

1. Dr. Pradeep Kawduji Butey

List of Research Papers: (Total Research paper published in Journals-51 Conferences-07)

1. Journals Papers (Few of them are :)

Sr. No	Name of the Journals	Authors	Paper Title
1.	National Conference on Advances in Computing (NCAC-2018), 21 Feb-2018	Sachin Y. Zade Dr. P. K. Butey Dr. A. J. Chamatkar	Poster presented on Comparative Overview of Big Data, Data Mining and Data Science
2.	National Conference on Advances in Computing (NCAC-2018), 21 Feb-2018	Dr. Prajakta S. Ratnparkhi Dr. P. K. Butey Sachin Y. Zade	Poster presented on Application of Neural Network in IRIS Recognition Method for Mobile Phones
3.	National Conference on Advances in Computing (NCAC-2018), 21 Feb-2018	Dr. Pahul Kharabe Dr. P. K. Butey Dr. Ramesh Manza	Poster presented on Retinal Blood Vessels Extraction and Calculate Diameter of Artery, Vein and Capillaries using Gabor Filter
4.	International Journal of Engineering Research and Application. Vol. 7 Issue 11(Part-7) Nov-2017 pp 13-24 ISSN: 2248-9622	Monali Sachin Kawalkar Dr. P. K. Butey	Hybridizing Regular Expression with Query Processing to remove SQL Injection and XSS attacks
5.	International Journal of Computer Trends and Technology (IJCTT) Vol. 49 , 4 July 2017	Monali Sachin Kawalkar Dr. P. K. Butey	An Approach for Detecting and Preventing SQL Injection and Cross site Scripting Attacks using Query sanitization with regular expression
6.	International Journal of Advanced Research in Computer Science and Software and Software Engineering Volume 6, Issue 12, December 2016 ISSN: 2277 128x	Monali Sachin kawalkar Dr. P. K. Butey	A Review on SQL Injection Vulnerability and Comparative Analysis of their Detection and Prevention Techniques
7.	National Conference on Advanced Technology NCOAT-NIRMITI-2016	P. K. Butey	Benchmark Function Analysis by Using Nature Inspired Algorithms
8.	International Journal of Computer Science and Information Technology Research Excellence Vol. 3, Issue 4, Jul-Aug 2016 ISSN No, 2250-2734	Deepak Shudhalwar P. K. Butey	Neural Network Techniques for Software Reliability Modeling
9.	Journal of Chemical and Pharmaceutical Sciences. ISSN: 0974-2115, Oct-Dec 2016	Jithesh K S. B. Kishor Pradeep K. Butey	Digital Steganography through Enhanced Multi-Party Covert Communication
10.	International Journal of Advanced Research (IJAR) ISSN: 2320-5407 Aug-2016	Jithesh K S. B. Kishor Pradeep K. Butey	A Closer look at Categories of Steganography Techniques
11.	The International Arab Journal of Information Technology, Vol. 13, No. 6A, 2016	Jitesh Korothan Shrivass Kishor Pradeep Butey	De-Noise Steganography by Enhancing the Cover Image: A Multi-Level Security Approach
12.	International Journal of Pure and	Deven Kene	A survey on Web Content Mining

	Applied Research in Engineering and Technology, IJPRET, 2015; Volume 3 (9): 292-298 ISSN:2319-507x Impact Factor:4.226	Dr. Pradeep K. Butey	
13.	National Conference on “Advanced Technologies in Computing and Networking” –ATCON-2015 ISSN: 2277-9477	Deven M.Kene Dr. Pradeep K. Butey	Web Content Mining Tools for Information Extraction in Wen Environment
14.	2 nd International Conference on Emerging Trends in Computer Science, Communication and Information Technology, 9th to 11th February 2015	Deven M. Kene Dr. Pradeep K. Butey	Extraction Informative Web Content using Web Page Segmentation Approaches
15.	International Journal of Emerging Trends & Technology in Computer Science (IJETTCS) Volume 4, Issue 1, January-Feb 2015	Radha A. Pimpale P. K. Butey	A Review on Nature Inspired Algorithms for clustering
16.	International Journal of Computer Engineering & Technology (IJCET) Volume 6, Issue 2, February (2015), pp. 54-74	NalayKarade Dr. Manu Pratap Singh Dr. Pradeep K. Butey	Handwritten Character Recognition Using Feed-Forward Neural Network Models
17.	International Journal of Computer Engineering & Technology (IJCET) Volume 6, Issue 1, January (2015), pp. 01-11	Ms. Aruna J. Chamatkar Dr. P. K. Butey	Performance Analysis of Data Mining Algorithms with Neural Network
18.	2 nd International Conference on Emerging Trends in Computer Science, Communication and Information Technology. ISBN 978-81-923487-1-1, Feb 9-11, 2015	Deven M. Kene Dr. Pradeep K. Butey	Extracting Informative Web Content using Web page Segmentation approaches
19.	Int. Journal of Engineering Research and Applications ISSN: 2248-9622 Vol. 4 Issue 5 (Version 3) May 2014 pp38-41	Ms. Aruna J. Chamatkar Dr. P. K. Butey	Importance of Data Mining with Different types of data Applications and Challenging Areas
20.	International Journal of Advanced Computer Research (ISSN(Print): 2249-7277) 14 March 2014	Deepak Shudhalwar P. K. Butey	Faults Prediction for Component based software using Interrelated Feed forward Neural Networks
21.	International Journal of Computer Engineering & Technology (IJCET) Volume 5, Issue 12, December (2014), pp. 264-274	Ms. Aruna J. Chamatkar Dr. P. K. Butey	A Comprehensive Study of Data Mining Methods with Implementation of Neural Network Techniques
22.	JCSE International Journals of Computer Sciences and Engineering Open Access Vol-2, Issue-10 E-ISSN:2347-2693, 31 st Oct 2014	Ms. Aruna J. Chamatkar Dr. P. K. Butey	Comparison on Different Data Mining Algorithms
23.	International Journal of Computer Application Issue 4, Volume 4(July-August 2014) ISSN: 2250-1797	Ms. Aruna J. Chamatkar Dr. P. K. Butey	Data mining Classification Methods and Different Techniques
24.	International Journal of Computer Engineering & Technology (IJCET)	Ms. Prajakta S. Ratnaparkhi	Smart Decision Making Fuzzy Logic for Knowledge Management System

	Volume 5, Issue 10, October (2014), pp. 41-50	Dr. Pradeep K. Butey	
25.	International Journal of Computer Engineering & Technology (IJCET) Volume VII, Issue II, Part II, August 2014	Ms. Prajakta S. Ratnaparkhi Dr. Pradeep K. Butey	An Application of ANT Colony Optimization in A knowledge Mining Environment
26.	International Journal of Computer Engineering & Technology (IJCET) Volume 5, Issue 8, August 2014, pp.79-85	Ms. Prajakta S. Ratnaparkhi Dr. Pradeep K. Butey	An outline of Knowledge Mining Multi-Tier architecture for decision Making
27.	International Journal of Advanced research in Computer Science Volume 5 No. 4 April 2014 ISSN No.0976-5697	Ram K. Nawsalkar V. M. Thakre Pradeep K. Butey	Stress Monitoring using Music Therapy Techniques for health care and wellness
28.	International Journal of Computer Engineering and Applications (IJCEA) ISSN 2321-3469, Volume VII, Issue II, Part II, August 2014	Ms. Prajakta S. Ratnaparkhi Dr. P. K. Butey	‘An Application of Ant Colony Optimization in a Knowledge Mining Environment’
29.	International Journal of Advanced Research in Engineering and Technology (IJARET) Volume 5, Issue 8 August(2014), pp. 79-85	Ms. Prajakta S. Ratnaparkhi Dr. P. K. Butey	‘An Outline of Knowledge Mining Multi-Tier Architecture for Decision Making’
30.	International Journal of Advanced Research in Computer Science, Volume 5, No. 4, April 2014 (Special Issue), ISSN No. 0976-5697	Ram K. Nawasalkar V. M. Thakre Dr. Pradeep K. Butey	‘Stress Monitoring Using Music Therapy Technology for Health Care & Wellness’
31.	International Journal of Advanced Computer Research (ISSN (print 2249-7277 ISSN (online): 2277-7970) Volume-4 Number-1 Issue-14 March 2014	Deepak Shudhalwar Dr. Pradeep K. Butey	‘Faults Prediction for Component Based Software Using Interrelated Feed Forward Neural Networks’
32.	International Journal of Computer Application (0975-8887)-2013	Ram K. Nawsalkar Nilesh M. Shingnapure Pradeep K. Butey	Extracting Melodic pattern of ‘Mohan Veena’ from Polyphonic Audio Signal of North m Indian Classical Music
33.	International Journals of Emerging trends and Technology in Computer Sciences (ITETTCS) Volume 2, Issue 2. March-April 2013	Ram K. Nawsalkar Harshal R. Lawange Surajkumar D Gupta Pradeep K. Butey	Study of Comparison of human bio-Signals for emotion detection using HCI
34.	International Journal of Advanced Computer Research (ISSN(Print): 2249-7277) 11 th Sep 2013	Prajakta C. Dhote Pradeep K. Butey	An Application of Fuzzy Logic for expert Selection
35.	SPM-JAR Journal of Academic Research ISSN 2277-3908 ,2013	Prajakta C. Dhote Pradeep K. Butey	Database Performance in Knowledge Management System: Challenges and Measures
36.	International Journal of Computer Applications (0975-8887) “Recent Trends in Engineering Technology-2013”	Ram K. Nawasalkar Nilesh M. Shingnapure Dr. Pradeep K. Butey	‘Extracting Melodic Pattern of ‘Mohan Veena’ from Polyphonic Audio Signal of North Indian Classical Music’
37.	International Journal of Emerging Trends & Technology in Computer Science (IJETTCS), Volume 2, Issue 2,	Ram K. Nawasalkar Harshal R. Lawange Surajkumar D. Gupta	‘Study of Comparison of Human Bio-Signals for Emotion Detection Using HCL’

	March-April 2013 ISSN 2278-6856	Dr. Pradeep K. Butey	
38.	International Journal of Advanced Computer Research (ISSN (print):2249-7277 ISSN (online) 2277/7970) Volume-3 Number-3 Issue-11 Sepetember-2013	Prajakta C. Dhote Dr. Pradeep K. Butey	‘An Application of Fuzzy Logic for Expert Selection’
39.	Volume 2, Issue 1, 2013: 149-152, SPM-JAR Journal of Academic Research ISSN 2277-3908	Dr. Pradeep K. Butey Prajakta C. Dhote	‘Database Performance in Knowledge Management System: Challenges & Measures’
40.	International Journal of Computer Science & Information Technology, Research Excellence Vol 3, Issue 4, Jul-Aug 2013, ISSN No. 2250-2734, EISSN No. 2250-2742	Dr. Pradeep K. Butey Deepak Shudhalwar	‘Neural Network Techniques for Software Reliability Modeling’
41.	Journal of Information Technology and Engineering Vol.3 No. 1 Jan-June 2012 pp. 44-+51 ISSN:2229-7421	Dr. P. K. Butey Prof. Shweta Meshram Dr. R. L. Sonolikar	Query Optimization by Genetic Algorithm
42.	International Journal of Modern Engineering Research (IJMER) Vol. 2, issue. 5, Sep-Oct 2012 pp-3289-3291 ISSN: 2249-6645	Ram K. Nawsalkar Pradeep K. Butey	Analytical and Comparative Study on effect of Indian Classical Music on human body using EEG based signals
43.	International Journal of Modern Engineering Research (IJMER), Vol. 2 Issue. 5, Sep. Oct 2012 pp-3289-3291	Ram K. Nawasalkar Dr. Pradeep K. Butey	‘Analytical and Comparative Study on effect of Indian Classical Music on Human body using EEG based signals’
44.	Journal of Information Technology & Engineering, Vol 3 No. 1 Jan-June 2012 pp 44-51	Dr. Pradeep K. Butey Prof. Shweta Meshram Dr. R. L. Sonolikar	‘Query Optimization by Generic Algorithm’
45.	International Journal of Computational Intelligence Research ISSN 0973-1873 Vol.3, (2007),pp.267-275	Mukul Jain P. K. Butey Manu Pratap Singh	Classification of Fuzzy-Based Information using Improved Back propagation Algorithm of Artificial Neural Networks
46.	Vol 19, No. 1 (2007)	P. K. Butey Karan Singh	Planning and Selection of Field operation through Decision Support System
47.	International Journal of Computational Intelligence Research (IJCIR), ISSN 0973-1873, pp 265-273, Jan-2007	Mukul Jain P. K. Butey Manu Pratap Singh	‘Classification of fuzzy based information using improved back propagation algorithm of Artificial Neural Network’
48.	Ultra Science, Vol. 19, No. 1, April 2007	P. K. Butey Karan Singh	‘Planning and selection of field operations through decision support system.’
49.	Ultra Science Vol 19 No 3M 2007 Dec	P. K. Butey Manu Pratap Singh	‘Back propagation Algorithm of Fed Forward Neural Network for the Classification of Fuzzfied Information’
50.	Vol 17(1)M, pp. 1-6 (2005)	P. K. Butey Karan Singh, S. S. Thakur,	Application of Vague sets in keyword proximity search in Relational Databases

51.	Vol 17(1) M, pp. 1-6. 17-26 (2005)	Karan Singh P. K. Butey M. Lal	Uncertainty management through vague rough set model
52.	Ultra Science, Vol 17(1) M, pp. 1-6(2005)	P. K. Butey Karan Singh S. S. Thakur	‘Application of vague sets in keyword proximity search in relational database’
53.	Ultra Science, Vol 17(1) M, pp 17-26 (2005).	Karan Singh, P. K. Butey, S. S. Thakur	‘Uncertainty management through vague rough set model’
54.	Post RAAG, No 340, Nov-1999	T. M. Karade K. T. Thomas P. K. Butey	On Infinitesimal Transformation which Preserve Spherical Symmetry of the times V_5
55.	Post RAAG, No 340, Nov	T. M. Karade K. T. Thomas P. K. Butey	On Infinitesimal Transformation which Preserve Spherical Symmetry of the times V_n
56.	Post RAAG, No 340, Nov	T. M. Karade K. T. Thomas P. K. Butey	On Spherical Symmetric Space times V_{n-I}
57.	POST – RAAG Reports Research Notes and Memoranda of Applied Geometry, No. 340, November 1999, pp 27-36	T. M. Karade K. T. Thommas P. K. Butey	‘n dimensional spherically symmetric space times’
58.	POST – RAAG Reports Research Notes and Memoranda of Applied Geometry, No. 340, November 1999, pp. 27-36	T. M. Karade, K. T. Thommas P. K. Butey	‘Spherically symmetric quantities in higher dimensional space times’

2. Ph. D Awarded/ Submitted/ Working Students:

Awarded

Deepak Shudhalwar

Pankaj V. Nimbalkar

Ms. Prajakta S. Ratnaparkhi

Ms. Aruna J. Chamatkar

Ms. Shweta Meshram

Mr. Manish Deshpande

Mr. Ram K. Nawasalkar

Ms. Deepti Patange

Mr. Sachin Tayde

Submitted

P. Y. Karmore

Radha Pimpale

Monali Sachin kawalkar

Working

Sarat Kumar

Pravin Kuthe

3. Books Published:

1. Front End Development using Visual Basic 6.0 by **Dr. Pradeep Butey**, Dr. Girish Katkar and Dr. Pravin Ghosekar, Rajani Publication, 2010
2. Database Management System & Oracle, by **Dr. Pradeep Butey** and Vaishali Rane, Rajani Publication, 2010
3. Visual Basic Programming by **Dr. Pradeep Butey**, Dr. Girish Katkar And Dr. Pravin Ghosekar, Rajani Publication, 2011

