant Using Vegetation Indices"**, IJSE,7, pp.333-337, 2019

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37) Kanchan Sukhdev Kayande, Ratnadeep R Deshmukh, Pooja Vinod Janse, Jaypalsing N Kayte, **"Hyper spectral Analysis of Soil Iron Oxide using PLSR Method: A Review"**, IJFRCCE, ISSN. 2454-4248, Vol. 04, Issue. 02,pp. 337-341, 2018

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Count for Similarity, Duplicate and Substitution Detection in Web Mining: A Survey" in the Proceedings of IEEE International Conference on Knowledge Engineering (ICKE-2011), organized by Department of CS & IT, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. PP. 079-085 (ISBN: 978-81- 8487-123-4).

106) D. K. Kirange, A. M. Patil, R. R. Deshmukh, ShubhangiPatil, "**Recent Advances for Recognition of Faces in the Crowd**" in the Proceedings of IEEE International Conference on Knowledge Engineering (ICKE-2011), organized by Department of CS & IT, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. PP. 097-108 (ISBN: 978-81- 8487-123-4).

107) S. N. Kakarwal, V. R. Ratnaparkhi, R. R. Deshmukh, "**Diverse Classifier for Face Recognition**" in the Proceedings of IEEE International Conference on Knowledge Engineering (ICKE-2011), organized by Department of CS & IT, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. PP. 129-136 (ISBN: 978-81- 8487-123-4).

108) Aaron M. Oirere, Vishal Waghmare, Ganesh Janvale, Ratnadeep Deshmukh, "**Designing and Development of Speech Database – The Technical Review**" in the Proceedings of IEEE International Conference on Knowledge Engineering (ICKE-2011), organized by Department of CS & IT, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. PP. 145-148 (ISBN: 978-81- 8487-123-4).

109) PukhrajShrishrimal, Sunil Khillare, Vishal Waghmare, C. Namrata, R. R. Deshmukh, "**Comparative study of Credit Card Fraud Detection using HMM and Neural Network**" in the Proceedings of IEEE International Conference on Knowledge Engineering (ICKE-2011), organized by Department of CS & IT, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. PP. 311-315 (ISBN: 978-81- 8487-123-4).

110) S. N. Kakarwal, S. D. Sapkal, R. R. Deshmukh, "**Analysis of Retina Recognition by Correlation and Covariance Matrix**" in the Proceedings of IEEE Third International Conference on Emerging Trends in Engineering and Technology (ICETET10), organized by G. H. Raisoni College of Engineering, Nagpur & hosted by Birla Institute of Technology, Pilani-K K Birla Goa Campus, India, November 2010. PP. 496-499 (ISBN : 978-0- 7695-4246-1)

111) S. N. Kakarwal, R. R. Deshmukh, "**Wavelet Transform and Thresholding based Face Recognition**" in the Proceedings of International Conference on Artificial Intelligenceand Pattern Recognition (AIPR-2010), organized by ISRST, at FL, USA, pp 128-132, July2010. (ISBN: 978-1- 60651-015-5).

112) Supriya A. Ghadge, Ganesh B. Janvale, Ratnadeep R. Deshmukh, "**Speech Feature Extraction Using Mel-Frequency Cepstral Coefficient (MFCC)**",at the Emerging Trends in Computer Science, Communication and Information Technology, organized by YaswantMahavidyalaya, Nanded. (9-10 January, 2010).

113) Amol B. Salunke, SachinDeshmukh, Ratnadeep R. Deshmukh, "**Event Detection in Sports Video Game – A Review**",at the Emerging Trends in Computer Science, Communication and Information Technology, organized by YaswantMahavidyalaya,

Nanded. (9-10 January, 2010).

114) S. D. Sapkal, R. R. Deshmukh, "**Analysis of Retina Recognition by Correlation and SVD**",at the 2nd IEEE International Conference on Advances in Computer Vision and Information Technology (ACVIT-2009) organized by Department of Computer Science & IT, Dr. B.A.M. University, Aurangabad (December 16-19, 2009).

115) S. C. Tamane, R.R. Manza ,R.R.Deshmukh, "**3D Models Watermarking Using Fuzzy Logic**", at the International Conference on Advances in Computing, Control, and Telecommunication Technologies(ICACCTT 2009) organized by ACEEE, Trivandrum, Kerala, India (28-29 December 2009)

116) SangeetaKakarwal, MahanandaMalkauthekar, ShubhangiSapkal, Ratnadeep Deshmukh, "**Face Recognition Using Fourier Descriptor & FFNN**",at the IEEE International Advance Computing Conference (IACC 2009) organized by Thapar University, Patiala, IEEE Delhi Section & IEEE Computer Society Chapter Delhi Section (6-7 March, 2009).

