

# Curriculum Vitae

**Dr. DESHMUKH RATNADEEP RAGHUNATHRAO**

**Professor & Former Head,**

Department of Computer Science & I. T.,  
Dr. Babasaheb Ambedkar Marathwada University,  
Aurangabad-431004 (MS) India.



## PERSONAL DETAILS:

**Resi. Address** : "VAN-LAKXMI", D-8, Shevanti Type, Tirupati Park,  
N-4, CIDCO, AURANGABAD. PIN: 431 003.

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**:E-MAIL:** [rrdeshmukh.csit@bamu.ac.in](mailto:rrdeshmukh.csit@bamu.ac.in),  
[ratnadeep\\_deshmukh@yahoo.co.in](mailto:ratnadeep_deshmukh@yahoo.co.in),

**Date of Birth** : 09<sup>TH</sup> May 1963

**Sex**: Male

**Nationality**: Indian

**Marital Status**: Married

**Languages Known**: English, Hindi, Marathi.

## EDUCATIONAL QUALIFICATIONS:

**M. Sc. (CSE), M. E. (CSE), Ph. D., FIETE.**

**(A) Teaching and Research Experience: 26.3 Years (PG 18.3 Years, UG 8.9 Years)**

**Positions Held** :

Positions Held	Organization	Period	Nature of Work
Professor	Department of Computer Science & I. T., Dr. B. A. M. University, Aurangabad.	March 2013 to till date	Teaching and Research
Head & Professor	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)
Placement Coordinator	Department of Computer Science & IT, Dr. B.A.M. University, Aurangabad	Since 2007 till date	Placement activity

### **Invited Lectures:**

- ❖ Resource Person for 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 16 April 2012.
- ❖ Staff Academic College, Amravati University, Amravati.
- ❖ Staff Academic College, Dr. B. A. M. University, Aurangabad.
- ❖ Key Note Address in Two Days workshop on “Multicore Technology” organized by IETE Aurangabad Chapter and M.I.T. College, CIDCO, Aurangabad.
- ❖ Employment Information & Guidance Bureau, Dr. B. A. M. University, Aurangabad
- ❖ M.I.T. College of Information Technology, Aurangabad.
- ❖ Government Polytechnic, Aurangabad.
- ❖ Dr. G. Y. Pathrikar College of Computer Science & Information Technology, Aurangabad (25 Feb 2012).

### **Research**

<b>Experience</b>	: 20 Years
<b>Research Guide</b>	: <b>Ph. D. Awarded : 10</b>
	<b>Ph. D.(Comp. Sci. &amp;Engg.): 07</b>
	<b>Ph. D.(Comp. Sci) :03</b>
	M. Phil (Comp. Sci) : 10 Nos.
	M.Tech (CSE) : 15 Nos.
	M. Sc. (Comp. Sci) : 45 Nos.
	M. Sc. (I. T) : 30 Nos.
	M. B. A. (Systems) : 01 Nos.
	B. E. Projects : 23 Nos.

**(B) Technology Known:**

**(a) SOFTWARE:**

1. TRANSLATORS

COMPILERS (LANGUAGES): C ++, Pascal (Up to Ver 7.0), FORTRAN.

INTERPRETER : BASIC

2. OPERATING SYSTEMS: DOS (Up to Ver7.0), UNIX, Windows-98,  
Windows-2000, Windows-XP.

**(b) PACKAGES** : FoxBASE, FoxPro, Clipper, PageMaker 6.0,  
Ms-office, Lotus, Wordstar-7.0, AUTOCAD.

**(c) HARDWARE** : Familiarity with 386, 486, Pentium,  
LAN Interfacing UPS.

**(C) Various Positions at University Level:**

1. **Sectional President**, ICT Section, The Indian Science Congress Association, Kolkata, 2019.
2. **Chairman**, Board of Studies in Computer Science and Engineering, Dr. B. A. M. University, Aurangabad.
3. **Management Council Member**, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (From August 2011 to September 2014).
4. **Principal Coordinator**, DST-FIST program, Department of Computer Science and IT, Dr. B. A. M. University, Aurangabad.
5. **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.
6. **Coordinator**, महाराष्ट्र राज्य मराठी विश्वकोश निर्मिती मंडळ ,महाराष्ट्र शासन for development of Marathi Vishvakosh in the subject of Information Technology and Computer Science. (From 17th May 2017).
7. **Chairman**, the Institution of Electronics & Telecommunication Engineers (IETE) Centre, Aurangabad. (From 2014 to 2018).
8. **Member**, Selection Committee for UGC CAS at S.R.T.M. University, Nanded.
9. **Chairman**, Purchase Committee of SCOPUS Database, Knowledge Resource Center, Dr. B. A. Marathwada University, Aurangabad (since 2014).
10. **Member**, Editorial Advisory Board, ISCA journal, 'Everyman's Science'.
11. **Member**, CSI Best Award Thesis Committee, 2018.
12. **Member**, Expert Visit Committee, AICTE, New Delhi