4. Conference / Workshops / Modules etc attended:

Name of the Conference / Workshop etc	Sponsoring Agency	Name of the place and duration
A Certificate Course in BASIC programming	Nagpur University, Nagpur	J. M Patel College, Bhandara
Refresher Course in Computer Science	Nagpur University, Nagpur	IICC Nagpur University Campus, Nagpur, 4 weeks, viz. 24-10-1998 to 16- 11-1998
Refresher Course in Computer Science	Nagpur University, Nagpur	IICC Nagpur University Campus, Nagpur , 4 weeks, viz. 19-07-1999 to 11- 08-1999
Refresher Course in Computer Science	Nagpur University, Nagpur	IICC Nagpur University Campus, Nagpur , 4 weeks, viz. 10-07-2000 to 02- 08-2000
Refresher Course in Computer Science	Nagpur University, Nagpur	IICC Nagpur University Campus, Nagpur , 4 weeks, viz. 18-10-2004 to 07- 11-2004
International Conference on Mathematical Physics	UGC, DST DOE	Deptt of Mathematics, Nagpur University, Nagpur 11-16Jan 1999
National Symposium on Mathematical Science	Nagpur University, Nagpur	Deptt of Mathematics, Nagpur University, Nagpur 1-5 Mar 2001
National Seminar on IT	UGC, New Delhi	Deptt. of Computer Science and Engg., Amravati University, Amravati ,22-24 Jan 2000
National Seminar cum Workshop on Interdisciplinary Application of Statistics	UGC, New Delhi	Deptt. of Statistics , Nagpur, University, Nagpur., 24 Feb 2002
National Seminar on IT	Arts, Commerec & Science College, Tukum & Association of teachers of C/S	Arts, Commerce & Science College, Tukum, 3 Jan 2002
National Seminar on Novel Synthesis of Materials	KNMV, Nagpur and Luminescence society of India	Kamla Nehru Mahavidyalaya, Nagpur, 22 Dec 2002
University Level Symposium on Fiber Optics Communication	UGC	Dr. Ambedkar College, Chandrapur ,30 Jan 2003

State level Seminar on “Recent trends in Telecommunication”	Dr. Ambedkar College & Institution of Electronic & Telecommunication Engineers	Dr. Ambedkar College, Nagpur, 1 Feb 2003
National Seminar on Recent trend in Mathematics (NSRTM-2004)	KNMV. Nagpur & PGTD (Maths.) N. U. Nagpur	Kamla Nehru Mahavidyalaya, Nagpur, 11 Jan 2004
National Seminar on Advanced Materials (NSAM-2004)	KNMV, Nagpur and Luminescence society of India	Kamla Nehru Mahavidyalaya, Nagpur, 1 Feb 2004
National Seminar on Network Security Through Graph Theory & Cryptology	Ministry of Communication & IT, Govt. of India	D. B. Science College, Gondia, 13 Aug 2006
Seminar on IT & Its Impact on commerce Education	UGC	Kamla Nehru Mahavidyalaya, Nagpur 29 April 2001

5. Participation in University:

- Senate member RTM Nagpur University from 2017 to 31 Aug 2022
- Chairman Board of Studies in Computer Science in the faculty of Science from January 2011 to 31st August 2015.
- Member Grievance committee RTM NU, Nagpur from January 2011 to 31st August 2015.
- Member Academic council RTM Nagpur University, Nagpur from January 2011 to 31st August 2015.
- Ex-Chairman Board of Studies in Computer Science in the faculty of Science from January 2006 to 2009.
- Member Academic council RTM Nagpur University, Nagpur from January 2006 to 2009
- In Charge, Inter Institute Computer Center (IICC) Nagpur university Nagpur during 2000-2004.
- Senate Member of RTM Nagpur University, Nagpur during 2000-05.
- Chairman of Local Enquiry Committee (LEC) of RTM Nagpur University, Nagpur.
- Member, Ad-hoc Board of Studies in Computer Science, Nagpur University, Nagpur during 1990 to 2006.
- Member, Ad-hoc Board of Studies in Computer Application, Nagpur University, Nagpur during 1990 till date.
- Member, Syllabus Committee , RTM Nagpur University, Nagpur
- Member, Placement Committee, RTM Nagpur University, Nagpur
- Subject Expert, Selection Committee for Lecturers of RTM Nagpur University
- Member, Selection Committee for Lecturers of Makhanlal Chaturvedi National Open University, Bhopal (MP)
- Chairman / Member, Subject examination committee in Computer

Science and Computer Application RTM Nagpur University, Nagpur.

- Member, Subject examination committee, SRT University, Nanded.
- Member, Working Group & Vocational Curricula on Computer Technique PSSCIVE, Bhopal (MP) [Central Government Organization under HRD]
- Member Special Examination Committee RTM Nagpur University, Nagpur (2005 to till date)
- Member University Examination visiting Squad
- Chairman RTM Nagpur University Computer Science teachers organization.

6. Membership of Academic Bodies:

- Life Member, University Teachers Organization, Nagpur.
- Life Member, Young Teachers Organization, Nagpur.
- Life Member of CSI

7. Academic Responsibilities:

1. Coordinator for NAAC committee during their visit in year 2004 at KNM, Nagpur.
2. Worked as member of placement committee in the college
3. Worked on various committees of the college

8. Guest Lectures delivered:

1. Guest lecture delivered in various Orientation and Refresher courses
2. Guest lecture delivered in state level seminars on IT

2. Prof. Mrs. V. R. Kharabe

International Journals

- 1) Paper published in **International Journal of Physics D : Applied Physics**
J. Physics. D. Applied Physics 41 (2008)205413, pp 7. Doi : 10.1088 / 022-3727/141 / 205413
“Synthesis of Dy³⁺ and Ce³⁺ activated Sr₆BP₅O₂₀ and Ca₆BP₅O₂₀ Borophosphate Phosphors.” V. R. Kharabe, S. J. Dhoble, S. V. Mohril. Published – 1 October 2008.

International Conference

- 2) Paper published in **International Conference “Luminescence and its application”,**
Dy³⁺ activated Sr₆BP₅O₂₀ Novel Phosphor for White LED”. V. R. Kharabe, A. K. Talekar, “S. J. Dhoble, I. M. Nagpure, S. B. Godbole, M. K. Bhide, S. V. Mohril at Delhi 13th – 16th February 2008. (ICLA – 2008), pp 245.
- 3) Paper published in **International Conference “Luminescence and its application”, “Ce³⁺ luminescence characteristics of Sr₆BP₅O₂₀ and Ca₆BP₅O₂₀ Borophosphate Phosphor.” PV.**
Farkade, **V. R. Kharabe, S. J. Dhoble, S. V. Mohril at Delhi 13th – 16th Feb. 2008. (ICLA – 2008), pp 219.**
- 4) Paper published in **International conference on Luminescence entitled “Blue emission of Ce³⁺ ions in Sr₆B₅AlO₁₅ and Ca₆B₅AlO₁₅ boroaluminate phosphor”** organized at RGUKT, Hyderabad, Feb.7-10, 2012.(ISBN/ISSN no.- 81-6717-806-5

National Seminars / Conference

- 5) Paper published on **“Review of Novel Synthesis of Recently Developed Borate Based Phosphors”**,
V. R. Kharabe, S. J. Dhoble, S. V. Mohril. Proc. Of National Seminar on Novel Synthesis of material , 22 Dec. 2002. KNM Nagpur. (NSNSM - 2002),pp 80.
- 6) Paper published on **“Synthesis and Photoluminescence of Ce³⁺ activated MgO-B₂O₃ system”**, **V. R. Kharabe, S. J. Dhoble, S. V. Mohril. Proc. Of National Seminar on Advanced Materials, 1 Feb. 2004, KNM, Nagpur. (NSAM - 2004), pp 85.**
- 7) Paper published on **“Combustion Synthesis of Ca(BO₃)₃F:Eu red Phosphor”**, Sawarkar, **V. R. Kharabe, S. J. Dhoble, S. V. Mohril. Proc. of National seminar on Recent Trends in material science at Sakoli. Distt. Bhandara 10th Mar 2007.(NSRTMS – 2007), pp 58.**
- 8) Paper published on **“Combustion Synthesis of SrB₄O₇:Eu Phosphor”**, M. Pustode, **V. R. Kharabe, S. J. Dhoble S. V. Mohril. . Proc. Of National Seminar on Recent Trends in material science at Sakoli. Distt Bhandara. 10th March 2007. (NSRTMS – 2007),pp 53.**
- 9) Paper published on **“Synthesis & PL Characterization of Ce³⁺ activated Strontium Pentaborate phosphor” V. R. Kharabe, Naresh Sarkar, S. J. Dhoble, S. V. Mohril. Proc. Of National Conference on “Synthesis and Characterization of New Material and Application” Organized by KNM, Nagpur on 15th March 2009. (NCSCNMA – 2009), pp 53.**
- 10) Paper Published on **“ Synthesis and PL characterization and CaBPO₅:Eu Phosphor”**,
V. R. Kharabe, Pranali Tembhurne, S. J. Dhoble, S. V. Mohril. Proc. Of National Conference on “Synthesis and– Characterization of New Material and Application” Organized by KNM, Nagpur (NCSCNMA 2009), 15th March 2009. pp 141.
- 11) Paper published on **“Synthesis and PL Characterization of Ce³⁺ and Dy³⁺ Activated Calcium Hexaborate Phosphor.” V. R. Kharabe, Apurba Ghosh, S. J. Dhoble. Proc. Of UGC sponsored National Conference on “Recent Trends in Material Synthesis and characterization” at Bhalerao Science college, Saoner. on 4th and 5th Dec. 2009. (NCRTMSC – 2009), pp 9.**

- 12) Abstract published on **“Synthesis and PL Characterization of Ce^{3+} and Dy^{3+} Activated M_3BPO_7 (M = Ba, Ca) Phosphor”** V. R. Kharabe, S. J. Dhoble. Proc. Of **National Conference** on “Luminescence and its Applications” at Gandhigram Rural Institute Kalasalingam University (NCLA – 2010), February 9 – 11 , 2010, pp 28.
- 13) Paper published on **“Dy Activated $Ba_6BP_5O_{20}$ Phosphor for White LED.”** V. R. Kharabe, S. J. Dhoble. Proc. Of **National Conference** on “Recent Advancement in Material Science” Jagat Arts, Commerce & Indiraben Haribhai Patel Science College, Goregoan (NCRAMS – 2010), 25 February 2010, pp 190.
- 14) Paper published on **“Synthesis and PL characterization of Dy^{3+} activated Calcium Borate Phosphors.”** V.R. Kharabe and S.J. Dhoble, in Proceedings of UGC sponsored **National conference** on “Novel materials and their applications” organized by Nilkantharao Shinde Science and Arts College, Bhadrawati, (NCNMA-2010) ,18th Dec 2010,pp 148
- 15) Paper published on **“Photoluminescence of Ce^{3+} activated ($Ca_6B_5AlO_{15}$) Calcium Pentaborate Alluminate Phosphor.”** V.R. Kharabe in Proc. Of UGC sponsored **National Conference** “Green chemistry for environment and human health” organized by dept of chem. Kamla Nehru Mahavidyalaya, Nagpur (NCGCEHH-2011), 20th Jan 2011,pp 16
- 16) Paper Published on **“PL Characterization of Ce^{3+} activated $CaO-B_2O_3$ system.”** -V.R. Kharabe, S.J. Dhoble, in the Proceeding of **National Conference** on “Luminescence and its Applications” at Pandit Ravishankar University, Raipur, 7th to 9th Feb 2011, pp 166.
- 17) Paper published on **“Photoluminescence in Eu doped Calcium borate Phosphor”** V.R. Kharabe, S.J. Dhoble, in Proc. Of UGC sponsored **National conference** on Nano Science and Technology organized at Science college, congress nagar, Nagpur. 21st and 22nd Feb 2011, pp 247.
- 18) Paper Published **“Synthesis and PL Characterization of Ce^{3+} activated $Na_3SrB_5O_{10}$ phosphor”** R.P. Tadurwar, V.R. Kharabe, S.J. Dhoble in the Proceeding of **National conference** on “Advanced Technology in Material Science And Their Applications”) at Arts, Commerce and Science College, Arvi (NCATMSA-2011), 6th March 2011,pp 208.
- 19) Paper published in National conference on Synthesis and Characterization of Advanced Materials (NCSCAM-2011) entitled **“Luminescence characterization of Dy^{3+} ion in Ba_3BPO_7 and Ca_3BPO_7 phosphors”** organized at Janata Mahavidyalaya Chandrapur, Oct 08, 2011. .(ISBN/ISSN no.- 978-93-81660-32-4)
- 20) Paper published in national conference on Recent trends in material synthesis and characterization (NCRTMSC-2011) entitled **“Synthesis and characterization of Eu doped $Mg_5Al(BO_3)_3F$ phosphor”** at Bhalerao science college Saoner, 17th Dec 2011. . (ISBN/ISSN no.-978-81-922229-1-2)
- 21) Paper published in national conference on “Technologies in engineering and science for energy application (NCTESEA-2012) entitled **“Synthesis and characterization of $MgAlBO_4:Eu$ phosphor”** Bionano Frontier, vol. 5(2012)41-44, (ISBN/ISSN no.-0974-0678)

RESEARCH PROJECTS CARRIED OUT

Sr.No	Sponsored By	Duration	Subject /Theme of Project
1	UGC	Synthesis & Characterization of Borate Based Phosphor	RS.36,000/-No.F.47-24/2003
2	UGC	Synthesis & Charaterization of rare earth Doped $BaBPO_5$, Ba_3BPO_7 , $M_6BP_5O_{20}$ phosphor	Rs.47,000/- No .F.47-230/07

Sr.no	Name of the Students	Subjects	Year
1	Mangesh Pustode	Combustion synthesis and characterization of SrB_4O_7 : Eu phosphor	2006-07
2	Ku . Anjali Talekar	Synthesis and characterization of Borophosphate phosphor for lamps and solid state lighting device.	2007-08
3	Ku. Priyanka Farkade	Synthesis and characterization of MBPO_5 (M=Ca,Ba,Sr) “A novel phosphor for white LED”.	2007-08
4	Naresh Sarkar	Synthesis and characterization of Aluminate Borate phosphors .	2008-09
5	Pranali Tembhone	Synthesis and characterization of Borophosphate based phosphors .	2008-09
6	Apurba Ghosh	Synthesis and PL characterization of Dy and Ce activated calcium borate phosphors.	2009-10
7	Ku.Meena dudhane	Synthesis and PL characterization of Eu activated calcium borate phosphors.	2009-10
8	Roshan Tadorwar	Synthesis and characterization of rare earth doped pentaborate phosphors.	2010-11
9	Abhilasha Jain	Study of Luminescence Properties of MAlBO_4 (M=Ca, Sr) Phosphors	2011-12
10	Deviprasad Tripathi	Synthesis and PL Characterization of rare earth Activated (MgAlBO_4) phosphors for Lamps and Solid State Lighting Devices	2011-12

3. Dr. Mrs. S.M.Gadegone

List of research paper publications

Major / Minor Research Project: Completed /On Going

S.No	Title	Agency	Period	Grant / Amount Mobilized (Rs lakh)
1	Working Condition & Economic Problems of Workers in Engineering Workshop in Nagpur.	UGC	Two Years	Rs.70000

4. Prof A.I Kamble

MRP On Going

Title	Agency	Period	Grant / Amount Mobilized (Rs lakh)
The Study of Social & Economic Condition of Matang Community In Nagpur	UGC	2010-2012	Rs. 60000/-

5. Prof. Anil R. Bhaik

Ongoing Project

Sponsored by	Duration	Subject/ theme of project	Amount sanctioned(Rs)
UGC	2004 – 2006	Synthesis & stereochemical characterisation of coordinate polymer & their applications'	Rs. 37,000/-

6. Dr. P. B. Dahikar

List of research paper publications

National Journals:

1. Temperature Controlling And Monitoring System For Thermoluminescence **P. B. Dahikar**, S.J.Dhoble And S.V. Moharil Journal Of Instrumentation Soc. India, 37(1) 15th March 2007, 13-19 .
2. “Computerization Of Lyoluminescence Device” **P. B. Dahikar**, S.J.Dhoble & S.V.Moharil Journal Of Instrumentation Soc. India
3. “m-Health :The effectiveness of systematic Helthcare Knowledge Freme work for Health Monitoring system Using Smart Phones” Onkar S Khemkar, P. B. Dahikar, Journal of Instrumentation Soc. India, 41(1) 15th march 2011, 37-40.
4. “Virtual Intelligence softlab for PN Junction Experiments” B Y Kathane, P. B. Dahikar, Journal of Instrumentation Soc. India, Accepted 15th sept 2011

International Conferences (06)

1. “Synthesis Of Sm³⁺ And Tm³⁺Activated Optoelectronics Materials For Electroluminescence Thin Film” S. J. Dhoble, D. S. Raghuwanshi, **P. B. Dahikar**, R. P. Patel, And B. P. Chandra, Proc. Of 6th International Conf. ‘Photonic2002’ TIFR Mumbai. 16-18 Dec 2002.
2. “Deformation Induced Luminescence In (Dil) _-Irradiated Rare Earth Doped Caf₂ Crystals”. R. S. Kher, **P. B. Dahikar**, S. J. Dhoble, International Conference On Material For Advanced Technologies, Singapore.07 Dec. –12dec 2003
3. Automonitoring Of Appliances By Internet, Vivek Katare, **P. B. Dahikar**, S. J. Dhoble. An International Conference Held At Pune 21st To 24th Jan 2010.
4. Pc Based Radiophotoluminescence Measurement System **P. B. Dahikar**, S.J. Dhoble An International Conference Held At Pune 21st To 24th Jan 2010.