117) Datta Sable, RatnadeepDeshmukh, "**ZigBee: Wireless Technology for Low-Power Sensor Networks**"at International Technical Symposium "Techno-millennium 2006" organized at M.I.T. Engineering College, Aurangabad (15-17 Sept. 2006).

118) RavindraDeshmukh, RatnadeepDeshmukh, "**Analysis of Process of Centre less Grinding Machine for Betterment of Production**",at the International Conference on "Operations & Quantitative Management" organized by AIMS (Association of Indian Management Scholars), INFOMS (International Forum of Management Scholars) and University of Rajasthan at Jaipur (3-5 August, 2006).

III) Papers Presented in National Conferences: 20

1) Devyani S. Kulkarni, Ratnadeep R. Deshmukh, Pukhraj P. Shrishrimal, Swapnil D. Waghmare, "**Speaker Recognition Techniques: A Review**", at 103rd Indian Science Congress Organized by University of Mysore, Mysore (03-07 Jan 2016)

2) Swapnil D. Waghmare, Ratnadeep R. Deshmukh, Pukhraj P. Shrishrimal, Devyani S. Kulkarni, Ganesh B. Janvale,"**Speaker Recognition Techniques: A Review**", at 103rd Indian Science Congress Organized by University of Mysore, Mysore (03-07 Jan 2016)Presented paper entitled "**Comparison of Kernel Based Classifier for Prostate Segmentation and Cancerous gland identification in Magnetic Resonance Imaging**" at National Conference on Innovations in IT and Management organized by Sinhgad Technical Education Society (STES), Sinhgad Institute of Management & Computer Application, Pune, (21 - 22 Feb 2014), ISBN No.978-81-927230-0-6:

3) Maheshkumar B. Landge, R. R. Deshmukh, P. P. Shrishrimal, R. R. Naik, "**A Review on Speech Analysis Methodso**" at National Conference on Recent Advances in Information Technology, Organized by Department of Computer Science and Computer Applications, School of Computational Sciences, Solapur University, Solapur. (15-16 Feb-2014)

4) Vishal B. Waghmare, R. R. Deshmukh, "**Development of Artificial Marathi**

Emotional Speech Database" at 101st Indian Science Congress organized by University of Jammu, Jammu. (03-07 Feb-2014)

5) Presented paper entitled "**Marathi Isolated Word Automatic Speech Recognition System based on Vector Quantization (VQ) Approach**" at 101st Indian Science Congress organized by University of Jammu, Jammu. (03-07 Feb-2014)

6) Anita G. Khandizod, R. R. Deshmukh, R. R. Manza, "**Wavelet-based image fusion and quality assessment of Multispectral Palmprint Recognition**" at the National Conference on Advances in Computing (NCAC-2013) organized by School of Computer Sciences, North Maharashtra University, Jalgaon (5-6 March 2013) ISBN No. 978-81-910591-7-5

7) RashmiBhale, Ratnadeep R. Deshmukh, "**Statistical View Towards Palm Print Recognition**" at National Conference on "Machine Learning (NCML-2012)" organized by Department of MCA, Siddhant College of Engineering, Pune. (15-17 March-2012).

8) Ganesh Janvale, Aaron M. Oirere, Vishal Waghmare, Ratnadeep Deshmukh, "**Designing of new proposed Technique for Lie Detection using EEG Signals**" at National Conference on "Computational Neuroscience (NCCNS-2011)" organized by Sinhgad Institute of Business Administration and Computer Application, Lonavala. (10-12 March-2011) ISBN-978-81-910118-9-0.

9) Amrita G. Purohit, Gauri O. Tiwari, C. Namrata Mahender, R. R. Deshmukh, "**Face Recognition System an PCA Approach**" at UGC Sponsored Two Days State Level Seminar on Recent Trends in Library & Computer Science organized by VasantraoNaikMahavidyalaya, Aurangabad. (17-18, February 2011).

10) R. R. Deshmukh, Vishal B. Waghmare, "**Bluetooth and Wi-Fi : Coexistence Issues and Solutions – Review**" at National Conference on "New Generation Wireless Communication Technologies" organized by IEEE Communication Society (Bombay & India Council Chapter) at L & T Institute of Technology, Bombay. (30-31 Oct-2009).