13. **Chairman, Ad-hoc Board of Computer Science & IT**, Dr. B.A. Marathwada University, Aurangabad (Since 2011).
14. **Chairman, Ad-hoc Board of Bio-informatics**, Dr. B. A. Marathwada University, Aurangabad (Since 2013).
15. **Member of the Senate**, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (From March 2011 to September 2014).
16. **Coordinator**, Global Initiative of Academic Networks(GIAN), Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. (From October 2016).
17. **University Coordinator**, I-MADE Program, of Dr. B. A. M. University, Aurangabad (Since 2015).
18. **Member**, Departmental Research Council(DRC), Department of Computer Science and IT, Dr. B.A.M. University, Aurangabad
19. **Member**, Scrutiny and Selection committee of Endress+Housser, Late R.N. Bagla and Shri Govindbhai Shroff Scholarship, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (From 2016,2017).
20. **Member**, University-Industry Interaction for Faculty, Research Scholars & Students, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad(From April 2016)
21. **Member**, Advisory Committee, Reservation Cell, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad,(From June-2017)
22. **Sectional Member (West Region)**, Indian Science Congress Section of Information and Communication Science and Technology (Including Computer Science & Library Science)
23. **Chancellor's nominated Member of the Senate**, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (September 2005-2010).
24. **Member**, Technical Committee at All India Council for Technical Education (AICTE), New Delhi (February 2011).
25. **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).
26. **Vice-Chairman**, the Institution of Electronics & Telecommunication Engineers (IETE) Centre, Aurangabad (2012 - 2014).
27. **Observer**, Maharashtra State Eligibility Test for Lecturers (SET) (2010-2011).
28. **Member of the Academic Council**, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. (2005-2010).
29. **Member, Faculty of Management Science**, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (2005-2010).

30. **Member of, Committee constituted under section 32(5)(a)**, Dr. Babasaheb Ambedkar Marathwada, Aurangabad (From 2013)
31. **Member, Ad-Hoc Board of Studies in Computer Engineering**, Mumbai University, Mumbai (From June 2012).
32. **Member, Board of Study Computer Science**, Solapur University, Solapur (Since December 2010).
33. **Member, Academic Audit Committee** for various departments, Dr. B. A. Marathwada University, Aurangabad (2012-13).
34. **Member of Committee, Finalization of Affiliation Fees for Various UG/ PG Courses in affiliated colleges** at Dr. B. A. Marathwada University, Aurangabad (September 2012).
35. **Member, ShulkNirdharan Committee** for various UG/PG Courses at Dr. B. A. Marathwada University, Aurangabad and Sub-Center, Osmanabad. (2012-13).
36. **Member**, of Committee Constituted for Computer Science & Engineering, to design and prepare syllabus of SE (CSE), Dr. B. A. Marathwada University, Aurangabad (2012-13).
37. **Member**, of Anti Ragging Committee, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (From August 2012).
38. **Member of the Senate**, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (From June 2005 to September 2005).
39. **Member of the Senate**, Marathwada University, Aurangabad (since 1987-88).
40. **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).
41. **Recognized Research Guide** in the subject of **Computer Science & Information Technology in the faculty of Science**, Dr. B. A. Marathwada University, Aurangabad (Since 2009).
42. **Coordinator/Member AVISHKAR** organization committee at University Level from 2010 to 2015.
43. **Team Manager AVISHKAR** 2009 and 2010.
44. **Chairman/Member**, Permanent Affiliation Committees to Various Colleges of Dr. B. A. M. University, Aurangabad (2007-10).
45. **Chairman/Member**, Pre-affiliation Committee for establishment of new colleges of Dr. B. A. M. University Aurangabad (2007-08).
46. **Member, Purchase Committee**, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (From November 2011).

47. **Member, Technical Committee as per Common Account Code**, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (2012-13).
48. **Chairman**, Students Council Election Committee, Dr. B. A. M. University, Aurangabad (Since October 2011).
49. **Chairman**, University Guest House/Canteen Committee, Dr. B. A. M. University, Aurangabad (Since February 2012).
50. **Chairman**, University Girls/Boys Hostels Committee, Dr. B. A. M. University, Aurangabad (Since November 2011).
51. **Member**, Vidyarthi Sahayya Nidhi Committee, Dr. B. A. M. University, Aurangabad (From February 2012).
52. **Paper Setter/Examiner**, for Ph.D. course work examination 2011, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
53. **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).
54. **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).
55. **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).
56. **Paper Setter/Examiner**, for Ph.D. course work examination 2011, Swami Ramanand Teerth Marathwada University, Nanded.
57. **Member of Experts panel to evaluate the Ph.D. candidates in Computer Science** at S. R. T. Marathwada University, Nanded (Since 2008).
58. **Member of Experts panel to evaluate the M. E. (C.S.E) candidates** at Mumbai University, Mumbai (Since 2008).
59. **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.
60. **Invited Member**, for P.B.A.S (Performance Appraisal System for direct Recruitment & for CAS), Dr. B. A. M. University, Aurangabad (2011-12).
61. **Member**, Purchase of Steel Furniture Sub Committee, Dr. B. A. M. University, Aurangabad (From February 2012).
62. **Member**, Purchase of Sports equipment's Committee, Dr. B. A. M. University, Aurangabad (From February 2012).
63. **Invited Member**, Faculty of Engineering & Technology, Dr. B. A. M. University, Aurangabad (2012-13).

