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Designation : Ass. Professor

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Areas of Specialization

Computers, I.T., e_Commerce, Systems, Marketing Management, Production anagement.

Areas of Interest

Research, e_Business, Technology Management, Modern Management Practices, Systems Analysis Design and Development, Automation, Entrepreneurship development.

Educational Details

Course	University	Subject
DIE	Board of Tech. Exams. Bombay	Industrial Electronics Engineering
B.Sc.	Marathwada University Aurangabad	Phy. Chem, Electronics
B. Tech	YCMO University, Nashik	Electronics Engg. & Tech.
M. Sc.	Marathwada University, A'bad	Computer Science
M.B.A.	YCMO University Nashik	Marketing Management
P.G.D.P.M.	Marathwada University, A'bad	Production Management
P.C.C.	Marathwada University, A'bad	Dramatics
Ph.D.	S.R.T. Marathwada University Nanded	Management Science

EXPERIENCE:

Teaching Experience : Regular at Vocational Courses level. (20 Years)
1) Full Time teacher in Electronics Technology at the well reputed S.B.E.S. College of Science, Aurangabad for the Self Employment oriented Competency based Vocational Courses of Director of Vocational Education & Training under the Ministry of higher & Technical Education Maharashtra. From 20/12/1988 to 22/01/2009 i.e. for more than 20 Years.
2) Co ordinator and Lecturer for Licentiate Course in Computer Hardware Maintainance

(LCHM) affiliated to the Board of Vocational Examinations Maharashtra state for One Year.

- 3) **Lecturer for Certificate Course in T.V. repairing:** An autonomous course conducted by IMTR Aurangabad for upliftment of the economically backward students by providing the self employment oriented training.

Teaching Experience : Contributory at U.G. and P.G. level. (15 Years)

- 1) **Honorary Lecturer in Computer Science** at the S.B.E.S. College of Science Aurangabad for the University affiliated UG & PG courses i.e. B.Sc. & M. Sc. in Computer Science. From July 1995 to May 2005 i.e. for almost 10 Years Contributory.

- 2) **Visiting Faculty for University affiliated PGDCA & M.C.A.** Courses at the Institute of Management Training & Research, Aurangabad. From July 1990 to Oct 2005 i.e. more than **15 Years** Contributory.

- 3) **Associated Faculty for the M.Phil** in Computer Science and M.Phil in Information Technology for the Yashwantrao Chavan Maharashtra Open University affiliated PG Courses at IMTR, Aurangabad. From July 2007 to 2009 i.e. for Two years Contributory.

Research Experience : Regular Research Assistant & Consultant (17 Years)

- 1) **Consulting Research assistant** for research design evaluation and analysis for the NGO SACRED affiliated to the Ministry of HRD Govt. of India for the socio economic surveys and projects during the period January 1992 to January 2009 i.e. for 17 Years.

Research Project Carried out

RESEARCH PROJECTS COMPLETED (AS INVESTIGATOR & CO INVESTIGATOR)

Sr. No.	Title of the project	Funding Agency	Duration	Status
1.	Statistical Analysis of Colgate Palmolive Products.	Colgate Palmolive India Ltd. MIDC Waluj Aurangabad	1/06/1997 to 20/07/1997	Completed (20/07/1997)
2.	Study of Performance Appraisal of teachers as a measure of quality improvement in higher education	UGC New Delhi WRO Pune	15/06/2002 to 23/03/2004	Completed (March 2004)
3.	Survey for Exploration of placement opportunities for MCVV students in the industries in & around Aurangabad.	Dy. Director Vocational Education & Training, R.O. Aurangabad in coordination with Apprenticeship Advisor Board Mumbai.	14/03/2005 to 29/03/2005	Completed (March 2005)
4.	Education in Marathwada Challenges in 21 st Century: Status of MCVV education.	SRT institute for Socio economic studies & National Integration, Aurangabad.	Dec 2007 to Dec 2008	Completed (Dec 2008)

Research Guide

- ◆ **No. of Students completed M.Phil :** 02 YCMO University Nashik (Computer Science)
- ◆ **No. of Students Submitted Dissertation :** 1 YCMO University Nashik

◆ No. of Students Registered : 05 YCMO University Nashik (Computer Science 03, I.T. 02)
Topics Guided for M.Phil dissertation
◆ "Designing, development & evaluation of Real Time Tool for Thrust line analysis of mesonary structure". : M. Phil student Mr. A.A. Zalte, MIT College of Engg. Aurangabad
◆ "Host based Anomaly detection: An approach using Data Mining techniques". M.Phil student Mr. R.S. Parkhe MIT College of Engg. Aurangabad
◆ "A study of behaviour based intrusion detection using data mining". M.Phil student Mr. Anshumansingh Sadh, College of Engg. Khandwa.
◆ "Simulation model for understanding the Operating Systems using e-learning concepts". M.Phil student Mrs. S.H. Pardeshi, I.M.T.R. Aurangabad.
◆ "Study of effectiveness of advertises made using mobile technology". M.Phil student Miss. More A.V. I.M.T.R. Aurangabad.