11) S. N. Kakarwal, R. R. Deshmukh, "**Face Recognition Using Probabilistic Neural Network**" at National Conference on "Recent Advances in Computers &Communications" organized by Vidyalankar Institute of Technology, Wadala (E), Mumbai, 400037. (29-30 Sept-2008).

12) SavitaLothe, RatnadeepDeshmukh, "**Reduction of Image Based on Self Organizing Feature Map**" at National Conference on "Emerging Trends in Information Technology" organized by Dept. of Information Technology, P. E. S. College of Engineering, Aurangabad (28-29 Jan-2008).

13) Datta Sable, R. R. Deshmukh, M. S. Joshi, "**V-Ring: An Application Level Multicast Protocol, and its Implementation**"National Conference sponsored by IEEE Bombay Section on "Recent Trends in Electronics and Information Technology (RTEIT-2006)"& organized at SRES College of Engineering, Kopargaon (28-29 July 2006).

14) RatnadeepDeshmukh, Datta Sable, "**Super Resolution: A Review**" at National Level Technical Symposium "Technomillennium 2005" organized by M. I.T.EngineeringCollege, Aurangabad (15-17 September, 2005).

15) R. R. Deshmukh, D. S. Sable, "**Bluetooth and Wi-Fi : Coexistence Issues and Solutions**" at National Conference on "Recent Trends in Computer & Communication Networking" approved by I.S.T.E. and organized by Dept. of Electronics & Telecomm. Engg., and Dept. of C. S. & Engineering and Dept. of I.T., Jawaharlal Darda Institute of Engineering & Technology, Yavatmal (2-3 July-2004).

16) R. R. Deshmukh, Datta Sable, "**Image Compression Techniques: A Review**" at National Conference on "Computer Communication and Security" organized by I.S.T.E. and Dept. of C.S. & I.T., Dr. B. A. M. University Aurangabad (4-5 Jan-2004).

17) R. R. Deshmukh, Datta Sable, "**Visual Sensing of Motion in Robot Work Space**" at National Conference on "Emerging Trends in Mechatronics" jointly organized by Dept. of Electronics/ Mechanical/Production Engineering, M. I. T. Aurangabad (23-24 July-2004).

18) P. E. Yewale, M. B. Joshi, S. P. Singh, Ratnadeep R. Deshmukh, "**Incidence of Twins in Nashik Region**" at National Conference on "Emerging Pollutants: Impact on Health, Agriculture and Environment" organized by Dept. of Environmental Science. Dr. B.A. M. University, Aurangabad. (29-31 Jan-2004).

19) D. V. Ratnalikar, M. B. Joshi, S. P. Singh, Ratnadeep R. Deshmukh, "**Studies on Yields and Plants Density Models- A Non Linear Approach**" at National Conference on "Emerging Pollutants: Impact on Health, Agriculture and Environment" organized by Dept. of Environmental Science. Dr. B.A. M. University, Aurangabad. (29-31 Jan-2004).

20) Ratnadeep R. Deshmukh, "**Determination of Midozolamine, Injection, where High- performance Liquid Chromatographic**" at National Conference on "Emerging Pollutants: Impact on Health, Agriculture and Environment" organized by Dept. of Environmental Science. Dr. B.A. M. University, Aurangabad. (29-31 Jan-2004).

IV)   Conferences/Workshops/Seminars Conducted/participated/ attended: 46

1) Chaired the Session at 107th Indian Science Congress at University of Agricultural Sciences, January 2020.

2) Chaired the Session at 22nd Oriental COCOSDA (International Committee for the Coordination and Standardization of Speech Database and Assessment Techniques) /CASLRE Conference, Organized by the Computing Society of the Philippines – Special Interest Group on Natural Language Processing (CSP SIG-NLP), National University (NU), and University of San Carlos (USC).

3) Presidential Address at 106th Indian Science Congress at LPU, Jalandhar Punjab, January 2019.

4) Chaired Technical Session in 103rd Indian Science Congress, University of Mysore, Mysore, India (3rd – 7th January 2016).

5) Chaired Session at 105th Indian Science Congress conference at Imphal, Manipur

6) Course Coordinator Refresher Course on e-Governance & e-Learning Organized by UGC - Human Resource Development Center, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (18thNovember to 8thDecember 2015).

7) Chaired Session and Participated in International Symposium on Intelligent Systems Technologies and Applications (ISTA'15), held at SCMS School of Engineering & Technology, Kochi, Kerala, India during 10th to 13th August 2015.