64. **Member**, Advisory Committee, Sub-Center, Dr. B. A. M. University, Osmanabad (Since November 2011).
65. **Member**, Security Agency Committee, Dr. B. A. M. University, Aurangabad (Since January 2012).
66. **Member**, Late. Vasantao Kale Swabhiman (Earn & Learn) Yojna Committee, Dr. B. A. M. University, Aurangabad (From October 2011).
67. **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 (Since 2009).
68. **Member**, Research & Recognition Committee in Faculty of Engineering, Computer Science & Engineering, Dr. B. A. M. University, Aurangabad (Since 2011).
69. **Member**, Research & Recognition Committee in Faculty of Science, Computer Science & Information Technology, Dr. B. A. M. University, Aurangabad (Since 2011).
70. **Member**, Student Facility Centre Inauguration Committee, Dr. B. A. M. University, Aurangabad (April 2012).
71. **Member**, Selection Committee for Accounts Officer, Administrative Officer and Junior Engineer, Dr. B. A. M. University, Aurangabad (March 2012).
72. **Member**, Local Governing Council, College of Social Welfare run by Dr. B. A. M. University, Aurangabad ( ).
73. **Member**, as a University representative on Governing body for various Engineering & Management Colleges affiliated to Dr. B. A. M. University, Aurangabad.
74. **Member**, E-Mail Complaint System Committee, Dr. B. A. M. University, Aurangabad (Since February 2011).
75. **Chairman**, e-Convocation Enquiry Committee, Dr. B. A. M. University, Aurangabad (From February 2012).
76. **Member**, Implementation and Operation of University Campus Wide Secured Wi-Fi infrastructure committee, Dr. B. A. M. University, Aurangabad (Since September 2012)
77. **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).
78. **Recognized Post-Graduate Teacher** in the subject of Computer Science at Dr. B. A. Marathwada University, Aurangabad (Since 2000).
79. **Chairman/Senior/Paper Setter/ Examiner** for M.Sc. (Information Technology) at Dr. B. A. M. University Aurangabad(Since 2007).
80. **Paper Setter/Examiner** for M. Sc. (Computer Science), & B. Sc. (Computer Science), Dr. B. A. M. University Aurangabad (Since 2007).

81. **External Examiner** for Computer Programming Lab (Degree-III Sem.), Maharashtra Institute of Technology, IGNOU Study Centre, Aurangabad.
82. **Paper Setter/Examiner** for M. Sc. (Computer Science), M. Sc. (Information Technology) at Amravati University, Amravati.
83. **Paper Setter/Examiner** for M. Sc. (Computer Science), Swami Ramanand Teerth Marathwada University, Nanded since 1997.
84. **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).
85. **Paper Setter/Examiner** for M.B.A. Yashwantrao Chavan Maharashtra Open University (Y.C.M.O.U), Nashik.
86. **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.
87. **Chairman/Member**, Local Enquiry Committees (L.E.C.) for affiliation to Various College of Dr. B. A. M. University, Aurangabad.
88. **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.

**(D) Visited Foreign Countries:**

- ❖ 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.
- ❖ Visited Shanghai, China for presenting the paper at **18th Oriental COCODA (International Committee for the Coordination and Standardization of Speech Database and Assessment Techniques)** /CASLRE Conference, organized by Shanghai Jiao Tong University, Shanghai, China.
- ❖ 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.
- ❖ Visited University of **Washington Seattle, WA, USA** during 23 May to 14 June 2015.

**(E) Awards/Honors:**

- ❖ 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.
- ❖ Won First prize in Inter University State Level Research Festival "**AVISHKAR - 2009**" under H. L. F. A. category at Teacher level.

- ❖ Won First prize in Inter University State Level Research Festival “**AVISHKAR - 2009**” for the Team Management.
- ❖ Govt. of India, Ministry of Science & Technologies Department of Science & Technology has sanctioned complete travel grant for attending 18th Oriental COCODA (International Committee for the Coordination and Standardization of Speech Database and Assessment Techniques) /CASLRE Conference, organized by Shanghai Jiao Tong University, Shanghai, China.
- ❖ Dr. Babasaheb Ambedkar Marathwada University, Aurangabad has sanctioned Rs. 30,000 (Fifty thousands) financial assistance grant to attend the 18th Oriental COCODA (International Committee for the Coordination and Standardization of Speech Database and Assessment Techniques) /CASLRE Conference, organized by Shanghai Jiao Tong University, Shanghai, China.
- ❖ 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 GEPR, New Delhi.
- ❖ Profile published 32<sup>nd</sup> Edition of Marquis Who’s Who in world 2014 for his meritorious services, outstanding performance and remarkable role in the field of Education and Computer Science.
- ❖ 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

**(F) Events Organized:**

- ❖ Convenor, National Workshop on Data Warehousing and Data Mining (**NWDWDM-2010**), 25-27 Feb 2010.
- ❖ Convenor, IEEE International Conference on Knowledge Engineering (**ICKE-2011**) 29-31 Jan 2011.
- ❖ Member, Advisory Committee, Two days National Conference on Recent Trends in Computer Applications (NCRCA-2010) at Department of Management Science, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (MS) (17-18 February, 2010).
- ❖ 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.
- ❖ 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.