Courses Taught & Subjects Covered

1. Electronics Technology Under the NCERT Sponsored Scheme MCVC
Theory and Practical of
○ Basic Electricity and Materials
○ Basic Electronics
○ Applied Electronics
○ Electronic Instrumentation, Microprocessors & Medical Electronics
○ Consumer electronics
○ Industrial Electronics and Line Communication
○ Projects
2. Licentiate in computer Hardware Maintenance LCHM
Theory and practical of-
○ Computer hardware repairs
○ Computer peripheral repairs
○ Network installation and repairs
○ Software installation and troubleshooting
3. Certificate Course in Information Technology (Govt. approved course offered by CEDT A'bad for Govt. Employees prior to introduction of MSCIT.)
○ Computer fundamentals
○ Computer applications
4. Certificate Course in T.V. Repairing (Autonomous IMTR)

Practical of-
o Basic Electrical and Electronic principles
o Electronic Test Equipments and measuring techniques
o Basics of Communication
o Troubleshooting techniques for Monochrome and Colour televisions
5. B.Sc. Computer Science (Dr. BAM University A'bad)
Theory and Practical of-
o Computer Organization
o Microprocessor and 8085 Programming
o Digital electronics
6. M.Sc. Computer Science (Dr. BAM University A'bad)
Theory and Practical of-
o Principles of Compiler Design
o Principles of Programming Language
o Operating Systems
o Microprocessors and Interfacing
o Artificial Intelligence
o Database Management Systems
o Software Engineering
7. P.G. Diploma in Computer Applications (DCA) (Dr. BAM University A'bad)
o Organization of Computer
o System Analysis and Design
o Projects
8. Master of Computer Applications (MCA) (Dr. BAM University A'bad)
o Organization of Computer
o System Analysis and Design
o Evaluation of Computer Systems and Computer Center Management
o Computer Networking
o Management Information Systems
o Computer Systems Architecture
o Artificial Intelligence
o Database Management Systems
o Software Engineering

o Projects
9. M.Com./ M.Com. (E-Com.) (SRTM University)
Theory and Practical of-
o Computer Applications in Business
o e_commerce
10. MBA (YCMO University)
o Strategic Management
o Marketing Research
o Advertising and Sales Promotion
11. MBA (SRTM University Nanded)
Theory and Practical of-
o Management Information Systems
o e-Business and e-Commerce
o Computer applications in Business
o Business policies and Strategic Management
o Research Methodology
12. M.Phil. (Computer & I.T.) (YCMO University)
o Neural Networks & Fuzzy Logic
o Genetic Algorithms
o Information Technology

Publications as free lance journalist

S.N.	Title / Name of Publication	Page	Volume / Issue	Year
1	"Internet & Potentials" , 'Mahanagar' Aurangabad Edition.	6	9 th July	1995
2	" Software Piracy Law" , Mahanagar Aurangabad Edition.	6	15 th October	1995
3	A Series on "Introduction to Computer & Assembly" Tarun Bharat Aurangabad Ed.	9	3 rd May to 12 th June	1999

Seminars/Conferences/Workshops Attended and Presented Papers

S.N.	Details of Activity	Nature of Participation	Date
1	Dist. Level Orientation Seminar for NSS volunteers at S B Arts Commerce College Aurangabad.	Participant	17 th to 20 th Oct 1986
2	Teachers Training Programme by Director Vocational Education & Training Maharashtra at Nashik	Presentation	1 st Jan to 28 th Jan 1989