8) Chaired Session and Key Note Talk in 2nd International Conference "Emerging Trend in Computer Science, Communication and Information Technology" CSCIT2015 "KUSUM Auditorium", YeshwantMahavidyalaya Campus, Nanded. February 09-11 2015

9) Chaired Technical Session in 102nd Indian Science Congress, Mumbai, India (3rd – 7th January 2015).

10) Chaired Two Days National Workshop on "Emerging Trends in Geo-Spatial Technology for Smart City" Department of Computer Science & IT, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (MS) (19-20 September 2014).

11) Course Coordinator Refresher Course on e-Governance & e-Learning Organized by UGC Academic Staff College, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (7th to 27th November 2014).

12) Keynote Address in Valedictory Function during Short Term course on Research Grants, Publication & Methods organized by UGC Academic Staff College, Dr. Babasaheb Ambedkar Marathwada University on 12/07/2014.

13) Chaired Technical Session in 101st Indian Science Congress, Jammu, India (3rdto 7th Feb 2014).

14) Chaired a Technical Session in National Workshop on "Microwave Remote Sensing" organized by Department of Computer Science & IT, Dr. B. A. M. University at Aurangabad (22nd – 24th January 2014).

15) Chaired a Session in 2nd International Conference on "Current Trends and Challenges in Management, Engineering, Computer Applications and Technology" organized by Deogiri Institute of Engineering and Management Studies and Choice Institute of Management Studies & Research, Pune at Aurangabad (23rd – 24th March 2013).

16) Attended One Day Workshop on "Integrating GeoSpatial Technology with e-Governance of an Indian District (IGST-2013)" Department of Computer Science & IT, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (MS) (19th Jan 2013).

17) Chaired session in 100th Indian Science congress, Kolkata, India (3rdto 7th Jan 2013).

18) Course Coordinator Refresher Course on e-Governance & e-Learning Organized by UGC Academic Staff College, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (3rd to 27th September 2013).

19) Participated in 8th International conference on Microwave, Antenna, Propagation & Remote Sensing (ICMARS 2012), Organized by International centre for Radio Science, Jodhpur, India (11th -15th December 2012).

20) Chief Guest& Resource Person in All India Council for Technical Education, New Delhi (IIPC Cell)sponsored one week short term training program for teachers on "Innovative Instructional Tools: Use of Software"organized by Government College of

Pharmacy, Aurangabad on 16th April 2012.

21) Attended One Day Workshop on "Right to Information Act 2005", organized by Dr. B. A. M. University, Aurangabad and YeshwantraoChavanVikasPrashasanPrabodhini, Yashda, Pune on 16th March 2012.

22) Attended a One Day Workshop on Opportunities in DRDO, jointly held by Dr. B. A. M. University and G.S. Mandal's Maharashtra Institute of Technology, Aurangabad on 21st April 2012.

23) Session Chair in three days International Conference on Current Trends and Challenges in Management, Engineering, Computer Application and Technology (ICCTCMECAT - 2012) organized by Deogiri College, Aurangabad, India (23rd-25th March, 2012).

24) Attended one day Workshoparranged for designing of S.E. syllabus in Computer Science & Engineering, conducted by Dr. B. A. Marathwada University at MIT, Aurangabad, India (9th March 2012).

25) Attended one day Workshop National Vocational Education Qualification Framework jointly organized by AICTE, Delhi and DTE Maharashtra State. (05th March 2012).

26) Session Chair in three days International Conference on Recent Technologies (i-CORT 2012) organized by Institute of Knowledge College of Engineering, Pune, India (09th to11th February, 2012).

27) Participated in one day Workshop on proposed "The Maharashtra Public Universities Act-2011" –Organized by S. B. College of Science, Aurangabad. (14th February 2012).

28) Participated in one day Seminar on "Software 2.0" – Emerging Competencies for Enterprise Solutions and Knowledge Based Engineering (KBE) Organized by Computer Society of India, Division II (Software) & CSI Aurangabad Chapter at Aurangabad. (9th October 2010).

29) Convener, three days National Workshop on Data Warehousing and Data Mining, at Department of Computer Science & IT, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (MS) (25th to 27th February, 2010).

30) Session Chair in two days National Conference on Recent Trends in Computer Applications (NCRTCA-2010) at Department of Management Science, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (MS) (17th to 18th February, 2010).

31) Participated and worked as Session Coordinator in three days 2nd "International Conference on Advances in Computer Vision & Information Technology" Organized by Dept. of Computer Science & I.T. at Dr. B.A.M. University, Aurangabad. (17th to19th December 2009).