5. RF Remote Control Of Power Line Devices Using Embedded System P K Chakole, **P. B. Dahikar**, S. J. Dhoble An International Conference Of Instrument Society Of India Held At Pune 21st To 24th Jan 2010.
6. Application of Wireless Signal Simulation Via Cell Phones M.J Hedau M P Dhore P B Dahikar , 2011 International Conference on Circuits, System and Simulation proc. Of CSIT vol. 7(2011) © (2011) IACSIT (press Singapore) held at Bangkok, Thailand.

National Conferences (45)

1. “A Low Cost Pc Based Thermoluminescence Measurement Of Phosphors” **P. B. Dahikar**, R.R.Patil, S.J.Dhoble & S.V.Moharil Proc Of ‘National Symposium On Luminescence And Its Application’ National Physical Laboratory New Delhi. 12-13 Feb 2003
2. “Synthesis Of Optoelectronic Materials For TFEL Display Devices” **P. B. Dahikar**, R. P. Patel, & B. P. Chandra, Proc. Of ‘National Seminar On Novel Synthesis Of Materials’, Kamla Nehru Mahavidyalaya, Nagpur. 22 Dec. 2002.
3. “Particle Size Dependent Synthesis Of Advance Material Of Zns:Mn²⁺ Phosphor.” Ravi Sharma, S. J. Dhoble, **P. B. Dahikar**, & B.P.Chandra. Held At Kamla Nehru Mahavidyalaya Nagpur.Jan2003.
4. “Novel Synthesis Of SrAl₁₂O₁₉:Pb²⁺ Phosphor For Uv Radiation Dosimeters.” G.V.Bramhe, S.J.Dhoble, **P. B. Dahikar**, And S.V. Moharil, National Workshop On Radiation Safety, Held At Nuclear Science Center, New Delhi
5. “Synthesis Of Srs:Gd Nanoparticles By Solid State Diffusion Technique” S.J.Dhoble, **P. B. Dahikar**, Proc. Of National Seminar Organized By Lit Nagpur Nsgcsm 2004 On 20th & 21st Nov 2004 (Pg 29-31)
6. Thermoluminescence In MgSO₄:Dy³⁺ Phosphor Upadhyay, Vikas Gulhare, **P. B. Dahikar**, S. J. Dhoble And R. S. Kher National Conference On Luminescence And Its Application Coimbatour 18th Jan 2007
7. Photoluminescence And Thermoluminescence In K₂SO₄:Ce³⁺ New Phosphor, **P. B. Dahikar**, S. J. Dhoble, S. C. Gedam, S. V. Godbole, M. K. Bhide And S. V. Moharil, National Conference On Luminescence And Its Application Coimbatour 18th Jan 2007
8. “Preparation Of CaF₂:Eu Phosphor For Rpl Dosimetry” V.B.Pawade, A. D. Deshmukh, **P. B. Dahikar**, And S.J.Dhoble In Proc Of National Conference Recent Trends In Material Science, Sakoli 10th March 2007.
9. “Review Of Synthesis Of Organic Phosphors” P.W.Yawalkar, **P. B. Dahikar**, S.J.Dhoble, P.G.105-109 Proc . Of National Conference On Recent Trends In Nanoscience (Ns 2006) 15th Jan.2006.
10. “Past, Present And Future Of Display Devices” P.G.115-117proc.Of National Conference On Recent Trends In Nanoscience Versha Rangari, **P. B. Dahikar**, S.J.Dhoble (Ns 2006) 15th Jan.2006.
11. Pc Based Radiophotoluminescence Reader **P. B. Dahikar**, S. J. Dhoble And S.V. Moharil Instrumentation Soc. India Communicated For Nsi-32.
12. “ Design Of Digital Dielectric Constant Meter” R.M.Das, **P. B. Dahikar**, & S. J. Dhoble, Proc Of 5th National Conf ‘Solid State Ionic’ Dept. Of Physics, Nagpur University, Nagpur, 15-17 Feb. 2002.
13. “Pc Based Analyzer Design For Dielectric Material.” A. R. Fulamberkar, **P. B. Dahikar**, And S. J. Dhoble National Seminar On Recent Advances In Mathematical Physics, Shri Dyanesh Mv. Nawergaon .
14. “High Freq. Pulse Width Detector” Versha Rangari, **P. B. Dahikar**, S.J.Dhoble, B.C.Thakker National Symposium On Instrumentation (Nsi-30), 30, Nov To 2, Dec 2005 Abstract No.(135) Held At Cochin University, Cochin(Kerala)
15. “Automatic Liquid Flow Controller” Versha Rangari, **P. B. Dahikar**, S.J.Dhoble, B.C.Thakker National Symposium On National Symposium On Instrumentation (Nsi-30), 30, Nov To 2, Dec 2005 Abstract No.(136) Held At Cochin University, Cochin(Kerala)

16. Ultrasonic Distance Measuring System” Versha Rangari, **P. B. Dahikar**, S. J. Dhoble, National Symposium On Instrumentation (Nsi-30),30nov To 2,Dec 2005. Abstract No.(137) Held At Cochin University, Cochin(Kerala)
17. “Dielectric Constant Measurement Apparatus & Technique For Liquid Media At Low Frequency” K.D.Gaikwad, Versha Rangari, **P. B. Dahikar**, S. J. Dhoble, National Symposium On Instrumentation (Nsi-30), 30nov To 2dec2005. Abstract No. (138) Held At Cochin University, Cochin (Kerala)
18. “Recent Advances In Thin Film Transistors (Tft’s)” P. W. Yawalkar, B. M. Bahirwar, **P. B. Dahikar**, S. J. Dhoble, P.G. 91-97 Proc. Of National Conference On Recent Trends In Nanoscience (Ns 2006) 15th Jan.2006.
19. “Digital Analgacio Meter” Proc Of National Symposium On Instrumentation Versha Rangari, **P. B. Dahikar**, S. J. Dhoble. Abstract No 18 (Nsi-31),12th Oct To 15th Oct 2006 Held Gwalior M.P.
20. “Wireless Dc Motor Speed Control Using Microcontroller ” Proc Of National Symposium On Instrumentation K. D. Gaikwad, **P. B. Dahikar**, S. J. Dhoble Abstract No 18 (Nsi-31), 12th Oct To 15th Oct 2006 Held At Gwalior M.P.
21. Pc Based Radiophotoluminescence Reader **P. B. Dahikar**, S. J. Dhoble In National Conference On Materials Science: Trends And Future Jan 06-07, 2010 Held At Department Of Physics Vidyabharati Mahavidyalaya, Amravati.
22. Thermoluminescence Measurement System Using Embedded System **P. B. Dahikar**, S. J. Dhoble Held In National Conference On Material Science On 28th March 2010 Shivaji Science College Akola.
23. 23.Water Distribution And Purification By Scada & Internet” Kunal Gaikwad, **P. B. Dahikar**, Ugc Sponsored National Conference On Material Science On 28th March 2010 Shivaji Science College Akola
24. “Power Saving Of Street Light By Embedded Technology” Kunal Gaikwad, **P. B. Dahikar**, Ugc Sponsored National Conference On Material Science On 28th March 2010 Shivaji Science College Akola
25. Use Communication To Control Power Line Devices Using Embedded System & Smart Home Challenges Ugc Sponsored National Seminar, P.K. Chakole **P. B. Dahikar**, Recent ‘Trends In Digital Communication On 13th March 2010 Organized By Department Of Electronics N.H.College Brahmapury. Dist Chandrapur.
26. Processor For Embedded Applications Pp18 Ncerteta 2011 Knmv Nagpur M J Hedau , **P. B. Dahikar**,
27. Virtual Intelligent Softlab For Karnaugh Map Experiments33 Pp Ncerteta 2011 Knmv Nagpur, B. Y. Kathane, **P. B. Dahikar**
28. A Review Of Semantic Network Based System Architecture For Remote Medical Applications: Application And Its Methodologies 39 Pp Ncerteta 2011 Knmv Nagpur, Onkar Khemkar, **P. B. Dahikar**,
29. Design And Fabrication Of Data Downloader Using Microcontroller 66 Pp Ncerteta 2011 Knmv Nagpur, Mrs. P. S. Kuhikar, Ms. V. A. Khanzode, **P. B. Dahikar**,
30. Wireless Electrical Equipment Control System 77 Pp Ncerteta 2011 Knmv Nagpur, Mr. P. M. Sontakke*, **P. B. Dahikar**, Ms. P. M. Gaddamwar
31. Advance Agriculture Irrigation Technique Using Dtmf Decoder 83 Pp Ncerteta 2011 Knmv Nagpur,Ms. Juhi D. Umredkar*, Ms. Snehal G. Talewar, Ms. Ujwala M. Mute, **P. B. Dahikar**
32. A Novel Weighing Scale System For Purity And Cost Standardization 89 Pp Ncerteta 2011 Knmv Nagpur, K.D. Gaikwad, **P. B. Dahikar**, Dr.A.L.Chaudhri
33. Gsm Based Security System 97 Pp Ncerteta 2011 Knmv Nagpur,Mr. Gaurav P. Achkarpohre, Mr. Swapnil A. Nalamwar, **P. B. Dahikar**, Mrs. P. S. Kuhikar, Ms. P. M. Gaddamwar
34. Ultrasonic Obstacle Detector System 100 Pp Ncerteta 2011 Knmv Nagpur, Ms. Ujwala M Mute, Ms. Juhi D Umredkar, Ms. Snehal G Talewar, **P. B. Dahikar**,
35. Ardware Accelerators In Embedded Systems For Power Management 05 Pp Ncerteta 2011 Knmv Nagpur, Mr. Pravin Y. Karmore, Mrs. Swapnili P. Karmore, **P. B. Dahikar**

36. Microcontroller Based Motor Movement Controller Using Wireless technique 111 Pp Ncerteta 2011 Knmv Nagpur, Ms. Poonam M. Gaddamwar, Ms. Sonu K. Dahake, **P. B. Dahikar**
37. Bluetooth Controlled Vehicle Using Embedded System 115 Pp Ncerteta 2011 Knmv Nagpur, Ms. Sonu K. Dahake, Ms. Poonam M. Gaddamwar, **P. B. Dahikar**
38. Home Automation Using Dtmf 117 Pp Ncerteta 2011 Knmv Nagpur, Ms. Snehal G Talewar, Ms. Ujwala M Mute, Ms. Juhi D Umredkar, **P. B. Dahikar**,
39. Embedded System Based Controlling Appliances With Telephone 133 Pp Ncerteta 2011 Knmv Nagpur, Ms. B.J. Nagpure, **P. B. Dahikar**, Ms. P. M. Gaddamwar, Mrs. P. S. Kuhikar
40. Wireless Biomedical Monitoring System 141 Pp Ncerteta 2011 Knmv Nagpur, Mr. Sumit Parate, **P. B. Dahikar**, Mrs. Pratiksha S. Kuhikar.
41. Remote Monitoring Wireless Multi-Channel Data-Logger Using Embedded System 146 Pp Ncerteta 2011 Knmv Nagpur, Mr. Ashwin Ankar, **P. B. Dahikar**
42. Power Saving Of Street Light By Embedded Technology 164 Pp Ncerteta 2011 Knmv Nagpur, Ms. Kavita Gokhe, **P. B. Dahikar**
43. "m-Health :The effectiveness of systematic Healthcare Knowledge Framework for Health Monitoring system Using Smart Phones" Onkar S Khemkar, P. B. Dahikar, proc of Instrumentation Soc. India, NSI-35, held at Visvesvarya Technological University, Belgaum 7th to 9th jan 2011.
44. "Virtual softlab :A growth And Sustainability issue in Research in Educational Organisation" B Y Kathane, P. B. Dahikar, proc of National conf held at Tirpude college ,Nagpur. jan 2011.
45. "Virtual Intelligence softlab for PN Junction Experiments" B Y Kathane, P. B. Dahikar, proc of Instrumentation proc of Instrumentation Soc. India, NSI-35, held at Visvesvarya Technological University, Belgaum 7th to 9th jan 2011

Ph. D. Students Registered

1. Shri Mahesh J Hedau : "study of different parameters and application of processors" No. PhD cell / Research /Sci/843 B/ 578 dated 14/01/2009
2. Shri Ashish K. Rewatkar: "Development of luminescence in instrumentation using embedded techniques". No. PhD cell / Research /Sci/844 B/ 579 dated 14/01/2009
3. Shri Vivek N. Katore: "Auto monitoring of appliances by internet". No. PhD cell / Research /Sci/845 B /580 dated 15/01/2009
4. Shri Prashant G chakole: " Remote control of power line devices using embedded system". No. PhD cell / Research /Sci/847 B/ 582 dated 29/01/2009
5. Shri Shridher R Sharma: " An embedded system for temperature controller in industries and laboratories". No. PhD cell / Research /Sci/848 B/ 583 dated 16/01/2009
6. Shri Kunal D Gaikwad: "Development of measuring devices using embedded technology". No. PhD cell / Research /Sci/846 B/ 581 dated 16/01/2009.
7. Mr Ashwin Y Ankar: "Remote Monitoring Wireless Multichannel Data Logger Using Embedded System". No. PhD cell / RRC /Sci/371 B/ 854 dated 15/07/2009
8. Mr Onkar S Khemkar: "A Semantic Web Based Healthcare Knowledge Framework to Computerized and Operationalize Health Knowledge Artifacts In respect to Today's E-Health Delivery Models. No. PhD cell / RRC /Sci/577 / B/ 605 dated 21/01/2011.
9. Mr Bhaskar Y Kathane: Virtual Instrumentation No. PhD cell / RRC /Computer Sci./975 B/ 1650 dated 18/11/2010.
10. Mr. Nilesh Meshram: "E.M.R.: An approach to the Health Informatics Using A.T.M.-R Facility" No. PhD cell / RRC /Electronics /115 / B / 1026 dated 12/01/2010

Minor Research Project: Completed / On Going

Sponsored by	Duration	Subject/ theme of project	Amount sanctioned(Rs)
UGC	2005	Development of optoelectronic detectors & related low cost equipment for RPL Dosimetry and	

Project List of M. Sc. Students.