3	Work shop on " Biomedical Engineering- Curriculum & approach" at CEDT Aurangabad	Presentation	29 th Jan to 3 rd Feb 1990
4	Teachers Training Work shop at Vinayakrao Patil College Vaijapur.	Participation	11 th July 1996
5	National Seminar on "Environmental Education necessity & Design of Curricula" at S.B Science College Aurangabad.	Presentation	14 th & 15 th Nov 1998
6	State level seminar on "Standard of Instruction-UGC Regulation" at S B College of Science , Aurangabad	Participation	20 th & 21 st Nov 1999
7	Seminar on " Towards Quality Education" at S B Science College Aurangabad.	Presentation	22 nd 23 rd Jan 2000
8	State level Seminar on "Autonomy- Difficulties & Measures in the light of successful functioning" at Sitabai College Akola	Participation	15 th Oct 2000
9	State level Seminar on " Quality in Higher Education" at S B E S College of Science Aurangabad.	Presentation	3 rd & 4 th March 2001
10	Work shop on "Effects of Globalization" at PES Millind College of Science Aurangabad.	Participation	10 th & 11 th Dec 2002
11	State level Seminar on "Innovations in Higher Education" at S.B. Arts & Commerce College Aurangabad	Presentation	5 th Oct 2002
12	UGC Sponsored National Seminar on " Education in Marathwada present status & future" at Deogiri College Aurangabad.	Presentation	17 th & 18 th Jan,2009
13	Joint Intrnational conference with PIMSR & AICAR on "Management Strategies of trade, commerce, & industries in India, S.Korea, China & USA" at Mumbai University	Presentation	29 th & 30 th Jan,2009
14	UGC sponsored National conference on "Global recession & it's impact on Indian economy" at RS Mahavidyalaya Latur.	Presentation	13 th & 14 th March,2009
15	National Seminar on "Transformations in Banking" at Karnatak University Dharwad.	Presentation	28 th & 29 th March, 2009
16	UGC sponsored National Seminar on "Quality practices towards entrepreneurship & greater employability for students" at S.R. Narsapur College Bagalkot.	Presentation	30 th & 31 st March,2009

Resources Person in refresher and orientation Courses

S.N.	Details of Activity	Nature of Participation	Date
1	National Seminar on " Environmental Education necessity & Design of Curricula " at S.B Science College Aurangabad.	Technical Session in charge	14 th & 15 th Nov 1998
2	State level Seminar on " Innovations in Higher Education " at S.B. Arts & Commerce College Aurangabad	Resource Person	5 th Oct 2002
3	Workshop on " Preparation of Self Study Report for NAAC " at MGV Arts & Com College Nampur. Nashik	Resource Person	25 th Dec 2002
4	Work shop on " Effective use of AV aids in Teaching " at S.B. Arts & Commerce College Aurangabad	Resource Person	19 th Mar 2002
5	Seminar on "Problems of Rural Colleges & Quality Improvement Strategies" at S B Science College A'bad.	Organizing Member	1 st & 2 nd Feb 2003
6	Training programme for in service Teachers	Resource Person	10 th June

	at "Shishu-Vihar" Aurangabad.		2003
7	Regional level workshop on Computer applications to UGC syllabus of Mathematics & Statistics at SBES College of Science Aurangabad with Marathwada Mathematical society.		1 st Nov to 6 th Nov, 2004

Membership

<ul style="list-style-type: none"> • Founder member of Computer Society of India Aurangabad Chapter. • Former Member web site development committee S.B.E.S.college of Science Aurangabad. • Former Member of the Purchase Committee S.B.E.S.college of Science Aurangabad. • Former Member of the courseware design committee for DOAECC formerly CEDT Aurangabad. • Former Member of paper setter committee Marathwada University Aurangabad from 1990 to 2005. • Former Member of the admission committee of S.B.E.S.College of science Aurangabad.From 1988 to 2008. • Former Member of the NAAC preparation team of S.B.E.S.College of science Aurangabad. • Member Black dragon Marshal Art Academy Nandanvan Colony Aurangabad. • Member Marathwada Youth Body Building association, Aurangabad. • Expert Member for the GDPI committee B.T.E. CET Admissions 2009. • Member of admission committee SCMS SRTM University Nanded. • Joint Secretary Computer Society of India Aurangabad (1994) • Member of examination committee for M.Sc.Computer Science, MCA,DCA courses of Marathwada University Aurangabad. (1993 to 2002) • Member Selection Committee S.B.Education Society Aurangabad (1998 to 2001) • Member Science & Engineering Project Committee MAHAEXPO 94 industrial exhibition in organized by Marathwada Industries Association. • Subject Expert for MCVC affiliation committee for Directorate of Vocational Education Maharashtra.
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Publications in the form of Booklets, Handbooks, Text book, Lab Manuals:

1. Manual of Practical Procedures for Std. XI Electronic Technology Practicals.
2. Manual of Practical Procedures for Std. XII Electronic Technology Practicals.
3. Manual of Practical Procedures for B.Sc. Computer Science Digital Electronic Practicals.
4. Manual of Practical Procedures for B.Sc. Computer Science Microprocessor and Interfacing Practicals.
5. Manual of Practical Procedures for M.Sc. Computer Science Microprocessor and Interfacing Practicals.
6. A book titled "Trouble shooting Procedures for Electronic lab work".
7. A book titled " Hand book of CPU fault diagnosis".
8. A booklet for " Pentium Processor architecture and supporting features".
9. A hand book for "Drive and Floppy Care".