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

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**(G) Research Projects:**

Title	Sponsored by	Amount	Status
DST-FIST support for Hyper Spectral Image Analysis of RS and GIS	DST	Rs.1,22,00,000/-	Ongoing
महाराष्ट्र राज्य मराठी विश्वकोश निर्मिती मंडळ, महाराष्ट्र शासन for development of Marathi Vishvakosh in the subject of Information Technology and Computer Science.	Maharashtra Govt	Rs.7,20,000/-	Ongoing
<b>"Perception and Modelling of 3 Dimensional Scense"</b>	Global Initiative of Academic Networks (GIAN), Program	Rs.5,44,000/-	Completed
Development of Database and Automatic Recognition System for Continuous Marathi Spoken Language for Agriculture Purpose in Marathwada Region	UGC	Rs. 13,61,454/-	Completed
Development of Marathi Emotional Speech Database for Marathwada Region	University-UGC	Rs. 10,000/-	Completed

**(H) Editor/Reviewer/Program Committee Member for National/International Journals/Conferences:**

- 1) **Guest Editor**, CSI Communication India,2018.
- 2) **Reviewer** for 6th IEEE International Advance Computing Conference (IACC - 2016) 27-28 February 2016, S R K R Engineering College, Bhimavaram, Andhra Pradesh, India
- 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. (**ISSN Print: 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. (**ISSN Print: 2214-1464**)

- 5) 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**)
- 6) Open Access Journal Scientific Research and Essays (**SRE**).
- 7) IEEE International Conference on Advances in Recent Technologies in Communication and Computing, ART Com 2009.
- 8) Scientific Research Publishing Journal of Communications and Network which is an academic publisher of open access journals (**ISSN Print: 1949-2421**)
- 9) 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.
- 10)Advanced Institute of Convergence Of Information Technology's (AICIT) International Conference on Computer Science & Convergence Information Technology (ICCIT-2011).
- 11)Advanced Institute of Convergence Of Information Technology's (AICIT) International Conference on Next Generation Information Technology (ICNIT-2011).
- 12)Advanced Institute of Convergence Of Information Technology's (AICIT) International Conference on Next Generation Information Technology (ICCM-2013).
- 13)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).
- 14) "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**.

**(I) MEMBERSHIPS / INVOLVMENT:**

Sr. No.	As a Life Member/ Fellow	Detail
1	<b>Fellow Member of "The Institution of Electronics and Telecommunication Engineers" (FIETE)</b>	Membership No.: F203171
2	<b>Life Member of CSI (Computer Society of India)</b> CSI is a professional body aiming to improve teaching and learning by organizing workshops, seminars and paper publications.	Membership No.: 00100518
3	<b>Life Member of "The Indian Society for Technical Education" (ISTE)</b>	Membership No.: LM30049

4	Senior Member of “ <b>Association of Computer Electronics and Electrical Engineers</b> ” (ACEEE)	Membership No.: 7000408
5	Member of <b>International Association of Engineers (IAEng)</b>	Membership No.: 108351
6	Member of “ <b>Computer Science Teachers Association</b> ” (CSTA)	Membership No.: 2060900
7	Member of “ <b>IEEE</b> ”	Membership No.: 91195256
8	Life Member of “ <b>Indian Science Congress Association</b> ” (ISCA)	Membership No.: L18872
9	Life Member of “ <b>Institute of Doctors Engineers and Scientists</b> ” (IDES)	Membership No.: 1027

### (J) PUBLICATIONS: 169

Sr. No.	Publication Particulars	Detail
1	<b>Patent</b>	<b>03</b>
2	<b>Book Published</b>	<b>12</b>
3	<b>Book Chapters</b>	<b>01</b>
4	<b>Magazine Article</b>	<b>07</b>
5	<b>International/National Journal</b>	<b>93</b>
6	<b>International Conferences</b>	<b>66</b>
7	<b>National Conferences</b>	<b>21</b>
	<b>Total Publication</b>	<b>203</b>

#### (a) Details of Book Published: 12

- 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 for B.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) 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)
- 11) 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)).
- 12) A. S. Gavali, **R. R. Deshmukh**, S. N. Kakarwal, "Analysis of 3D Face Recognition Robust to Expressions and Occlusions", LAP LAMBERT Academic Publishing (April 05, 2017) Language: English, ISBN-10: 3659824577, ISBN-13: 978-3659824579 (Available on Amazon.com)

**(b) Book Chapters: 01**

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- 91) Ganesh Janvale, Aaron M. Oirere, Vishal Waghmare, Ratnadeep Deshmukh, "**Designing of new proposed Technique for Lie Detection using EEG Signals**" in International Journal of Pharma and Bio Sciences (IJPBS), AB V1-Pr 3-4, March 10, 2011 ISSN: 0975-6299.