Sr. No.	Title of Project	Name of Student	Year
1	Solar panel based solar tracking cum inverter system	Ms. Switi Bhongekar	2011-12
2	Temperature Measuring Sensor	Ms. Meenal Bisen	2011-12
3	Remote ECG monitoring system	Mr. Priyang Baitule	2011-12
4	RF based wireless switching system	Ms. Sonali Patil	2011-12
5	RFID based Attendance System	Mr. Anil Kumar Pan	2011-12
6	Mobile Jammer	Mr. Swapnil Meshram	2011-12
7	Solar panel based solar tracking cum inverter system	Ms. Switi Bhongekar	2011-12
8	Wireless Biomedical Monitoring System	Mr. Sumit R. Parate	2010-11
9	GSM Based Security System	Mr. Swapnil Nalamwar	2010-11
10	GSM Based Security System	Mr. Gaurav Achkarpohare	2010-11
11	Agriculture Automatic Plant Irrigation System Using DTMF	Ms. Juhi D. Umredkar	2010-11
12	Home Automatic Using DTMF	Ms. Snehal G. Talewar	2010-11
13	Ultrasonic Obstacle Detector System	Ms. Ujwala M. Mute	2010-11
14	Microcontroller based motor speed controller using wireless technique	Ms. Poonam M. Gaddamwar	2007-08
15	Voice Recognition System	Ms. Kirti Makanwar Mr. Atul Sonkusure	2007-08
16	Data Downloader using Microcontroller	Ku. Vandana A. Khanzode	2007-08
17	High tension DC Power Supply	Mr. Vivek N. Katare	2005-06
18	Data acquisition system	Mr. Roshan Ghumade Mr. Vikas Dumbe	2005-06
19	Interfacing of Monochromatic with PC	Mr. Ashish R. Maske Ms. Siblin N Tupe	2005-06
20	Automatic gain Control using Microcontroller	Miss. Manjusha Gadge	2005-06
21	Design and fabrication of a sequential switching network	Mr. Kalyan Kolli	2003-04
22	Appliances control using DTMF	Ku. Pratiksha Pakhale	2003-04
23	High frequency pulse width detector	Mr. Kamlesh Chandekar	2003-04

6. Dr. W. B. Gurnule

List of research paper publications

National Journals:

1. Tarase M. V.; Zade A. B. and Gurnule W. B., Resin I: Synthesis, characterization and ion-exchange properties of terpolymer resins derived from 2,4-Dihydroxypropiophenone, Biuret and Formaldehyde Journal of Applied polymer science, **108(2)**, 738-746 (2008).
2. Rahangdale S. S.; Zade A. B. and Gurnule W. B., Terpolymer resin II: Synthesis, characterization and ion-exchange properties of 2,4-dihydroxyacetophenone-Dithiooxamide-Formaldehyde Terpolymers, Journal of Applied polymer science, **108(2)**, 747-756 (2008).
3. Gupta R. H.; Zade A. B. and Gurnule W. B., Resin IV: Synthesis and characterization of terpolymers derived from 2-hydroxyacetophenone, melamine and formaldehyde, Journal of Applied polymer science, **109(5)**, 3315-3320 (2008).
4. Mane V. D.; Wahane N. J. and Gurnule W. B., Copolymer resin VII: 8-hydroxyquinoline-5-sulphonic acid-thiourea-formaldehyde copolymer resins and their ion exchange properties, Journal of Applied polymer science, **111(6)**, 3039-3049 (2008)
5. Butoliya S. S.; Zade A. B. and Gurnule W. B., Terpolymer resin VIII: chelation ion exchanger properties of 2,4-dihydroxybenzophenone-oxamide-formaldehyde terpolymer resins, Journal of Applied polymer science (**Accepted**).
6. Tarase M. V.; Zade A. B. and Gurnule W. B., Thermal degradation studies of terpolymer resins derived from 2,4-dihydroxypropiophenone, biuret and formaldehyde, J. Ultra Chemistry, **3(1)**, 41-48 (2007).
7. Rahangdale S. S.; Zade A. B. and Gurnule W. B., Thermal degradation studies of 2,4-dihydroxyacetophenone-dithiooxamide-formaldehyde terpolymers., J. Ultra Science, **19(2)** 213-218 (2007).
8. Gupta R. H.; Zade A. B. and Gurnule W. B., Thermal analysis studies of terpolymer resins derived from 2-hydroxyacetophenone, melamine and formaldehyde. J. Ultra Scientist of Physical Sciences, **19(3)** 359-366 (2007).
9. Katkamwar S. S.; Zade A. B. and Gurnule W. B., Thermogravimetric analysis of terpolymer resins derived from 8-hydroxyquinoline-dithiooxamide and formaldehyde. J. Ultra Scientist of Physical Sciences, **3(2)**, 103-108 (2007).
10. Rahangdale S. S.; Zade A. B. and Gurnule W. B., Synthesis and chelation ion-exchange properties of 2,4-dihydroxyacetophenone-biuret-formaldehyde terpolymer resin, Indian *Journal of chemistry*, **48A**, 531-535, (2009)
11. Singru R. N.; Zade A. B. and Gurnule W. B., Electrical properties of p-cresol-melamine-formaldehyde terpolymer. International Journal of Chemical Science, 2009, (**in press**)
12. Rahangdale S. S.; Zade A. B. and Gurnule W. B., Electrical conductance studies of terpolymers derived from 2,4-dihydroxyacetophenone, dithiooxamide and formaldehyde, International Journal of Chemical Science, 2009, (**in press**)
13. Singru R. N.; Zade A. B. and Gurnule W. B., Resin XII: Synthesis and characterization of new terpolymer resins derived from 8-hydroxyquinoline-5-sulphonic acid-melamine-formaldehyde, *Journal of Applied polymer science* (**in press**)
14. Tarase M. V.; Zade A. B. and Gurnule W. B., Kinetics of thermal degradation studies of some new terpolymer derived from 2,4-dihydroxypropiophenone, oxamide and formaldehyde, *Journal of Applied polymer science* (**in press**)

15. Butoliya S. S.; Zade A. B. and Gurnule W. B., Terpolymer resin VIII: chelation ion exchanger properties of 2,4-dihydroxybenzophenone-oxamide-formaldehyde terpolymer resins, *Journal of Applied polymer science* **113** (1) 1-9 (2009)
16. Katkamwar S. S.; Zade A. B. and Gurnule W. B., Resin III: Synthesis and characterization of 8-hydroxyquinoline-dithiooxamide-formaldehyde terpolymer resins, *Journal of Applied polymer science* **113** (5) 3330-3335 (2009)
17. Tarase M. V.; Zade A. B. and Gurnule W. B., Ion exchange properties of a terpolymer resins derived from 2,4-dihydroxybenzaldehyde, oxamide and formaldehyde, *e-Journal of chemistry* **6**(3) 639-650 (2009)
18. Rahangdale S. S.; Zade A. B. and Gurnule W. B., Chelation ion-exchange properties of 2, 4-dihydroxyacetophenone-biuret-formaldehyde *e-Journal of chemistry* **6**(3) (2009)
19. Singru R. N.; Zade A. B. and Gurnule W. B., Thermogravimetric analysis of 8-hydroxyquinoline-5-sulphonic acid-melamine-formaldehyde terpolymer resins; Proceeding of UGC sponsored national conference on Recent trends in Basic and Applied Materials, 107-112 (2009)
20. Singru R. N.; Zade A. B. and Gurnule W. B., Synthesis, characterization and thermal degradation studies of terpolymer resins derived from p-cresol, melamine and formaldehyde, *Journal of Applied polymer science*, **109**(2), 859-868 (2008).
21. Tarase M. V.; Zade A. B. and Gurnule W. B., Resin I: Synthesis, characterization and ion-exchange properties of terpolymer resins derived from 2,4-Dihydroxypropiophenone, Biuret and Formaldehyde *Journal of Applied polymer science*, **108**(2), 738-746 (2008).
22. Rahangdale S. S.; Zade A. B. and Gurnule W. B., Terpolymer resin II: Synthesis, characterization and ion-exchange properties of 2,4-dihydroxyacetophenone-Dithiooxamide-Formaldehyde Terpolymers, *Journal of Applied polymer science*, **108**(2), 747-756 (2008).
23. Gupta R. H.; Zade A. B. and Gurnule W. B., Resin IV: Synthesis and characterization of terpolymers derived from 2-hydroxyacetophenone, melamine and formaldehyde, *Journal of Applied polymer science*, **109**(5), 3315-3320 (2008).
24. Mane V. D.; Wahane N. J. and Gurnule W. B., Copolymer resin VII: 8-hydroxyquinoline-5-sulphonic acid-thiourea-formaldehyde copolymer resins and their ion exchange properties, *Journal of Applied polymer science*, **111**(6), 3039-3049 (2008)
25. Rahangdale S. S.; Zade A. B. and Gurnule W. B., Synthesis and chelation ion-exchange properties of 2,4-dihydroxyacetophenone-biuret-formaldehyde terpolymer resin, *Indian Journal of chemistry*, **48A**, 531-535, (2009)
26. Singru R. N.; Zade A. B. and Gurnule W. B., Electrical properties of p-cresol-melamine-formaldehyde terpolymer. *International Journal of Chemical Science*, 2009, (*in press*)
27. Rahangdale S. S.; Zade A. B. and Gurnule W. B., Electrical conductance studies of terpolymers derived from 2,4-dihydroxyacetophenone, dithiooxamide and formaldehyde, *International Journal of Chemical Science*, 2009, (*in press*)
28. Singru R. N.; Zade A. B. and Gurnule W. B., Resin XII: Synthesis and characterization of new terpolymer resins derived from 8-hydroxyquinoline-5-sulphonic acid-melamine-formaldehyde, *Journal of Applied polymer science* (*in press*)
29. Tarase M. V.; Zade A. B. and Gurnule W. B., Kinetics of thermal degradation studies of some new terpolymer derived from 2,4-dihydroxypropiophenone, oxamide and formaldehyde, *Journal of Applied polymer science* (*in press*)
30. Butoliya S. S.; Zade A. B. and Gurnule W. B., Terpolymer resin VIII: chelation ion exchanger properties of 2,4-dihydroxybenzophenone-oxamide-formaldehyde terpolymer resins, *Journal of Applied polymer science* **113** (1) 1-9 (2009)

31. Katkamwar S. S.; Zade A. B. and Gurnule W. B., Resin III: Synthesis and characterization of 8-hydroxyquinoline-dithiooxamide-formaldehyde terpolymer resins, *Journal of Applied polymer science* **113** (5) 3330-3335 (2009)
32. Tarase M. V.; Zade A. B. and Gurnule W. B., Ion exchange properties of a terpolymer resins derived from 2,4-dihydroxybenzaldehyde, oxamide and formaldehyde, *e-Journal of chemistry* **6**(3) 639-650 (2009)
33. Rahangdale S. S.; Zade A. B. and Gurnule W. B., Chelation ion-exchange properties of 2, 4-dihydroxyacetophenone-biuret-formaldehyde *e-Journal of chemistry* **6**(3) (2009)
34. Singru R. N.; Zade A. B. and Gurnule W. B., Thermogravimetric analysis of 8-hydroxyquinoline-5-sulphonic acid-melamine-formaldehyde terpolymer resins; Proceeding of UGC sponsored national conference on Recent trends in Basic and Applied Materials, 107-112 (2009)
35. Singru R. N.; Zade A. B. and Gurnule W. B., Synthesis, characterization and thermal degradation studies of terpolymer resins derived from p-cresol, melamine and formaldehyde, *Journal of Applied polymer science*, **109**(2), 859-868 (2008).
36. Tarase M. V.; Zade A. B. and Gurnule W. B., Resin I: Synthesis, characterization and ion-exchange properties of terpolymer resins derived from 2,4-Dihydroxypropiophenone, Biuret and Formaldehyde *Journal of Applied polymer science*, **108**(2), 738-746 (2008).
37. Rahangdale S. S.; Zade A. B. and Gurnule W. B., Terpolymer resin II: Synthesis, characterization and ion-exchange properties of 2,4-dihydroxyacetophenone-Dithiooxamide-Formaldehyde Terpolymers, *Journal of Applied polymer science*, **108**(2), 747-756 (2008).
38. Gupta R. H.; Zade A. B. and Gurnule W. B., Resin IV: Synthesis and characterization of terpolymers derived from 2-hydroxyacetophenone, melamine and formaldehyde, *Journal of Applied polymer science*, **109**(5), 3315-3320 (2008).
39. Mane V. D.; Wahane N. J. and Gurnule W. B., Copolymer resin VII: 8-hydroxyquinoline-5-sulphonic acid-thiourea-formaldehyde copolymer resins and their ion exchange properties, *Journal of Applied polymer science*, **111**(6), 3039-3049 (2008)
40. Singru R. N. and Gurnmule W. B. Chelation ion exchange study of copolymer resins derived from 8-hydroxyquinoline 5-sulphonic acid, oxaamide and formaldehyde, *J. Appl. Polym. Science* (2010). **[Impact Factor-1.80]**
41. Gurnule W. B. and Patle D. B. Study of chelation ion exchange properties of new copolymer resin derived from 0-aminophenol, urea and formaldehyde , *Archive applied science research* vol. 2(1) 261-276, (2010) **[Impact Factor-0.80]**
42. Singru R. N. and Gurnule W. B. Thermogravimetric study of 8-hydroxyquinoline 5-sulphonic acid-melamine-formaldehyde terpolymer resin-II *Journal of Thermal analysis and calorimetry*. Vol. (2010) **[Impact Factor-**
43. Gurnule W. B. and Katkamwar S. S. Non isothermal kinetic study of p-cresol- Dithiooxamide-formaldehyde terpolymer, *E-journal of Chemistry*, vol. (2010) **[Impact Factor-0.23]**
44. Singru R. N. and Gurnule W. B., Chelation ion exchange properties of copolymer resin derived from p-cresol, oxamide and formaldehyde, *Iranian polymer journal* vol. 19(2) 1-15 (2010) **[Impact Factor-2.01]**
45. Singru R. N. Zade A. B. and Gurnule W. B. Thermoanalytical study and kinetics of 8-hydroxyquinoline 5-sulphonic acid-oxamide-formaldehyde terpolymer resins, *E-Journal of Chemistry*, **6** (51) 171-182 (2009) **[Impact Factor-**
46. Tarase M. V. Zade A. B. and Gurnule W. B., Chelating ion exchange properties of terpolymer resins 2,4DHPOF-II derived from 2,4-dihydroxypropiophenone, *Desalination and Water Treatment (DWT)* (2010) **[Impact Factor-1.79]**

47. Singru R. N. and Gurnmule W. B. Chelation ion exchange study of copolymer resins derived from 8-hydroxyquinoline 5-sulphonic acid, oxamide and formaldehyde, *J. Appl. Polym. Science* (2010). **[Impact Factor-1.80]**
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52. **Gurnule W, B, and S. S. Katkamwar**, Analytical Application of Terpolymer resin, (2011) (In Press) **[Impact Factor-1.203]**
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54. Singru R.N., **Gurnule W. B.**, Khati V. A., Zade A. B. and Dontulwar J. R, Studies on semiconducting, Chelating and Thermal Properties of p-Cresol-Oxamide-Formaldehyde Terpolymer Resin, *Analytical and Bioanalytical Electrochemistry*, Vol. 3 No. 1 (2011). **[Impact Factor-3.841]**
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56. **Gurnule W. B.**, Tarase M. V., Zade A. B Erratum: Kinetics of Thermal Degradation Studies of Some New Terpolymers Derived from 2,4-Dihydroxypropiophenone, Oxamide, and Formaldehyde, *Journal of Applied Polymer Science* 118 (4), pp. 2488, (2010) **[Impact Factor-1.203]**
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62. **Gurnule W. B.**, Singru R. N. Zade A. B., Synthetic Resin-XII: Synthesis and Characterization of New Terpolymer Resins Derived from 8-Hydroxyquinoline 5-Sulphonic acid- Melamine and Formaldehyde, *J. Appl. Polym. Sci.* 116(3) 1400-1407 (2010). **[Impact Factor-1.205]**
63. **Gurnule W. B.**, Singru R. N. Chelation Ion-Exchange study of copolymer resin derived from 8-