Papers Presented in various Seminars

1. Paper presented on " Skill Development & Practical approach in Teaching methods" at training programme for teachers organized by Director Vocational Education

Maharashtra State & NCERT at ITI Nashik.
2. Presented a paper titled " Bio medical Instrumentation-Potential for Service industry and Self Employment" based on Survey at the Work shop on "Bio medical instrumentation-Curriculum & approach" organized by CEDT Aurangabad on 2 nd Feb 1990.
3. Paper presented on "RDBMS & Application scope for SSI" at the Work shop organized by Computer Society of India Pune Chapter for Industrialists and Practicing managers on 7 th July 1992 at Hotel Aurangabad Ashok.
4. Presented a paper on "Film as an A V Aid for effective teaching" at the Work shop on 'Film Appreciation' at Sanjeevan Vidyalaya, Paanchgani on 1 st Nov 1995.
5. Presented a paper based on practical problems & suggestions regarding "Implementation of Vocational Education" at the Seminar organized by Indian Institute of Education Pune for NCERT's New education policy on 4 th Feb 2001.
6. Presented a paper on " Quality management PDCA approach" at the State level seminar on "Quality in Higher Education" at S B Science College Aurangabad on 3 rd & 4 th March 2001.
7. "Opportunities for better services and consumer relations through innovations in ATM technologies". Paper presented at the 'National Seminar on 'Transformation in Banking' at Karntak University Dharwad on 28 &29 march 2009.
8. IMPACT OF RECESSION ON INDIAN INFORMATION TECHNOLOGY SECTOR jointly with Prof. Dr. Jayant V. Joshi , V.R.Uttarwar UGC sponsored National conference on "Global recession & it's impact on Indian economy" at RS Mahavidyalaya Latur on 13 th & 14 March, 2009.
9. "Opportunities for implementation of Vocational Education at Degree level by utilization of the present infrastructure of MCVS Scheme" . Paper presented in the conference on "Education in Marathwada present & future" at Deogiri College Aurangabad on 17 th &18 th Jan,2009.
10. "Disaster Management Strategies some considerations wrt. Indian context".in the Joint Intrnational conference with PIMSR & AICAR on "Management Strategies of trade, commerce, & industries in India, S.Korea, China & USA" at Mumbai University on 29 th & 30 th January,2009.

Consultancy Support extended regarding R & D
1. Supported M/S Colgate Palmolive to solve problems regarding Production & Quality Control Systems.
2. Supported M/S Videocon Appliances for System Analysis and Design through M/S Safetech Systems Andheri W Mumbai.
3. Supported M/S Software House for development of College Automation and Central Online Admission System Softwares.
4. Supported DoE CEDT for design of the course on Information Technology for in service Govt. employees.
5. Supported for System evaluation, design, integration & management for many SSI and Ancillary units like Pranav Engg, Renuka forge MIDC, Waluj, aurangabad.
6. Associated with 'Swami Ramanand Teerth Research Institute' Aurangabad for various research projects and surveys.
7. Associated with 'Institute of Management Training & Research' Aurangabad for various research projects and surveys.
8. Supported many engineering college and MCVS students for development of new products, circuits, assemblies and systems under the guidance regarding the 'Project work' as a part of their academic activities.

Administrative Experience As In-charge Head Department of Vocational Courses at the S BE S College of Scienc eAurangabd.
● Support to Day-to-day Administration of the College
● Academic Planning & Control.
● Budget and Budgetary Controls

● Purchase Planning and Stores Management.
● Training and Placement.
● Industrial Visits and Guest Lectures.
● Entrepreneurship development programs.
● Industry Institution Interaction for 'On Job Training' for students.
● Maintenance of Laboratories.
● Office correspondence and Management of Systems.

Participation in the Design and developmental activity
● Laboratory and infrastructural facility for vocational courses at S.B.E.S.College of Science Aurangabad.
● Computer, Digital and Microprocessor laboratories for B.Sc. and M.Sc. Computer Science courses in S.B. College of Science, Aurangabad.
● Computer Hardware laboratory for 'LCHM' course.
● Laboratory for M.C.A. Course at Institute of Management Training and Research Aurangabad.
● Office Automation activities of S.B.E.S. College of Science Aurangabad.
Preparation of Course & Instructional Material for the above, Set up of Laboratory Experiments for the same.

Co-Curricular and Extra curricular activities:-

- Active participation in N.C.C. and N.S.S.
- Founder member of Computer Society of India Aurangabad Chapter.
- Member of 'Youth Health Club'.
- Member of 'Natya Ranga' amateur theatre association.
- Acted and Directed Marathi and Hindi Plays.
- Arranged computer awareness programs for 'Slum dweller students'.
- Designed and conducted computer awareness training for college teachers.
- Worked as subject expert for affiliation committees, examination committees, interview panels.
- Member for exhibition committee of 'MAHA-EXPO' 94 industrial exhibition held in Aurangabad.