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## **II) Papers Presented in International Conferences: 66**

- 1) Ratnadeep R. Deshmukh, Shubhangi D. Patil, Luigi Troiano, Soumya Banerjee, Ajay R. Deshmukh "Fast Apriori Algorithm for Frequent Itemset Mining", Proceedings of 2nd ICKE2016, ISBN: 978-93-86751-04-1, Aurangabad, India, Jan. 2018.
- 2) Chudaman Devidasrao Sukte, Emmanuel. M, Ratnadeep R. Deshmukh "Novel Approach for improving Security And Confidentiality in Public Clouds Using Certificateless Encryption", Proceedings of 2nd ICKE2016, ISBN: 978-93-86751-04-1, Aurangabad, India, Jan. 2018.
- 3) B. S. Sonawane, R. R. Deshmukh, S. D. Waghmare, Pushpendra Chavan "Software Oriented Disk less Client for Cost Efficiency", Proceedings of 2nd ICKE2016, ISBN: 978-93-86751-04-1, Aurangabad, India, Jan. 2018.
- 4) Padmapani P. Tribhuvan, Sunil G. Bhirud, Ratnadeep R. Deshmukh "Survey on Topic Modeling for Feature-Based Opinion Mining", Proceedings of 2nd ICKE2016, ISBN: 978-93-86751-04-1, Aurangabad, India, Jan. 2018.
- 5) Prashant L. Chintal, Ratnadeep R. Deshmukh, Rajendra J. Gaikwad "Big Data Analytics and Security Measures", Proceedings of 2nd ICKE2016, ISBN: 978-93-86751-04-1, Aurangabad, India, Jan. 2018.
- 6) Ganesh V. Gujar, Satish R. Devane, Ratnadeep R. Deshmukh "Trends of Load Balancing in Cloud Scenario: A Review", Proceedings of 2nd ICKE2016, ISBN: 978-93-86751-04-1, Aurangabad, India, Jan. 2018
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- 8) Shubhangi Sapkal, R. R. Deshmukh, Stephen G. Karungaru, Soumya Banerjee "Biometric Cryptosystem for Finger print Verification", Proceedings of 2nd ICKE2016, ISBN: 978-93-86751-04-1, Aurangabad, India, Jan. 2018.
- 9) Dnyaneshwar K. Kirange, Ratnadeep R. Deshmukh, Ajay R. Deshmukh, Luigi Troiano "Evaluation of Semeval 2016 Restaurant and Laptop Reviews Data for Emotion and Aspect Classification", Proceedings of 2nd ICKE2016, ISBN: 978-93-86751-04-1, Aurangabad, India, Jan. 2018.
- 10) Archana R. Mate, Swati B. Magare, Ratnadeep R. Deshmukh "Analysis of Effects of Air Pollution on Mango and Custard apple Tree Leaves Using ASD FieldSpec 4

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  - 12) Swati B. Magare, Archana R. Mate, Ratnadeep R. Deshmukh "Analysis of Effects of 2, 4-D Sodium Salt on Chlorophyll Content in Jowar using ASD FieldSpec4 Spectroradiometer", Proceedings of 2nd ICKE2016, ISBN: 978-93-86751-04-1, Aurangabad, India, Jan. 2018.
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  - 15) Rahul R. Sagar, Ganesh M. Magar, Ratnadeep R. Deshmukh, Karbhari V. Kale, Suresh C. Mehrotra "Analysis of Employment Density for Sustainable Urban Regeneration Using Geo-Spatial Technology" Proceedings of 2nd ICKE2016, ISBN: 978-93-86751-04-1, Aurangabad, India, Jan. 2018.
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  - 18) Rashmi V. Agrawal, R. R. Deshmukh, Swapnil D. Waghmare "Text-Dependent Automatic Speaker Recognition System Using Hindi Language" Proceedings of 2nd ICKE2016, ISBN: 978-93-86751-04-1, Aurangabad, India, Jan. 2018.
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- 30) Ashwini Gawli, R. R. Deshmukh, S. N. Kakarwal, "**Recognizing Human Activity in Video at its Earliest Stage: A Review**", International Conference on Recent Trends in Computing, Communication and Science (ICRTCCS - 2016), held at International Institute of Information Technology, Hinjewadi, Pune during 8th - 9th January 2016.
- 31) Pukhraj P. Shrishrimal, Ratnadeep R. Deshmukh, Vishal B. Waghmare, Sushma Borade, Pooja Janse, Ganesh B. Janvale, "**Development of Marathi Language Speech Database from Marathwada Region**", 18th Oriental COCODA (International Committee for the Co-ordination and Standardization of Speech