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International / National Conferences and Seminars:

1. S. S. Rahangdale, **W. B. Gurnule** and A. B. Zade, Synthesis and Characterization of 2,4-Dihydroxyacetophenone-Dithiooxamide-Formaldehyde Terpolymer. 4th National Symposium and Conference on Solid State Chemistry and Allied Areas. At Department of Chemistry Goa University, Goa on December 1st 2005. page no. 85.
2. S. S. Katkamwar, **W. B. Gurnule** and A. B. Zade, Synthesis and Thermogravimetric Analysis of Terpolymer Resins Derived From 8-Hydroxyquinoline, Dithiooxamide and Formaldehyde. 4th National Symposium and Conference on Solid State Chemistry and Allied Areas. At Department of Chemistry Goa University, Goa on December 1st 2005. page no. 85.
3. R. H. Gupta, **W. B. Gurnule** and A. B. Zade, Synthetic, Structural and Thermal Degradation of a Terpolymers Derived From o-Hydroxyacetophenone, Melamine and Formaldehyde. 4th National Symposium and Conference on Solid State Chemistry and Allied Areas. At Department of Chemistry Goa University, Goa on December 1st 2005. page no. 68.
4. **W. B. Gurnule**, Synthesis, Characterization And Ion-Exchange Properties of Terpolymer Resins Derived from 8-Hydroxyquinoline 5-Sulphonic Acid, Biuret and Formaldehyde. 4th National Symposium and Conference on Solid State Chemistry and Allied Areas. At Department of Chemistry Goa University, Goa on December 1st 2005. page no. 68.
5. **W. B. Gurnule**, W. N. Parwate, L. J. Paliwal and R. B. Kharat, Salicylic Acid-Adipamide-Trioxane Terpolymer Resins And Their Ion-Exchange Properties. 4th National Symposium and Conference on Solid State Chemistry and Allied Areas. At Department of Chemistry Goa University, Goa on December 1st 2005. page no. 84.
6. **W. B. Gurnule**, L. J. Paliwal and R. B. Kharat, Synthesis, Stereochemical and Thermal Properties of Polychelates Derived From 2—Benzyl-4,6-Dimercaptoacetamido-1,3,5-Triazine (BDMAT), 6th International Conference on Solvothermal reactions (ICSTR-6), Organised by Department of Chemistry, University of Mysore, Mysore-570006, 2004.
7. **W. B. Gurnule**, S. V. Bawankar, R. B. Kharat and L. J. Paliwal, Chelation Ion-Exchange Properties of Salicylaldehyde-Biuret-Trioxane (SOBT) Terpolymer Resins Organised by Department of Chemistry Annamalai University, Annamalai (Chidambaram) from 25th and 26th Feb 2005
8. **W. B. Gurnule**, W. N. Parwate, L. J. Paliwal and R. B. Kharat Electrical Conductivity Studies of Salicylaldehyde-Oxamide-Trioxane (BOT) Terpolymers Organised by Department of Chemistry Annamalai University, Annamalai (Chidambaram) from 25th and 26th Feb 2005
9. W. B. Gurnule, S. V. Bawankar, R. B. Kharat and L. J. Paliwal, Semiconductance Studies of Terpolymers Derived from Salicylaldehyde, Adipamide and Trioxane, 3rd International Conference on Material for Advanced Technologies (ICMAT-2005) at Institute of Materials Research and Engineering, 3 Research Link, Singapore from 3-8 July 2005.
10. W. B. Gurnule, W. N. Parwate and L. J. Paliwal, Chelation Ion-Exchange Properties of p-Hydroxybenzoic

Acid-Biuret-Trioxane (PBBT) Tercopolymer Resins, 3rd International Conference on Material for Advanced Technologies (ICMAT-2005) at Institute of Materials Research and Engineering, 3 Research Link, Singapore from 3-8 July 2005.

11. W. B. Gurnule, S. V. Bawankar, R. B. Kharat and L. J. Paliwal, Cheletion Ion-Exchange Properties of Salysylaldoxime-Biuret-Trioxane Terpolymer Resins, International Conference on Recent Advancement in Chemistry Organised by Auxilium College, Department of Chemistry Vellore, Tamilnadu (ALPS) at 5th and 6th January 2006, page no. 99.
12. W. B. Gurnule, Synthesis and Thermal Degradation Studies Oof Tercopolymers Derived from 8-Hydroxyquinoline 5-Sulphonic Acid, Biuret and Formaldehyde, International Conference on Recent Advancement in Chemistry Organised by Auxilium College, Department of Chemistry Vellore, Tamilnadu (ALPS) at 5th and 6th January 2006, page no. 111.
13. S. S. Katkamwar, W. B. Gurnule and A. B. Zade, Thermal Degradation Studies of 8-Hydroxyquinoline, Dithiooxamide and Formaldehyde Terpolymer Resin, International Conference on Recent Advancement in Chemistry Organised by Auxilium College, Department of Chemistry Vellore, Tamilnadu (ALPS) at 5th and 6th January 2006, page no. 112.
14. S. S. Rahangdale, W. B. Gurnule and A. B. Zade, Synthesis and Thermogravimetric Analysis of Terpolymer Derived from 2,4-Dihydroxyacetophenone-Dithiooxamide-Formaldehyde, International Conference on Recent Advancement in Chemistry Organised by Auxilium College, Department of Chemistry Vellore, Tamilnadu (ALPS) at 5th and 6th January 2006, page no. 113.
15. R. H. Gupta, W. B. Gurnule and A. B. Zade, Synthesis and Thermal Degradation Studies of o-Hydroxyacetophenone, Melamine and Formaldehyde Terpolymer. International Conference on Recent Advancement in Chemistry Organised by Auxilium College, Department of Chemistry Vellore, Tamilnadu (ALPS) at 5th and 6th January 2006, page no. 114.
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17. W. B. Gurnule, S. V. Bawankar, R. B. Kharat and L. J. Paliwal, Electrical Conductance Studies of Terpolymers Resins Derived from Salysylaldehyde Biuret and Trioxane (SABT), National Conference on Recent Trends in Nanoscience Organised by Kaml Nehru Mahavidyalaya, Nagpur on Jan 15, 2006. page no 178.
18. W. N. Parwate, W. B. Gurnule, L. J. Paliwal and R. B. Kharat Ion-Exchange Properties of Terpolymer Resins Derived form Salcylic Acid and Trioxane (SOT-II), National Conference on Recent Trends in Nanoscience Organised by Kaml Nehru Mahavidyalaya, Nagpur on Jan 15, 2006. page no 215.
19. P. K. Rahangdale, W.B. Gurnule. L.J. Paliwal and R.B. Kharat, Synthesis of 4-Hydroxyacetophenone-Oxamide-Formaldehyde Terplymer Resins, National Conference on Recent Trends in Nanoscience Organised by Kaml Nehru Mahavidyalaya, Nagpur on Jan 15, 2006. page no 222.
20. S. S. Katkamwar, W. B. Gurnule and A. B. Zade, Synthesis and Thermogravimetric Analysis of Tercopolymer Resins Derived from 8-Hydroxyquinoline, Dithiooxamide and Formaldehyde, National Conference on Recent Trends in Nanoscience Organised by Kaml Nehru Mahavidyalaya, Nagpur on Jan 15, 2006. page no 224.
21. S. S. Rahangdale, **W. B. Gurnule** and A. B. Zade, Synthesis and Characterization of Terpolymer Resins Derived from 2,4-Dihydroxyacetophenone, Biuret and Formaldehyde, National Seminar on Recent Trends in Material Science, Organised by M. B. Patel College of Arts, Science and Commerce, **Sakoli**, Bhandara March10, 2007. page 39.
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23. S. S. Rahangdale, **W. B. Gurnule** and A. B. Zade ,Synthesis and Characterization of New Terpolymers Derived from 2,2' Dihydroxybiphenyl, Biuret and Formaldehyde, Proceeding of 43rd Annual Convention of Chemists, Organised by Indian Chemical Society, Kolkata, at Department of Chemistry, Dr. Babasaheb Ambedkar Marathwada University, **Aurangabad**. December 23-27, 2006. Page-C 11.
24. M. B. Thakre and W. B. Gurnule, Synthesis and characteristerization of copolymer resin derived from 8-hydroxyquinoline, adipamide and formaldehyde., National Seminar on emerging trends in polymer science and technology, jointly organized by Prof Sukumar Maiti Polymer Award Foundation, Kolkata and Department of Chemistry Surashtra University, **Rajkot**, Gujrat., page 29, A.2 October 8-10, **(2009)**.
25. M. V. Tarase and W. B. Gurnule, Kinetics of thermal degradation studies of copolymer rasin 2, 4-dihydroxypropiophenone-oxamide-formaldehyde., National Seminar on emerging trends in polymer science and technology, jointly organized by Prof Sukumar Maiti Polymer Award Foundation, Kolkata and Department of Chemistry Surashtra University, **Rajkot**, Gujrat., page 28, A.1 October 8-10, **(2009)**.
26. W. B. Gurnule, M. B. Thakre and A. B. Zade Synthesis and thermal analysis studies of p-hydroxy benzoic acid-adipamide formaldehyde, terpolymer resin. National Seminar on emerging trends in polymer science and technology, jointly organized by Prof Sukumar Maiti Polymer Award Foundation, Kolkata and Department of Chemistry Surashtra University, **Rajkot**, Gujrat., page 31, A.4 October 8-10, **(2009)**.
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28. S. P. Dhote and W. B. Gurnule, Thermal degradation studies of terpolymer derived from salicylaldehyde,melamine and formaldehyde., National Seminar on emerging trends in polymer science and technology, jointly organized by Prof Sukumar Maiti Polymer Award Foundation, Kolkata and Department of Chemistry Surashtra University, **Rajkot**, Gujrat., page 56, A.27 October 8-10, **(2009)**.
29. S.S. Butoliya, W. B. Gurnule and A. B. Zade Ion-exchange properties of a new chelating polymerderived from 2, 4- dihydroxybenzophenone-oxamide-formaldehyde., National Seminar on emerging trends in polymer science and technology, jointly organized by Prof Sukumar Maiti Polymer Award Foundation, Kolkata and Department of Chemistry Surashtra University, **Rajkot**, Gujrat., page 57, A.28 October 8-10, **(2009)**.
30. R. N. Singru, W. B. Gurnule and A. B. Zade Study of semiconducting nature and electronic application of copolymers 8-hydroxyquinoline 5-sulphonic acid-oxamide formaldehyde., National Seminar on emerging trends in polymer science and technology, jointly organized by Prof Sukumar Maiti Polymer Award Foundation, Kolkata and Department of Chemistry Surashtra University, **Rajkot**, Gujrat., page 67, C.1 October 8-10, **(2009)**.
31. W. B. Gurnule and S.S. Katkamwar, Thermal degradation studies of p-aminophenol-dithiooxamide-formaldehyde terpolymer, Second Conference on recent advances in polymer technology, Organized by department of chemical techniology and school of chemical science, North, Maharashtra University, **Jalgaon** and society for polymer science,India (Pune –chapter), PP-5, page 78, December 28-29 **(2009)**.
32. S. P. Dhote and W. B. Gurnule, Batch extraction separation of some metal ions by salicyladehyde-melamine, formaldehyde terpolymer resins, Second Conference on recent advances in polymer technology, Organized by department of chemical techniology and school of chemical science, North, Maharashtra University, **Jalgaon** and society for polymer science,India (Pune –chapter), PP-6, page 79, December 28-29 **(2009)**.
33. W. B. Gurnule and R.H. Gupta, Selective removal of toxic metal from waste water using 2,4-dihydroxy benzoic acid-dithiiooxamide-formaldehyde copolymer, Second Conference on recent advances in polymer

technology, Organized by department of chemical technology and school of chemical science, North, Maharashtra University, **Jalgaon** and society for polymer science, India (Pune –chapter), OP-32, page 64, December 28-29 (2009).

34. W. B. Gurnule and M. B. Thakre, Chelation ion-exchange properties of 8-hydroxyquinoline adipamide-formaldehyde terpolymer resins, Second Conference on recent advances in polymer technology, Organized by department of chemical technology and school of chemical science, North, Maharashtra University, **Jalgaon** and society for polymer science, India (Pune –chapter), OP-24, page 56, December 28-29 (2009).
35. R. N. Singru, W. B. Gurnule and A. B. Zade, Semiconducting nature of p-cresol-melamine-formaldehyde polymer resin, National Conference on advanced material and technology, Organized by Shivaji science college, **Nagpur**, OM-28 page 44, December -29-30 (2009).
36. W. B. Gurnule and R.H. Gupta, Ion-exchange properties of 2-hydroxyacetophenone-melamine-formaldehyde terpolymer resin, National Conference on nanomaterials and nano technology, Organized by department of chemistry and department of chemical engineering, Visvesvaraya National institute of technology, **Nagpur**, page 42, January 18-20 (2010).
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38. W. B. Gurnule and S.S. Katkamwar, An ecofriendly synthesis characterization, morphology, thermal, electrical and chelation ion exchange Studies of terpolymer resin, National Conference on nanomaterials and nano technology, Organized by department of chemistry and department of chemical engineering, Visvesvaraya National institute of technology, **Nagpur**, page 44, January 18-20 (2010).
39. S.S. Rahangdale and W. B. Gurnule, Synthesis of copolymer resin (CPCF) and its applications as ion-exchanger, National Conference on chemistry for health (NCCH), Organized by department of chemistry institute of science, **Nagpur**, PP -92, page 109, January 28-29 (2010).
40. S.S. Rahangdale, W. B. Gurnule and P.K. Rahangdale, Analytical applications of copolymer resin derived from o-cresol. National Conference on recent advancement in material science, (NCRAMS 2010), Organized by the society for promotion of material science, Nagpur and department of chemistry, Jagat Art, Commerce and Science college, **Goregaon**, PP -1, page 10-15, February 25 (2010).
41. R. N. Singru, A.B. Zade and W. B. Gurnule, Light emitting polymer of p-cresol-oxamide-formaldehyde. National Conference on recent advancement in material science, (NCRAMS 2010), Organized by the society for promotion of material science, Nagpur and department of chemistry, Jagat Art, Commerce and Science college, **Goregaon**, PP -6, page 46, February 25 (2010).
42. W. B. Gurnule and D.B. Patle, Copolymer resin: synthesis and characterization of 4-hydroxybenzophenone=biuret- formaldehyde. National Conference on recent advancement in material science, (NCRAMS 2010), Organized by the society for promotion of material science, Nagpur and department of chemistry, Jagat Art, Commerce and Science college, **Goregaon**, PP - 10, page 67-74, February 25 (2010).
43. M. B. Thakre, W. B. Gurnule and A.B. Zade, Structural studies of 8-hydroxyquinoline-adipamide-formaldehyde copolymer resin. National Conference on recent advancement in material science, (NCRAMS 2010), Organized by the society for promotion of material science, Nagpur and department of chemistry, Jagat Art, Commerce and Science college, **Goregaon**, PP -25, page 161-166, February 25 (2010).
44. W. B. Gurnule, S.S. Katkamwar and A. B. Zade, Synthesis of new p-aminophenone-dithiooxamide-formaldehyde terpolymer resins and their applications as semiconductor. National Conference on recent advancement in material science, (NCRAMS 2010), Organized by the society for promotion of material science, Nagpur and department of chemistry, Jagat Art, Commerce and Science college,

Goregaon, PP -31, page 195-201, February 25 (2010).