32) Participated three days Workshop on Ontology, NLP, IE & IR organized by IIT, Bombay & Sponsored by HP Labs, Bangalore at CFILT, Bombay. (16th to 18th July, 2008).

33) Participated two days Workshop on Embedded Systems & Robotics organized by IETE & Dept. of Computer Science & I.T. at Dr. B.A.M. University, Aurangabad. (24th to 25th March 2008).

34) Participated and worked as Session Coordinator in four days International Conference on "International Conference on Microwave & Optoelectronics" (ICMO-2007) Organized by Dept. of Computer Science & I.T. & Dept. of Physics at Dr. B.A.M. University, Aurangabad. (17th to 20th December 2007).

35) Participated and worked as Session Coordinator in three days 1st "International Conference on Advances in Computer Vision & Information Technology" Organized by Dept. of Computer Science & I.T. at Dr. B.A.M. University, Aurangabad. (28th to 30th November 2007).

36) Participated in two days 27th Annual State Level Conference on "Strength & Limitation of Higher Education" Organized by Dr. B.A.M. University Principals Association at SaraswatiBhuvan Education Society's, College of Science, Aurangabad (20th to 21st January 2007).

37) Participated two days Short Term Training Program on Open Source My-SQL & PHP-2005 (OSMP - 2005), Organized by Dept. of Computer Science and Engineering, Govt. College of Engineering, Aurangabad. (21st to 22nd Feb 2005).

38) Attended NAAC sponsored two days State Level Seminar on "Access, Equity and Quality in Higher Education", Organized by M.S.P. Mandal'sDeogiri College, Aurangabad. (29th to 30th April 2005).

39) Attended one day Workshop on E-Education organized by Dept. of Computer Science & Information Technology and Dept. of Library & Information Science and University Library. (16th September 2004).

40) Attended one day workshop on Guidance and Preview of T.E. (I.T) Structure and syllabus. (7th August 2002).

41) Participated in National Conference on "Emerging Trends in Engineering Education" Organized by D.T.E. and Govt. EngineeringCollege, at Aurangabad. (25th to 26th October 2002).

42) Participated in the Exhibition Cum Seminar and Workshop on the *e-com* perspective held at Aurangabad. (2nd- 4th Feb 2001).

43) Attended two days Awareness Workshop on Accreditation (N.B.A.) conducted at V.I.T. Pune. (8th to 9th April 2001).

44) Attended one-day meet/workshop organized by M.S.B.T.E. R.O. Aurangabad on "Role of Principal in Effective Curricular Implementation" (22nd October-2001).

45) Participated two days National Workshop on "A.T.M Technology for Multimedia Applications", organized by S.S.G.M. College of Engineering, Shegaon. (12th to 13th Feb 2000).

46) Attended one day National Workshop on "Impact of Information Technology on Technical Education", Organized by Government College of Engineering, Pune. (24th

Feb 2000).

16. ADMINISRATIVE EXPERIENCE:

1) **Chairman,** Admission Committee for M. Sc. (Computer Science) & M. Sc. (Information Technology) the year 2007-08 to 2008-09.
2) **Member,** M.S.B.T.E. Regional Assessment Center (RAC) Committee at Govt. Polytechnic, Aurangabad. (April-May-2002).
3) **Chairman** of Vigilance Squad for MSCIT Exam. Dec.-2003 Conducted by M. S. Board of Technical Education, R. O. Aurangabad.
4) **Chairman,** Admission Committee for the year 2000-2001.
5) **Member**, Admission Committee for the year 1999-2000.
6) Controller, M.S.B.T.E. Exam in Pharmacy at Kamala Nehru Polytechnic, (Pharmacy) (April-1997).
7) **Officer-In charge**, M.S.B.T.E. Exam at M.I.T. Polytechnic (Nov-Dec, 1999).
8) **Co-ordinator**, Y.C.M.O.U. Nashik Examination at M.I.T. Aurangabad July-1999).
9) **Member**, Academic Monitoring Committee of the years 2000-01& 2001-02.
10) **Member**, Internal Squad for M.S.B.T.E. Exam at M.I.T. Aurangabad (April-May, 2001, Nov, 2000, April-2000, Nov, 1998).

17. Training and Workshops Completed/Organized

1) Completed AS/400 Training at M.I.T. Aurangabad.
2) Organized an Internet Workshop at M.I.T. Aurangabad.
3) Completed the training in AUTOMOBILE PRODUCTS OF INDIA LTD. (API), Aurangabad (For 45 days.)

Professor (Dr.) R. R. DESHMUK