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- 32) Sushma N. Borade, Ratnadeep R. Deshmukh, Pukhraj P. Shrishrimal, "**Effect of Distance Measures on the Performance of Face Recognition using Principal Component Analysis**", Advances in Intelligent Systems and Computing proceeding of International Symposium on Intelligent Systems Technologies and Applications (ISTA'15), Volume 1 published by Springer, held at SCMS School of Engineering & Technology, Kochi, Kerala, during 10<sup>th</sup> to 13<sup>th</sup> August 2015, pp. 569-577.
- 33) Sushma N. Borade, Ratnadeep R. Deshmukh, Pukhraj P. Shrishrimal, "**Independent Component Analysis and Number of Independent Basis Vectors**", Proceeding of Second International Symposium on Computer Vision and the Internet (VisionNet'15) held at SCMS School of Engineering & Technology, Kochi, Kerala, during 10<sup>th</sup> to 13<sup>th</sup> August 2015, Published by Elsevier in Procedia Computer Science.
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- 35) Pukhraj P. Shrishrimal, R. R. Deshmukh, V. B. Waghmare, "**Multimedia Data Mining: A Review**" at International Conference On Recent Trends and Challenges in Science and Technology (RTCST), Organized by PadmashriVikhePatil College of Arts, Science & Commerce Pravaranagar, Loni, Tal: Rahata, Dist.: Ahmednagar (20-22 August 2014)
- 36) Anita G. Khandizod, R. R. Deshmukh, "**Hyper spectral Palm print Recognition: A Review**" at International Conference On Recent Trends and Challenges in Science and Technology (RTCST), Organized by PadmashriVikhePatil College of Arts, Science & Commerce Pravaranagar, Loni, Tal: Rahata, Dist.: Ahmednagar. (20-22 August 2014)
- 37) Vaishali Kadam, R. R. Deshmukh, "**BCI with EEG Signal Pattern Recognition System Component: A Review**" at International Conference On Recent Trends and Challenges in Science and Technology (RTCST), Organized by PadmashriVikhePatil College of Arts, Science & Commerce Pravaranagar, Loni, Tal: Rahata, Dist.: Ahmednagar . (20-22 August 2014)
- 38) Sonali Ingle, RoshniSorde, R. R. Deshmukh, S. N. Deshmukh, "**Multimedia Answer Generation For Community Question Answering Engine: A Review**" at International Conference On Recent Trends and Challenges in Science and Technology (RTCST), Organized by PadmashriVikhePatil College of Arts, Science & Commerce Pravaranagar, Loni, Tal: Rahata, Dist.: Ahmednagar . (20-22 August 2014)
- 39) V. B. Waghmare, R. R. Deshmukh, G. B. Janvale, P. P. Shrishrimal, "**Emotion Recognition System from Artificial Marathi Speech using MFCC and LDA Techniques**" at 5th International Conference on Advances in Communication, Network, and Computing (CNC-2014). 21st – 22nd February 2014, Organized by

Association of Computer Electronics and Electrical Engineers (ACEEE), Chennai, Tamil Nadu.

- 40) S. B. Magre, R. R. Deshmukh, P. P. Shrishrimal, "**A Comparative Study on Feature Extraction Techniques in Speech Recognition**" at International Conference on Recent Advances in Statistics and Their Applications (ICRASTAT-2013), 26th -28th December 2013, Organized by Department of Statistics, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharashtra.
- 41) Presented paper entitled "**Statistical Approaches in Computational Sciences**", at International Conference on Recent Advances in Statistics and Their Applications (ICRASTAT-2013), 26th -28th December 2013, Organized by Department of Statistics, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharashtra.
- 42) Presented paper entitled "**Recent improvements in Apriori Algorithm: A review**" at International Conference on Recent Advances in Statistics and Their Applications (ICRASTAT-2013), 26th -28th December 2013, Organized by Department of Statistics, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharashtra.
- 43) P. V. Janse, R. R. Deshmukh, V. B. Waghmare, "**Design and Development of Speech Database for Travel Purpose**" at International Conference on Recent Advances in Statistics and Their Applications (ICRASTAT-2013), 26th -28th December 2013, Organized by Department of Statistics, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharashtra.
- 44) SonalDeshmukh, R. R. Deshmukh, Sachin Deshmukh, "**Detection of Hidden Meaning of a sentence using NGD and PMI**" in the proceedings of 2<sup>nd</sup> International Conference on Eco-friendly Computing and Communication Systems (ICECCS-2013). 17<sup>th</sup> – 19<sup>th</sup> October 2013, Organized by Jaypee University of Information Technology, Waknaghat, Solan, Himachal Pradesh (ISBN :978-9-35-134332-5)
- 45) SonalDeshmukh, R. R. Deshmukh, Sachin Deshmukh, "**Finding real Semantics of Replaced Words Using k-Gram and NGD**", Proceedings of the World Congress on Engineering 2013 Vol III, WCE 2013, London, U.K. July 3 - 5, 2013
- 46) R. R. Deshmukh, Pukhraj P. Shrishrimal, V. B. Waghmare, "**Usage of Computer in Higher Education and R&D**" in the proceedings of International Conference on Current Issues in Education & Social Sciences. 25<sup>th</sup> – 26<sup>th</sup> may 2013, Organized by Department and Faculty of Education, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (ISBN :978-93-80039-06-0)
- 47) S. C. Tamane, R. R. Deshmukh, V. L. Jadhavpatil, "**Optimization of Blind 3D Model Watermarking using Wavelets and DCT**" in the Proceedings of Fourth International Conference on Intelligent Systems, Modeling and Simulation (ISMS 2013) 29th to 31st Jan 2013, organized by Kasetsart University, Bangkok, THAILAND.
- 48) S. N. Kakarwal, R. R. Deshmukh, V. L. Jadhavpatil, "**Face Recognition based on Supervised Learning**" in the Proceedings of International Conference on Image