45. D.B. Patle and W. B. Gurnule, Synthesis and characterization of new aromatic copolymer resin derived from o-aminophenol and their ion exchange properties., 12th CRSI National symposium in chemistry , Organized by Indian institute of chemical technology and NIPER, **Hydrabad** , PP - 115, page 149, February 5-7 (2010).

Dr. W.B. Gurnule has been providing research guidance to the following research scholars:-

- 1) Mr. Sidharth T. Nandeshwar
2. **S. S. Rahangdale** Synthetic and structural studies of some new polymers derived from 2, 4-dihydroxyacetophenone/biphenol and some biuret/dithiooxamide with formaldehyde in different molar proportions. **(Submitted)**.
3. R. H. Gupta Synthesis and characterization of new terpolymer resins and their application as ion exchangers.
4. Mrs.S S. Katkamwar Physico-chemical and ion-exchange studies of copolymers derived from nitro-substituted phenols/cresols/8-hydroxy quinoline/phenols and dithiooxamide with formaldehyde.
5. R. N. Singru Physico-chemical and electrical conductance studies of terpolymers derived from 8-hydroxyquinoline-5-sulphonic acid/ cresol and oxamide/melamine with formaldehyde.**(Submitted)**
6. Ku. A. L. Parasher Structural studies of some newly synthesized tercopolymer resins and their application as ion exchangers.
7. M. V. Tarase Synthesis, characterisation and ion-exchange properties of terpolymer resins derived from 2,4-dihydroxybenzaldehyde/2,4-dihydroxypropiophenone/substituted phenol, oxamide/ biuret and formaldehyde **(Submitted)**.
8. S. S. Butoliya Physico-chemical studies on some newly synthesized tercopolymer resins derived from 2,4-dihydroxybenzoic acid/ 2,4-dihydroxybenzophenone and oxamide/melamine with formaldehyde.
9. Ku. D. B. Patle Synthesis, characterization and analytical applications of some new copolymer resins
10. M. B. Thakre Synthetic and structural studies of newly synthesized terpolymer resins and their ion exchange properties.
11. Ku. S. P. Dhote Synthesis, characterization and ion exchange properties of some new copolymer resins.

Number of M. Phil. Students

- | | |
|------------------------------|----------------------------|
| 1) Mr. Rajesh H. Gupta | 11) Miss. Swati A. Pakhale |
| 2) Vitthal N. Gowardipe | 12) Miss. Monika G. Joshi |
| 3) Mr. Nishant J. Wahane | 13) Mr. Sandip M. Borkar |
| 4) Mr. Bhimrao B. Khobragade | 14) Miss. Harsha Shekhawat |
| 5) Mr. Vivek D. Mane | 15) Mr. Kamlakar Nandekar |

- | | | | |
|-----|-----------------------------|-----|-------------------|
| 6) | Miss. Sapna S. Sontakke | 16) | Amol G. Rangari |
| 7) | Mr. Mukhtiyar Ali Bandale | 17) | Sachin D. Tolmare |
| 8) | Miss. Vibhavari Gajbe | 18) | Pravin A. Dhakite |
| 9) | Miss. Taksha I. Shambharkar | 19) | Vilas Chafekar |
| 10) | Miss. Ruchira D. Munje | | |

Major / Minor Research Project: Completed / On Going

Sponsored by	Duration	Subject/ theme of project	Amount sanctioned (Rs)
UGC	2005 – 2007	Synthesis and Characterisation of Terpolymer and their application.	
UGC	2009-	Synthesis Of New organic Polymer & Their Exchange & Electrical Properties	

7. MRS.SHUBHANGI DESHPANDE**National Seminars / Conference:**

1. Restructure of LIS Curriculum : A View, Hundred Years of LIS Education in India Future Perspectives
Department of LIS RTM Nagpur Uni. , Nagpur, 10 Jan.2012 National Conference , pp203 to 208, ISBN, 978-81-921914-6-1

MRP Ongoing

S.No.	Title	Agency	Period	Grant / Amount Mobilized (Rs lakh)
1	A Study of Selected CSIR Laboratories' Libraries, their Growth and Development (Ongoing)	University Grants Commission	Two years	Sanctioned 65,000/-

8. Mrs K.A. Bhajni

International Journal:

1. Fashion and readymade garment industries , Research Analysis and Evaluation, pp 116-117, ISSN 0975-3486

National Seminars / Conference:

1. Allocation of Defense Budget 2011, Defense expenditure development & governance with special reference to Budgeting pattern central government'

RESEARCH PROJECTS On going

Title	Agency	Period	Grant / Amount Mobilized (Rs lakh)
Nature & problems of readymade Garments industries of Mahal area in Nagpur City.	UGC	Oct.2010-Oct.2012	20,000/-

9. Dr Sandhya Jain**International Journal:**

1. Christopher Marlowe's 'Tamburlaine, the Great' An Exploration of the Karuna Rasa, Unheard Melody, 2229-1236, Vol. VII

International / National Conferences and Seminars:

1. presented a paper on Amrita Pritam: Some Aspects As a Feminist Writer with reference to 'Village No. 36' on 11th Feb 2011, in a National Seminar organized by NMD College Gondia

MRP On Going

S.No	Title	Agency	Period	Grant / Amount Mobilized (Rs lakh)
1.	Christopher Marlowe's 'Tamburlaine, the Great': A Study in the Rasa Theory (Indian Aesthetics)	UGC	Two Years	Rs. 40,000/-

10. DR. VAIJAYANTI D. PESHWE**MRP Ongoing**

S.No.	Title	Agency	Period	Grant / Amount Mobilized (Rs lakh)
1.	Melghat yethil Adivasi Lokagitun Aavishkrut honarya Loksankriticha Abhyas	UGC (Minor)	2010-2012	75,000/-

16. Dr. S. A. Bhagat

International Journal:

1. "Photoluminescence characteristics enhancement of Alq₃ by Mg²⁺ ion", **S.A. Bhagat**, journal Research and Analysis and evaluation, ISSN0975-3486, Jaipur (Rajsthan), vol.II, issue 20 (may 2011) 54-55.
2. "Photoluminescence characterization of AlKq₄ phosphor" **S.A. Bhagat** in international journal Research and Analysis and evaluation, ISSN0975-3486, 12-13, **vol.II** issue 22(Jul. 2011)

3. “Microstructures on glycine malice monoamide(GMMA) organic crystals”**S.A. Bhagat** in journal Bionano Frontiers, vol.5, jan 2012, 153-156, ISSN0974-0678

International Conference:

1. Growth of Organic Crystals by Solution Technique, **S.A. Bhagat** at **International Conference** on advanced materials, ICAM-2008, at Kottayam, Kerla, 686560, 18th to 21st feb. 2008.
2. Intense green emission in ZnQ2 Polymer phosphors for OLED applications, I.M. Nagpure, S.K. Ramteke, K.N. Shinde, **S.A. Bhagat** and S. J. Dhoble At **APA International Conference** on Advances in Polymer Science and Technology, Indian Institute of Technology, New Delhi , Jan 28nd -31st 2008.

National Seminars / Conference:

3. Li⁺ co doped Alq3 polymer for PLLCD and OLED applications, N.B.Thakre, S.D. Gajbhiye, I.M. Nagpure, **S.A. Bhagat** S.K. Patle and S. J. Dhoble at National conference on synthesis and charecterisation of new materials and its applications, at Kamla Nehru Mahavidhyalaya, Nagpur , 15th march-2009.
4. Na⁺ co doped Alq3 polymer for PLLCD and OLED applications, **S.A. Bhagat**, at national symposium “Emerging technique in material science, ETMS 2009, S.M.Mohota college of science, Nagpur , 22nd aug.2009.
5. Effect of temperature on photoluminescence in halophosphate”based phosphors, **S.A. Bhagat** at“National Conference on Recent Trends in material synthesis and characterization” (NCRTMSC-2009), at Bhalerao Science college, Saoner, Nagpur, 4-5 dec, 2009.
6. Synthesis and photoluminescence charecterization of AlMgq5 polymer, **S. A. Bhagat** , S. P. Puppulwar ,S. Gayen and R. Bansod at National Conference on Recent advancement in material Science, (NCRAM-2010), at Jagat Art, commerce and D.H. Patel Science college, Goregaon , Gondia, 25th feb 2010.
7. “Activation energy of etchant on glycine malice monoamide organic crystals” **S.A. Bhagat** (NCGCEHH-2011), at Kamla Nehru Mahavidhyalaya, Nagpur, 20th Jan2011.
8. “Studies of dislocation on GMMA crystals” **S.A. Bhagat** (NCGCEHH-2011), at Kamla Nehru Mahavidhyalaya, Nagpur, 20th Jan 2011.
9. “Enhancement in luminescence of Alq3 by Ca and Sr ions for OLED applications” Anshuman Gorai and **S.A. Bhagat** (NCATMCA-2011) at Art, Commerce and Science College, Arvi, Distt. Wardha, 6th March 2011.
10. “ Activation energy of etchant on glycine malice monoamide organic crystals” **S.A. Bhagat** at “National Conference on Recent Trends in material synthesis and characterization 2011” (NCRTMSC-2011), at Bhalerao Science college, Saoner, Nagpur,17th Dec 2011
11. “ Microstructures on glycine malice mono amide (GMMA) organic crystals” **S. A. Bhagat** at “National Conference on Technologies in Engineering and Science for Energy Applications” At Dr. Ambedkar College, Diksha Bhoomi,Nagpur on 2-3 Jan. 2012.

RESEARCH PROJECTS CARRIED OUT:

Dr. S.A. Bhagat	UGC	2008 -2010	Synthesis and Characterization of Hydroxyquinolins based organic Phosphors	Rs.70,000 /- No. F. 47-240/07
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GUIDANCE TO M.SC II (PHY) STUDENTS FOR PROJECTS

Sr.no	Name of the Students	Title of the Project	Year
1	Bhushan R. Wankhede	"Fabrication and study of electrolytic coloration devices"	2006-07
2	Shraddha K. Ramteke	"Synthesis and Characterization of Hydroquinoline based organic Phosphors"	2007-08
3	Vaishali M. Rokde	"To study the effect of temperature on Photoluminescence in halosulphate based phosphors"	
4	N.B.Thakre, Feb	"Li ⁺ co doped Alq ₃ polymer for PLLCD and OLED applications"	2008-09
5	S.D. Gajbhiye	"Na ⁺ co doped Alq ₃ polymer for PLLCD and OLED applications"	
6	MR. Shaikh,	"K ⁺ co doped Alq ₃ polymer for PLLCD and OLED applications"	
7	Satyaswaroop Gayen	"Synthesis and photolumine characterization of AlMgq ₅ polymer"	2009-10
8	Rahul Bansod	"Synthesis and photolumine characterization of AlCaq ₅ polymer"	
9	Anshuman Gorai	"Enhancement in luminescence of Alq ₃ by Ca ⁺ and Sr ⁺ ions for OLED applications"	2010-11
10	Mr. Nitesh Koche	Enhancement in Luminescence of AlQ ₃ By Ba ²⁺ ion for OLED Application	2011-12
11	Miss. Reeta Nyaykare	Crystal Growth, Optical and Electrical Properties of Crystal	

17 . Dr Sandhya Moghe

Research papers of published in International Journals with Impact Factor:

1. Nandeshwar, S.B.; **Sandhya Moghe**, Chakrabarty, P.K.; Maruti Deshuttiwar, Kranthi Keshav, Anandkumar, P; Mayee, C.D., and Khadi, B.M. 2009. *Agrobacterium* mediated transfer of cry I Ac gene into shoot tip meristem of diploid cotton *G.arboreum* cv RG 8 and regeneration of transgenic plants. *Plant Mol Biol Reporter*. DOI, 10.1007/s11105-009-0102-7.(Impact factor 0.741)
2. Bio degradation and decolorization of dye by mix consortia of bacteria and study of its toxicity on triticum aestivum, in Asiatic Journal of Biotech Resources.

Research papers in Conferences/ Seminars

1. Presented a paper in National Conference Green Chemistry for Environment and human health. 20 th Jan. 2011, at KNM Nagpur on 'In –vitro regeneration of Baccopa-Monnieri and won Ist prize in poster presentation.
2. She also attended a National Workshop 'BIOTECH BRAIN STORMS 2010-11 at Hyderabad and presented a paper on 'Response of shoot tip explants to regeneration in relation to explants age & total phenols'.

18. Mrs S.S.Mukherjee

List of research paper publications

International / national Journal:

1. Research paper, "Cross Cultural differences and Cross border relationships in Jhumpa Lahiri's "Unaccustomed Earth". (On the Alien Shore)
2. Research paper on Githa Hariharan "Marginality and Quest for Identity of Women in 'TheThousand Faces of Night': A Textual and Inter textual Analysis." (Three Authors)
3. Research Paper, "Modernity and Tradition in Manju Kapur's *Difficult Daughters*: A Critical Analysis." Cyberliterature International Journal. Vol.27 No.1 June 2011
4. Mythological and Factual Realities of Githa Hariharan's 'The Thousand Faces of Night': A Feminist Critique, National Journal 'CENACLE'

National Seminars / Conference:

1. Communication Apprehension: Causes, Effects and Remedies", National Seminar on 'Developing Communicative Competence in English for rural students', on 3rd Jan.2012.
2. "Technical Communication: The Language of Tomorrow", International Seminar on 'Teaching of ESL: A Global Perspective' on 24th and 25th of Feb.2012

RESEARCH PROJECTS On Going

S.No.	Title	Agency	Period	Grant / Amount Mobilized (Rs lakh)
1.	"Modernity in Women in Selected Novels of Manju Kapur and Anita Nair.	UGC	Oct.2010 to Oct.2012	Rs. 28000/-

11. MRS. SUCHETA V. PARKER

National Seminars / Conference / Workshop :

1. Adhyan Akshamata , State level workshop 24-08-2011 S.B city college, pp.145-151, ISBN-978-81-89904-84-5
2. Sakaratmak mansikta wa mansik swasthya National seminar ,30-8-2011,C.P & berar college nag., pp. 25-26, ISBN-978-81-922229-0-5
3. Gramin mahila vikasatil ariste, State level conference, 30-8-2011, yashvanyrao Chavan Mahavidyala Lakhandur, pp.48-53, ISSN – 2249-3344
4. Vikasat badha ? saurakshan kharchat vadh ki chukichi Dhorne , National seminar on Defense expenditure development & Governance, 30-8-2011,pp 86-96Mahila Mahavidyala

12. **Prof. S . P. PUPPALWAR**

List of research paper publications

International / National Journals:

1. Effect of Mg and P ions on photoluminescence characteristics of Li₂SO₄: Cu phosphor, A. N. Yerpude, **S. P. Puppallwar**, S. J, Dhoble, Animesh Kumar, Indian J Pure and Appl Phys 47(2009) 447.
2. Ce³⁺, Dy³⁺ activated Li₂BPO₅ phosphors for lyoluminescence dosimetry, **S. P. Puppallwar**, S. J, Dhoble, Animesh Kumar, Indian J Pure and Appl Phys 49 (2011) 239.
3. Improvement of photoluminescence of Cu⁺ ion in Li₂SO₄, **S. P. Puppallwar**, S. J. Dhoble and Animesh Kumar, Luminescence: Journal of Biological and Chemical Luminescence 26 (2011) 456–461.
4. Photoluminescence in rare earth doped complex hexafluoride phosphors, **S. P. Puppallwar**, S. J. Dhoble and Animesh Kumar, Luminescence: Journal of Biological and Chemical Luminescence 27 (2012) 39-44.
5. Lyoluminescence and mechanoluminescence of Cu⁺ activated LiKSO₄ phosphors for radiation dosimetry, N. S. Dhoble, **S. P. Puppallwar**, S. J, Dhoble, A. K. Upadhyay and R. S. Kher, Radiation Measurements 46(2011)1890-1893.
6. Blue emission in Ce³⁺ and Eu²⁺ activated lithium fluoro borate phosphors, **S. P. Puppallwar**, S. J. Dhoble and Animesh Kumar, Journal of Modern Physics 2(2011)1560-1566.
7. Cu⁺ emission in Li₂BPO₅ material for thermoluminescence dosimetry, **S. P. Puppallwar**, S. J. Dhoble and Animesh Kumar, Radiation Effects and Defects in Solids Vol. 167, Issue 5(2012)333-341.
8. Luminescence characteristics of Li₂NaBF₆: Cu phosphor, **S. P. Puppallwar**, S. J. Dhoble and Animesh Kumar, Nuclear Inst. and Methods in Physics Research B, 274 (2012) 167-171.
9. Synthesis and luminescence characterization of Li₂BPO₅:Eu and Li₂MgB₂O₅:Eu phosphors, **S. P. Puppallwar**, S. J. Dhoble and Animesh Kumar, J. Search and Research 3(2011)70-74.
10. Luminescence in rare earth doped LiCa₄ (PO₄)₃ phosphor, **S. P. Puppallwar**, B. R. Thawari, M. S. Mendhe and S. J. Dhoble, J. Bionano Frontier 5(2012)41-44.
11. Luminescence characteristics of Eu and Ti doped LiNaF₂ phosphor, **S. P. Puppallwar**, S. J. Dhoble, S. P. Lochab and A. Kumar, Nuclear Inst. and Methods in Physics Research B, 285 (2012) 6 - 10.
12. One step synthesis of Cu⁺ activated Li₂BPO₅ low Z phosphor for thermoluminescence dosimetry, S. J. Dhoble, **S. P. Puppallwar**, N. S. Dhoble and A.K.Mohanty, Indian J Pure and Appl Phys, 50 (2012) 520-523.
13. Determination of kinetic parameters of TL of Eu doped LiNaF₂, **S. P. Puppallwar** and S. J. Dhoble, Indian J Pure and Appl Phys, xxx(2012)xxx. (In Press)

International / National Conferences:

1. Photoluminescence in LiXSO₄:Cu⁺ (X=K, Na) phosphors, **S. P. Puppallwar**, R. L. Kohle, S. J, Dhoble, Animesh Kumar, Proceedings of **International** conference on Luminescence and its Applications, NPL New Delhi Feb 13-16, 2008 pp 257-260.

2. Photoluminescence characterization of Eu activated LiNaF₂, LiBF₄ and Li₃BF₆ phosphors, **S. P. Puppalwar**, S. J. Dhoble and Animesh Kumar, **Indo-Russian** workshop on Nanotechnology and Laser Induced Plasma, Delhi University, New Delhi, Nov 24–26, 2009. (Poster presentation)
3. Lyoluminescence and mechanoluminescence of Cu⁺ activated LiKSO₄ phosphors for radiation dosimetry, N. S. Dhoble, **S. P. Puppalwar**, S. J. Dhoble, A. K. Upadhyay, R. S. Kher, Proceedings of **International** conference on SSD-16, Sydney (Australia), Sept. 19-24, 2010 p 48.
4. Photoluminescence characteristics of Li₂SO₄: Cu and LiNaSO₄: Cu phosphors by wet-chemical method, **S. P. Puppalwar**, S. J. Dhoble, Animesh Kumar, Proceedings of 53rd DAE Solid State Physics Symposium, BARC Mumbai Dec 16-20, 2008, vol. 53 (2008) pp 1265-1266.
5. Synthesis and Photoluminescence characterization of Ce³⁺ and Dy³⁺ doped Li₂BPO₅ phosphor, **S. P. Puppalwar**, Javed wani, S. J. Dhoble, Animesh Kumar, Proceedings of National conference on Luminescence and its Applications, Indian Association for the Cultivation of Science, Kolkata, Feb18 - 20, 2009 pp164-167.
6. Photoluminescence characterization of Eu³⁺ and Ti⁴⁺ activated LiNaF₂ phosphor, **S. P. Puppalwar**, S. Pantawne, S. J. Dhoble, Animesh Kumar, Proceedings of National conference on Synthesis and Characterization of New Materials and its Applications, Kamla Nehru College Nagpur, March 15, 2009 pp 121-126.
7. Synthesis and Photoluminescence characterization of Ce³⁺ and Dy³⁺ doped some Calcium Aluminate phosphors, **S. P. Puppalwar**, A. G. Meshram, S. J. Dhoble, Animesh Kumar, Proceedings of National conference on Synthesis and Characterization of New Materials and its Applications, Kamla Nehru College Nagpur, March 15, 2009 pp 68-73.
8. Ce³⁺, Dy³⁺ activated Li₂BPO₅ phosphor for lyoluminescence dosimetry, **S. P. Puppalwar**, S. J. Dhoble and Animesh Kumar, National conference on Accelerator and Low Level Radiation Safety, Inter-university accelerator centre New Delhi, Nov 18–20, 2009.(Poster presentation)
9. Synthesis and photoluminescence characterization of Eu activated LiMgBF₆ and Li₃BF₆ phosphors, **S. P. Puppalwar**, B. V. Tupte, P. Gajbhiye, S. J. Dhoble and Animesh Kumar, Proceedings of National conference on Recent Trends in Material Synthesis and Characterization, Bhalerao Science College, Saoner, Dec 4-5, 2009 pp 70 – 73.
10. Luminescence in Li₃BF₆:Ce prepared by combustion synthesis, **S. P. Puppalwar**, P. H. Gajbhiye, S. J. Dhoble and Animesh Kumar, Proceedings of National conference on Recent Advancement in Material Science, Jagat Arts, Commerce and Indiraben Hariharbhai Patel Science College, Goregaon, Feb 25, 2010. pp 56 – 61.
11. Synthesis and photoluminescence characterization of AlMgq₅ polymer, S. A. Bhagat, **S. P. Puppalwar**, S. Gayen, and R. Bansod, Proceedings of National conference on Recent Advancement in Material Science, Jagat Arts, Commerce and Indiraben Hariharbhai Patel Science College, Goregaon, Feb 25, 2010.
12. Combustion synthesis of Ce³⁺ activated LiBF₄ phosphor, **S. P. Puppalwar**, S. J. Dhoble and Animesh Kumar, Proceedings of National Seminar on Synthesis of Advanced Materials and their Applications, N. H. College Bramhapuri, March 13, 2010. pp 38 – 42. (Paper presentation)
13. Synthesis of Eu³⁺ activated Li₂BPO₅ and Li₂MgB₂O₅ phosphors, **S. P. Puppalwar**, S. J. Dhoble and Animesh Kumar, Proceedings of National conference on novel Materials and their Applications, Nilkanthrao Shinde Science and Arts College, Bhadravati, Dec 18, 2010. pp 98 – 101.
14. Thermoluminescence in Ti⁴⁺ doped LiNaF₂ phosphor by γ -irradiated of Cs¹³⁷ source, **S. P. Puppalwar**, S. J. Dhoble, S.P. Lochab and Animesh Kumar, Proceedings of National conference on Nano Science and Technology, Science college congressnagar, Nagpur, Feb 21-22, 2011 pp 234-237.
15. Effect of P ions on photoluminescence characteristics of Li₂NaBF₆: Cu phosphor, Mangesh Yerpude, **S. P. Puppalwar**, S. J. Dhoble and Animesh Kumar, Proceedings of National Conference on Advanced

Technologies in Materials Science and their Applications, Arts, Commerce and Science college, Arvi, March 6, 2011 pp 136-139.

16. Synthesis of Dy^{3+} activated $Li_2MgB_2O_5$ phosphor, **S. P. Puppallwar** and S. J. Dhoble, Proceedings of National Conference on Synthesis and Characterization of Advanced Materials, Janata Mahavidyalaya Chandrapur, October 08, 2011 pp194-197.
17. Combustion synthesis of $LiMgBF_6 :Ce^{3+}$ halophosphor, Deepa Shukla, **S. P. Puppallwar** and S. J. Dhoble, Proceedings of National Conference on Synthesis and Characterization of Advanced Materials, Janata Mahavidyalaya Chandrapur, October 08, 2011 pp 46-49.
18. Determination of kinetic parameters of TL of Eu doped $LiNaF_2$, **S. P. Puppallwar** and S. J. Dhoble, National conference on Accelerator and Radiation Safety (CARS-2011), BARC Mumbai, Nov 16-18, 2011. (Paper presentation)
19. Wet chemical synthesis of Ce^{3+} activated $LiCa_4(PO_4)_3$ phosphor, **S P Puppallwar**, M. S. Mendhe, B. R. Thawari and S. J. Dhoble, Proceedings of National conference on Recent trends in material synthesis and characterization, Bhalerao Science College Saoner, Dec 17, 2011. Pp 68-70.
20. Thermoluminescence in $LiNaF_2: Cu, P$ using ^{137}Cs source of γ – irradiation, **S. P. Puppallwar**, S. P. Lochab and S. J. Dhoble, **International** conference on Luminescence and its Applications (ICLA-2012), IICT Hyderabad, Feb 7-10, 2012 (Poster presentation).
21. Synthesis of high sensitive Li based phosphors for thermoluminescence dosimetry, S. J. Dhoble, **S. P. Puppallwar** and N. S. Dhoble, **International** conference on Luminescence and its Applications (ICLA-2012), IICT Hyderabad, Feb 7-10, 2012.
22. Synthesis and luminescence properties of Eu^{3+} activated $Li_2Sr_2Si_2O_7$ phosphor, **S. P. Puppallwar**, B. B. Yelekar and S. J. Dhoble, Proceedings of National conference on Lasers and advanced materials' (NCLM-2012), Department of physics, SGBAU, Amravati, May 29-30, 2012.

Minor Research Project: Completed MRP

Sponsored by	Duration	Subject/ theme of project	Amount sanctioned (Rs)
UGC	2008 – 2010	Synthesis and Characterization of Lithium based Phosphors	67,000 No. F. 47-229/07

Guided the following M.Sc.II (Physics) Students for Projects:

Sr.no	Name of the Students	Title of the Project	Year
1	Mr. S.R. Sonbarase	"Synthesis and PL characterization of $MgSO_4:Cu$ phosphor"	2006-07
2	Mr. A. N. Yerpude	"Synthesis and PL characterization of $LiNaSO_4$ phosphor"	2007-08
3	Mr. R.L. Kohle	"Synthesis and PL characterization of $LiKSO_4$ phosphor"	
4	Miss. Sneha Pantawne	"Synthesis and characterization of $LiNaF_2$ phosphor"	2008-09
5	Mr. Javed Wani	"Synthesis and characterization of rare earth doped Li_2BPO_5 phosphor"	
6	Miss. Asmita Meshram	"Synthesis and characterization of rare earth doped some calcium aluminates phosphor"	

7	Mr. B.V. Tupte	“Synthesis and PL characterization of mixed hexafluoride phosphor”	2009-10
8	Miss. Priya Gajbhiye	“Synthesis and PL characterization of LiBF ₄ and Li ₃ BF ₆ phosphor”	
9	Mr. Mangesh Yerpude	“Synthesis and characterization of rare earth co-doped lithium fluoride phosphor”	2010-11
10	Mr. Mukesh Mendhe	Synthesis and photoluminescence characterization of rare earth doped LiM ₄ (PO ₄) ₃ (M= Sr/Ba) Phosphors	2011-12
11	Mr. B. B. Yelekar	Synthesis and PL characterization of rare earth doped Li ₂ M ₂ Si ₂ O ₇ phosphor	
12	Ms. Bharati Thawari	Synthesis and photoluminescence characterization of rare earth doped LiM ₄ (PO ₄) ₃ (M=Mg/Ca) Phosphors	

21 Ms. M. S. Wagh

International / National Journal:

1. Comparative Acoustic Studies of Some Thiosemicarbazide and Thioxadizine at Different Compos, Scholars Research Library, ISSN No. **0976-8505**
2. A Study of Substituted Dihydroformazan in Predicting the Acoustical and its Allied Properties in Different Solvents at 288.15K, Pelagia Research Library, **0975-508X**

MRP Ongoing/ Completed

S.No.	Title	Agency	Period	Grant / Amount Mobilized (Rs lakh)
1	“Study of Acoustical Parameters of Some Thiosemicarbazides and Thioxadiazines in Different Conditions”	UGC	2012-14	1,65000/-

22. Dr. D. S. Badwaik

List of research paper publications

International Journal:

1. Study of Some Structural and Magnetic Properties of Sr₂Me₂Fe₁₁(SnCo)_{0.5}O₂₂ Nanoferrites, V.D. Badwaik, **D. S. Badwaik**, V.N. Nanoti, K.G. Rewatkar, International Journal of Knowledge Engineering Vol 3, Issue 1 (2012) 58-60

National Journals:

1. Phase Transition of Liquid Crystal Using Thermo-acoustical Parameters, V.A. Tabhane, **D.S. Badwaik**, Vandana Badwaik, O.N. Awasthi, Condensed Matter Physics Narosa Publication: ISBN 81-7319-323-1 (1999) 174-177.
2. Synthesis ,Structural and Magnetic Properties of SnCo Substituted Strontium Nanoferrite, V.D. Badwaik, **D.S. Badwaik**, K.G. Rewatkar, V.N. Nanoti J. Bionano Frontier. Vol.7(2011) 34-37
3. Synthesis and Properties of Polyaniline- Tin oxide Nano Composites, **D.S. Badwaik**, J. Bionano Frontier

Vol.7(2011) 43-

4. Thermal Studies of Electrically Conductive PANI 32% V₂O₅ Polymer Composite, U.B.Mahatme, V.A.Tabhane,D.S.Badwaik,S.P.Dongare , J. Bionano Frontier Vol. 5 (2012) 33 – 37
5. Structural and Electrical Studies of Cobalt Substituted Strontium, T.Nagose, **D.S.Badwaik** V.D.Badwaik, , K.G.Rewatkar J. Bionano Frontier, Vol. 5 (2012)404 – 407
6. Structural, Electrical and Magnetic properties of Sr₂Cu₂Fe₁₁(SnCo)_{0.5} O₂₂ Nanoferrites, V.D.Badwaik, **D.S.Badwaik**, K.G.Rewatkar,V.N.Nanoti, J. Bionano Frontier Vol5 (2012)493 – 496

International / National Conferences and Seminars:

1. Synthesis and characterization of Electrical Conducting polyaniline-zinc oxide composite, K.N. Shinde, I. M. Nagpure , **D. S. Badwaik** , S.J. Dhoble and R. B.Pode, APA International Conference on ADVANCES IN POLYMER SCIENCE & TECHNOLOGY, IIT Delhi, India- Jan 28-31th 2008 (CONP- PO-14)
2. Thermo-acoustical Parameters of Liquid Crystal MBBA, **D.S.Badwaik**, V.A.Tabhane, P.D. Wankar, A.S. Nakhate, "UGC Sponsored National Seminar on Recent Trends in Mathematical Physics, Dnyanesh Mahavidyalaya, Navergaon (Mah), Jan 04, 2004.
3. Thermodynamical Investigation of Some Novel Material Pridoxine in Aqueous Medium, P.D.Wankar, V.A.Tabhane, **D.S.Badwaik**, UGC Sponsored National Seminar on Advanced Materials, Kamla Nehru Mahavidyalaya, Nagpur, Feb 01, 2004
4. Synthesis and the Magnetic Studies of Iridium – Cobalt Substituted Calcium Hexaferrite by Chemical Co-Precipitation, UGC Sponsored National Seminar on Growth and Characterization of Solid Materials, LIT, Nagpur University, Nagpur, Nov 20-21, 2004.
5. Thermodynamical Studies on Biologically Active Compound Niacin in Aqueous Medium at 298 K, Prakash Wankar, V.A.Tabhane, **Dilip Badwaik**, A.S. Nakhate, UGC Sponsored National Conference on Recent Trends in NanoScience, Kamla Nehru Mahavidyalaya, Nagpur, Jan 15, 2006.
6. Measurement of Electrical Conductivity of Poly-aniline Zinc Oxide Composite, UGC Sponsored National Seminar on Recent Trends in Material Science M. B. Patel College, Sakoli (MS), March 10, 2007.
7. Synthesis and characterization of Electrical Conducting polyaniline-zinc oxide composite, K.N. Shinde, I. M. Nagpure , **D. S. Badwaik** , **S.J. Dhoble** and R. B.Pode, APA International Conference on ADVANCES IN POLYMER SCIENCE & TECHNOLOGY, IIT Delhi, India- Jan 28-31th 2008 (CONP- PO-14)
8. Synthesis and Studies on Conducting Poly-aniline- Stannic Oxide Composite, **D.S.Badwaik** V.D.Badwaik, UGC Sponsored National Conference on Synthesis and Characterization of New Materials and It's Applications, Kamla Nehru Mahavidyalaya, Nagpur, March 15, 2009.
9. Studies on Chemically Synthesized Composite of Conducting Poly-aniline With Zinc Oxide, UGC Sponsored National Symposium on Emerging Techniques in Material Science, Shri M. M. Science College, Nagpur, Aug 22, 2009
10. Studies on Electrical Conductivity of Poly-aniline(Pani) Titanium Oxide Composites, **D.S.Badwaik**, V.D. BadwaikUGC Sponsored National Conference on Recent Trends in Material Synthesis and Characterization, Bhalerao Science College, Saoner,Dist. Nagpur (MS), Dec. 4-5, 2009.
11. Studies on Chemically Synthesized Conducting Polyaniline- Cadmium Sulphide Composites, UGC Sponsored National Conference on Recent Trends in Material Synthesis and Characterization, Bhalerao Science College, Saoner,Dist. Nagpur (MS), Dec. 4-5, 2009.
12. Electrical and Optical Studies of Polyaniline- Cupric oxide Composites, **Dilip Badwaik**, Minakshi Rangire, Shrikant Suryawanshi, Vandana Badwaik, Dilip Chafle, UGC Sponsored National Conference on Recent Advancement in Material Science, Jagat Arts, Commerce and Indiraben Hariharbhai Patel Science College, Goregaon, Dist-Gondia (Mah),Feb 25,2010.
13. "Charge Conduction Mechanism in Poly-aniline Cupric oxide" in Proc. Of UGC sponsored National Conference "Green chemistry for environment and human health" organized by dept of chem. Kamla Nehru Mahavidyalaya, Nagpur (NCGCEHH-2011), 20th Jan 2011.
14. "Characterization of Chemically Synthesized Polyaniline- Zinc Oxide Nanocomposites." **D.S.Badwaik**, C. Kapgate, A.P.Mahajan, K.M.Wasnik Proceeding of National conference on "Advanced Technology in Material Science And Their Applications") at Arts, Commerce and Science College, Arvi (NCATMSA-2011), 6th March 2011.

15. "Reinforcement of nano meter sized SnO₂ particles in conducting Polyaniline Matrix", **Dilip Badwaik**, Rita Bele Vandana Badwaik, Halim Ahmad, Proceeding of National conference on "Advanced Technology in Material Science And Their Applications") at Arts, Commerce and Science College, Arvi (NCATMSA-2011), 6th March 2011.
16. "Synthesis ,Structural and Ultrasonic Studies of Crystalline Tin Oxide, N.N.Padole, O.P.Chimankar, V.D.Bhandakkar, **D.S.Badwaik**, N.R.Pawar UGC sponsored national Conference on S Synthesis and Characterization of Advanced Materials" Chanda Shikshan Prasarak Mandal's Janata Mahavidyalaya Chandrapur (MS) 8th Oct. 2011, ISBN: 978-93-81660-32-4
17. "Studies on Structural And Electrical Properties of SnCo Substituted SrCu Hexagonal Nanoferrite" V.D.Badwaik, **D.S.Badwaik** V.N.Nanoti, K.G.Rewatkar, , UGC sponsored national Conference on Recent Trends in Material Synthesis and Characterization" Bhalerao Science College, Saoner, Dist. Nagpur (MS) 17th Dec. 2011, ISBN: 978-81-922229-1-2
18. "The Preparation Characterization of Barium Titanate- Polyaniline Composite" **D.S.Badwaik**, S.M.Suryawanshi, S.P.Dongare U.B.Mahatme, H.A.Halim, UGC sponsored national Conference on Recent Trends in Material Synthesis and Characterization" Bhalerao Science College, Saoner, Dist. Nagpur (MS) 17th Dec. 2011, ISBN: 978-81-922229-1-2
19. Thermodynamic Study of Electrically Conductive PANi / Pbs Polymer Composite, U.B.Mahatme, V.A.Tabhane, **D.S.Badwaik**, , S.P.Dongare" UGC sponsored national Conference on Recent Trends in Material Synthesis and Characterization" Bhalerao Science College, Saoner, Dist. Nagpur (MS) 17th Dec. 2011, ISBN: 978-81-922229-1-2

Minor Research Project: Completed MRP

Dr. D. S. Badwaik UGC 2008 -2010 No.F. 47-	Synthesis and Characterization of Conductive Polymer Composite Material for Industries and Advanced Technologies.	Rs. 75,000 /- 239/07
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Guided the following M.Sc.II (Physics) Students for Projects:

Sr.no	Name of the Students	Title of the Project	Year
1	Miss. Bharti S. Madankar	"Synthesis and electrical conductivity measurement of polyaniline Zinc oxide composites"	2006-07
2	Miss. Leena Y. Gondane	"Synthesis and electrical conductivity measurement of Polyaniline Zinc oxide composites"	
3	Mr. Ashish G. Barbande	"Charge dynamics in conductivity of polyaniline semiconductor composite"	2007-08
4	Mr. Dinesh A. Kapgate	"Electrical conductivity of Polyaniline semiconductor composites"	
5	Miss. Priti M. Patil	"Charge dynamics in conductivity of Polyaniline semiconductor composites"	2008-09
6	Miss. Kirti A. Thengdi	"Synthesis and characterization of Polyaniline semiconductor composites"	
7	Mr. Shrikant M. Suryawanshi	"Study Of Charge Transport Mechanism in Polyaniline Barium Titanate composites"	2009-10

8	Miss. Minakshi B. Rangire	“Studies on Chemically Synthesized composites of Polyaniline with cupric oxide”	
9	Mr. Chaitram K. Kapgate	“Studies on chemically synthesized conducting Polyaniline-Zinc oxide Nano composites”	2010-11
10	Miss. Reeta G. Bele	“Reinforcement of Stannic oxide (SnO ₂) Nanoparticles in conducting Polyaniline matrix”	
11	Mr. Ajay Khobragade	Structural and Frequency Dependence Dielectric Properties of Mg Substituted SrBa Hexa Ferrites	2011-12
12	Mr. Tikeshwar Nagose	The Structural and Electrical Studies of Co Substituted SrCu Y-type Hexaferrites	
13	Mr. Utpreksha Bagade	The Structural and Electrical Studies of Mg Substituted SrCu Y-type Hexaferrites	

23. **Mrs S.P.Dakhore**

She presented the following papers in Conferences/ Seminars:

1. Presented a paper in National Conference on Current scenario on global challenges in germplasm conservation and Biodiversity.7-8 th July 2010 by R.T.M. Nagpur Univ. and presented paper on “Isozyme as a molecular marker in the identification of some taxa of Tubiflorae.”
2. She also presented a paper in National Conference ‘First global conference on plant reproductive biology on 22-24 Oct 2010 at Agra, on “Embryological investigation in *Lindernia crustacea*. ”
3. She also presented a paper in National Conference Green Chemistry for Environment and human health. 20 th Jan. 2011, at KNM Nagpur on “Disadvantage of Herbicide.”

24. **Dr. D.R. Saxena**

National Seminars / Conference:

1. presented a paper in National Conference “New Horizon in biological system & biotechnology” held on 18th Feb 2010 at Govt. Institute of Science, Nagpur, on Histochemical studies on testis & accessory sex organs of Palm squirrel, *Funambulus pennati*(WROUGHTON)

25. **Mrs. MRUNAL RAVIKANT WALIOKAR**

National Seminars / Conference:

1. DYSLEXIA-Learning disability, S.B. city college nag.

MRP On Going

S.No.	Title	Agency	Period	Grant / Amount Mobilized (Rs lakh)
1	Gruhinini tyanchy palyanchya mahavidylin shikshan sandarbhat ghetlelya nirnay padhatiche adhyhan.	UGC	2 Yrs	85,000/-

26. Prof. P. M. Sontakke

List of research paper publications

National Journals:

1. “Design and Development of 3-phase Inverter”, Bionano Frontier (NCTESEA-2012) 0974-0678, pp240-242, Mahesh Sharma, P. B. Dahikar, P. M. Sontakke.

National Conferences and Seminars:

1. “Wireless Electrical Equipment Control System”, **Mr. P. M. Sontakke** , Dr. P. B. Dahikar, Ms. P. M. Gaddamwar , 22 Jan 2011.
2. “An Embedded System For Fountain Show”, Mr. P. M. Sontakke , Ms. Switi S. Bhongekar, Ms. Sonali K. Patil , 22Jan 2011.
3. “Intelligent System For Determining Attitude” , Mr. Vishal G. Meshram , Mr. P. M. Sontakke, Mr. Mohan Naidu, 22 Jan 2011.
4. “PC Based Data Acquisition System” , Ms. Seema Rajurkar, Dr. C. S. Adgaonkar, Mr. P. M. Sontakke, Mr. K. Y. Rokde , 22 Jan 2011.

27. Prof. A.P. Mahajan

List of research paper publications

International Conference:

1. Electrical Conductivity of Self –Assembled Polyaniline Nanotubes
S.B. Kondawar, K.R. Patil, B.P. Ilamkar, **A.P. Mahajan**
International Conference on “Advanced Materials”, at Coimbatore 12th -16th Dec. 2011. (ICAM – 2011), pp 318.

National Conferences and Seminars:

1. *Charge conduction mechanism in poly-aniline cupric oxide*”, UGC sponsored national Conference on Green chemistry for environment and human health, on 20th Jan 2011 organized by Department of Chemistry, Kamla Nehru Mahavidyalaya, Nagpur.
2. “*Characterization of chemically synthesized polyaniline-Zinc oxide Nano-composites*”, Dilip Badwaik, Chaitram Kapgate, **Ashish Mahajan**, Kishor Wasnik, Proceeding of national conference on “Advanced Technology in Material Science and their Applications” (NCATMSA-2011) at Arts, Commerce and Science College, Arvi on 6th March 2011.

28. Dr. Anil S. Zoad**Ongoing Project**

S.No.	Title	Agency	Period	Grant / Amount Mobilized (Rs lakh)
1	Asproshodhar chalwalit vidarbhache yogdan	UGC	2 Yrs	30,000 /-

29. Prof. Mahesh Sharma**: Research Papers and Minor Research Project**

Sr. No.	Title with page nos.	Journal	ISSN/ISBN No	IF
1	Design and Development of Three Phase Inverter Mahesh Sharma, Dr. P. B. Dahikar, P. K. Sontakke	J.Bionano Frontier Vol. 5(2012) pp 240-242,	ISSN No 0974-0678	<1
2	Chemical Composition and Discharge Characteristics of - MnO ₂ prepared Using manganese ore H. Malankar, S. S. Umare, K. Singh and M. Sharma	Journal of Solid State Electrochemistry Volume 14 Number 1, Jan 2010, pp 71-82,	ISSN No. 1433-0768	2
3	Quiz Buzzer: Mahesh Sharma	Electronics for You Nov 2006, pp 74 – 80	ISSN No. 0013–516X	

Minor Research Project

S. No.	Title of the project	Agency	Period	Grants
1	Development of Constant Current Load for Testing of Proton Batteries	UGC	2005-2006	85000/-
2	Design and Development of standalone Electronic Load with USB link for data collection and transfer	UGC	2009-2010	1,33,000/-
3	Design and Development of standalone Electronic Load with USB link for data collection and transfer	Re-Applied from Kamla Nehru College		

30. Prof. N.D. Shrigiriwar**National Seminars / Conference:**

1. Presented a Paper on the topic Retail Marketing in National conference on Management & IT organized by Raison Group Nagpur 2011

31. Miss Neha Wasalwar

National Seminars / Conference:

1. Has presented a Paper on the topic “Trends in Management Practices, Role of Six Sigma In HR”. Organized by Tolani Institute of Management Studies Adipur Kachch in 2010.
2. Has presented a Paper on the topic “Competency Mapping- A successful business strategy in the global scenario”. Organized by Navilla Wadia Institute of Management Studies & Research 2011.
3. Has presented a Paper on the topic “Training and Development-Needs and Role”. Organized by Vishwakarma Global Business School Pune 2011.

32. Miss Simran Mamtani

National Seminars / Conference:

1. **Has** Presented a Paper on the topic “Promotional Strategies in Pharma Sector”. In National Conference Organized by G.H. Raisonni 2011.
2. **Has** Presented a International Paper on the topic “Impact of Foreign Universities On Indian Education System”. In International Conference Organized by NIT College 2011.

33. Mr Sohail Khan

National Seminars / Conference:

1. He has Presented a Paper in National conference on “Marketing to the bottom of Pyramid” organized by institute of business management and rural development Ahmednagar on 15th & 16th March 2010 were he received first prize for his paper.
2. He has also presented a paper in an International Conference on “innovative Practices in Management and Information Technology for Excellence” organized by Maharaja Agrasen Institute of Management & Technology, Jagadhri (Haryana) on 8th May 2010

34. Miss Kiran Gangwani

National Seminars / Conference:

1. **has** Presented a International Paper on the topic “Impact of Foreign Universities On Indian Education System”. In International Conference Organized by NIT College 2011.
2. has presented a Paper on the topic “Infrastructural Financing with Special Reference to Project Financing”. In National Conference Organized by G.H. Raisonni 2011.
3. has presented a Paper on the topic “Emerging Trends in Indian Capital Market”. In National Conference Organized Navilla Wadia Institute of Management Studies & Research 2011.
4. has presented a Paper on the topic “Role of Micro-Finance for Promoting Integrated Rural Development”. National Conference Organized by Vishwakarma Global Business School Pune 2011.

35. Mr Sachin Chambhare

National Seminars / Conference:

1. has presented a Paper on the topic Retail Marketing in National conference on Management & IT organized by Raisonni Group Nagpur 2011
2. has presented a Paper on the topic Portfolio Management in National conference organized by Lokmanay Tilak Institute of Management Studies & Research Nagpur 2011.

36. Miss Harsha Indurkar

Has presented the following papers in Conferences/ Seminars

1. Presented a paper in National Conference 'Green Chemistry for Environment and human health'. 20 th Jan. 2011, at KNM Nagpur on 'Effect of hormone combination on in-vitro studies of arachis hypo- gea'
2. She also presented a paper in National Conference 'Green Chemistry for Environment and human health'. 20 th Jan. 2011, at KNM Nagpur on 'In-vitro regeneration of bacopa monnieri'
3. She also presented a paper in the same conference on 'Biodegradation & decolorization of dye by mix consortia of bacteria'

37. Dr S.D. Bhute

Has presented the following papers in Conferences/ Seminars :

1. Presented paper in National Conference 'Green Chemistry for Environment and human health'. 20 th Jan. 2011, at KNM Nagpur on "Potential impact of human activities on Futala lake."