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- 49) Presented paper entitles “**Study of Software Maintenance is Optional**” in the Proceedings of International Conference on Advances in Engineering and Technology (ICAET 2011), held at Bhubaneswar during 26<sup>th</sup> November 2011.
- 50) ShubhangiPatil, R. R. Deshmukh, K. S. Bhagat, D. K. Kirange, “**Torn Document Reconstruction: A 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. 001-006 (ISBN: 978-81- 8487-123-4).
- 51) D. K. Kirange, R. R. Deshmukh, T. I. Jain, ShubhangiPatil, “**Opinion Mining: A Study on Automated Text Based Emotion Prediction**” 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. 029-034 (ISBN: 978-81- 8487-123-4).
- 52) VaishaliWangikar, RatnadeepDeshmukh, “**Data Cleaning: Current Approaches and Issues**” 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. 061-066 (ISBN: 978-81- 8487-123-4).
- 53) SonalDeshmukh, R. R. Deshmukh, Sachin Deshmukh, “**Use of Search Engine Result 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).
- 54) 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).
- 55) 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).
- 56) 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).

- 57) 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).
- 58) 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)
- 59) S. N. Kakarwal, R. R. Deshmukh, "**Wavelet Transform and Thresholding based Face Recognition**" in the Proceedings of International Conference on Artificial Intelligence and Pattern Recognition (AIPR-2010), organized by ISRST, at FL, USA, pp 128-132, July 2010. (ISBN: 978-1- 60651-015-5).
- 60) 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).
- 61) 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).
- 62) S. D. Sapkal, R. R. Deshmukh, "**Analysis of Retina Recognition by Correlation and SVD**",at the 2<sup>nd</sup> 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).
- 63) 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)
- 64) 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).
- 65) 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).
- 66) 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:21

- 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)
- 3) 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:
- 4) Maheshkumar B. Landge, R. R. Deshmukh, P. P. Shrishrimal, R. R. Naik, "**A Review on Speech Analysis Methods**" 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)
- 5) Vishal B. Waghmare, R. R. Deshmukh, "**Development of Artificial Marathi Emotional Speech Database**" at 101<sup>st</sup> Indian Science Congress organized by University of Jammu, Jammu. (03-07 Feb-2014)
- 6) Presented paper entitled "**Marathi Isolated Word Automatic Speech Recognition System based on Vector Quantization (VQ) Approach**" at 101<sup>st</sup> Indian Science Congress organized by University of Jammu, Jammu. (03-07 Feb-2014)
- 7) 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
- 8) 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).
- 9) 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.

- 10) 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 VasantryaNaikMahavidyalaya, Aurangabad. (17-18, February 2011).
- 11) 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).
- 12) 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).
- 13) 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).
- 14) 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).
- 15) 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).
- 16) 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).
- 17) 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).
- 18) 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).
- 19) 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).

- 20) 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).
- 21) Ratnadeep R. Deshmukh, "**Determination of Midazolam, 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: 42**

- 1) Chaired Technical Session in 103<sup>rd</sup> Indian Science Congress, University of Mysore, Mysore, India (3<sup>rd</sup> – 7<sup>th</sup> January 2016).
- 2) Course Coordinator Refresher Course on e-Governance & e-Learning Organized by UGC - Human Resource Development Center, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (18<sup>th</sup> November to 8<sup>th</sup> December 2015).
- 3) 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 10<sup>th</sup> to 13<sup>th</sup> August 2015.
- 4) Chaired Session and Key Note Talk in 2nd International Conference "Emerging Trend in Computer Science, Communication and Information Technology" CSCIT2015 "KUSUM Auditorium", Yeshwant Mahavidyalaya Campus, Nanded. February 09-11 2015
- 5) Chaired Technical Session in 102<sup>nd</sup> Indian Science Congress, Mumbai, India (3<sup>rd</sup> – 7<sup>th</sup> January 2015).
- 6) 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).
- 7) Course Coordinator Refresher Course on e-Governance & e-Learning Organized by UGC Academic Staff College, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (7<sup>th</sup> to 27<sup>th</sup> November 2014).
- 8) 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.
- 9) Chaired Technical Session in 101<sup>st</sup> Indian Science Congress, Jammu, India (3<sup>rd</sup> to 7<sup>th</sup> Feb 2014).

- 10) 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 (22<sup>nd</sup> – 24<sup>th</sup> January 2014).
- 11) Chaired a Session in 2<sup>nd</sup> 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 (23<sup>rd</sup> – 24<sup>th</sup> March 2013).
- 12) 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) (19<sup>th</sup> Jan 2013).
- 13) Chaired session in 100<sup>th</sup> Indian Science congress, Kolkata, India (3<sup>rd</sup> to 7<sup>th</sup> Jan 2013).
- 14) Course Coordinator Refresher Course on e-Governance & e-Learning Organized by UGC Academic Staff College, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (3<sup>rd</sup> to 27<sup>th</sup> September 2013).
- 15) Participated in 8<sup>th</sup> International conference on Microwave, Antenna, Propagation & Remote Sensing (ICMARS 2012), Organized by International centre for Radio Science, Jodhpur, India (11<sup>th</sup> -15<sup>th</sup> December 2012).
- 16) 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 16<sup>th</sup> April 2012.
- 17) Attended One Day Workshop on “Right to Information Act 2005”, organized by Dr. B. A. M. University, Aurangabad and Yeshwantrao Chavan Vikas Prashasan Prabodhini, Yashda, Pune on 16<sup>th</sup> March 2012.
- 18) 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 21<sup>st</sup> April 2012.
- 19) 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 (23<sup>rd</sup>-25<sup>th</sup> March, 2012).
- 20) Attended one day Workshop arranged for designing of S.E. syllabus in Computer Science & Engineering, conducted by Dr. B. A. Marathwada University at MIT, Aurangabad, India (9<sup>th</sup> March 2012).
- 21) Attended one day Workshop National Vocational Education Qualification Framework jointly organized by AICTE, Delhi and DTE Maharashtra State. (05<sup>th</sup> March 2012).
- 22) Session Chair in three days International Conference on Recent Technologies (i-CORT 2012) organized by Institute of Knowledge College of Engineering, Pune, India (09<sup>th</sup> to 11<sup>th</sup> February, 2012).

- 23) Participated in one day Workshop on proposed "The Maharashtra Public Universities Act-2011" –Organized by S. B. College of Science, Aurangabad. (14<sup>th</sup> February 2012).
- 24) 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. (9<sup>th</sup> October 2010).
- 25) Convener, three days National Workshop on Data Warehousing and Data Mining, at Department of Computer Science & IT, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (MS) (25<sup>th</sup> to 27<sup>th</sup> February, 2010).
- 26) 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) (17<sup>th</sup> to 18<sup>th</sup> February, 2010).
- 27) Participated and worked as Session Coordinator in three days 2<sup>nd</sup> "International Conference on Advances in Computer Vision & Information Technology" Organized by Dept. of Computer Science & I.T. at Dr. B.A.M. University, Aurangabad. (17<sup>th</sup> to 19<sup>th</sup> December 2009).
- 28) Participated three days Workshop on Ontology, NLP, IE & IR organized by IIT, Bombay & Sponsored by HP Labs, Bangalore at CFILT, Bombay. (16<sup>th</sup> to 18<sup>th</sup> July, 2008).
- 29) Participated two days Workshop on Embedded Systems & Robotics organized by IETE & Dept. of Computer Science & I.T. at Dr. B.A.M. University, Aurangabad. (24<sup>th</sup> to 25<sup>th</sup> March 2008).
- 30) 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. (17<sup>th</sup> to 20<sup>th</sup> December 2007).
- 31) Participated and worked as Session Coordinator in three days 1<sup>st</sup> "International Conference on Advances in Computer Vision & Information Technology" Organized by Dept. of Computer Science & I.T. at Dr. B.A.M. University, Aurangabad. (28<sup>th</sup> to 30<sup>th</sup> November 2007).
- 32) Participated in two days 27<sup>th</sup> 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 (20<sup>th</sup> to 21<sup>st</sup> January 2007).
- 33) 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. (21<sup>st</sup> to 22<sup>nd</sup> Feb 2005).
- 34) Attended NAAC sponsored two days State Level Seminar on "Access, Equity and Quality in Higher Education", Organized by M.S.P. Mandal's Deogiri College, Aurangabad. (29<sup>th</sup> to 30<sup>th</sup> April 2005).

- 35) Attended one day Workshop on E-Education organized by Dept. of Computer Science & Information Technology and Dept. of Library & Information Science and University Library. (16<sup>th</sup> September 2004).
- 36) Attended one day workshop on Guidance and Preview of T.E. (I.T) Structure and syllabus. (7<sup>th</sup> August 2002).
- 37) Participated in National Conference on “Emerging Trends in Engineering Education” Organized by D.T.E. and Govt. Engineering College, at Aurangabad. (25<sup>th</sup> to 26<sup>th</sup> October 2002).
- 38) Participated in the Exhibition Cum Seminar and Workshop on the *e-com* perspective held at Aurangabad. (2<sup>nd</sup>- 4<sup>th</sup> Feb 2001).
- 39) Attended two days Awareness Workshop on Accreditation (N.B.A.) conducted at V.I.T. Pune. (8<sup>th</sup> to 9<sup>th</sup> April 2001).
- 40) Attended one-day meet/workshop organized by M.S.B.T.E. R.O. Aurangabad on “Role of Principal in Effective Curricular Implementation” (22<sup>nd</sup> October-2001).
- 41) Participated two days National Workshop on “A.T.M Technology for Multimedia Applications”, organized by S.S.G.M. College of Engineering, Shegaon. (12<sup>th</sup> to 13<sup>th</sup> Feb 2000).
- 42) Attended one day National Workshop on “Impact of Information Technology on Technical Education”, Organized by Government College of Engineering, Pune. (24<sup>th</sup> Feb 2000).

**(K) ADMINISTRATIVE 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) Monitoring 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).

- (L)**
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.)

*(Dr. R. R. DESHMUKH)*