



R E S U M E

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<u>Qualification</u>	B.E.Civil(1994), M.E.Structures(2002), Ph.D.Structures(2010)

PROFESSIONAL SUMMARY:

POST	INSTITUTION	PERIOD	
		FROM	TO
PRINCIPAL	P.E.S. College of Engineering, A'bad.	January 17, 2011	Till Date
Selection Grade/A.P.& HOD/T&P Officer	P.E.S. College of Engineering, A'bad.	March 01, 2005	January 16, 2011
Sr.Lecturer/Purchase Incharge	P.E.S. College of Engineering, A'bad.	March 01, 2003	February 29, 2005
Lecturer & Maintenance Engineer	P.E.S. College of Engineering, A'bad.	August 18, 1994	February 28, 2003

PRINCIPAL - P.E.S.College of Engineering- Aurangabad (Jan 2011-Till Date)

- To conceptualize, develop and implement various strategies conducive for growth of the institute
- To constantly strive for achieving academic excellence at the organization
- To provide leadership to the entire staff and students for achieving the laid down goals
- To liaise/network with various technical, non-technical, Government and other statutory bodies for approvals, permissions and organizational development

HOD- Civil Engineering Dept. & Training & Placement Officer (March 2005-Jan 2011)

- Administration and overall control of the entire Department.
- Co-ordination with all departments regarding the Academic activities of First Year Engineering.
- Co-ordination with all the Departments regarding placement programs.
- Creating & maintaining the Database of the companies and interacting with them in connection to visit the institute campus to conduct the interviews.
- To interact with the industry to have an Industry-institute interaction.

ACHIEVEMENTS:

- Due to continuous vigilance on the First Year Engineering, the results of First Year is consistently ranging from 75-80%
- The Placements in the National and Multi-National Companies have been increased from 5 to 10% to 40-45% from 2005.
- MOU's have been signed up with industries like IBM, Pune, Red Hat, Professional Tutorials, Finishing School, Pune, Crompton Greaves (Aurangabad).
- Final Year Projects in progress in Industry Institute Interaction with HCL Infosystems, Pune.
- Conducted pool Campus at Marathwada Level of Syntel Inc. Ltd., M/s. Godrej & Boyce Pvt. Ltd., L & T Infotech Pvt. Ltd., Mumbai, Schinidner Electric Pvt. Ltd., New Delhi, Patni Computers Pvt. Ltd., Torrent & Power Pvt. Ltd., Gujrat, Lombardini Greaves, Wipro Technologies Pvt. Ltd., Pune, EMCO India Pvt. Ltd., Mumbai, Mahindra & Mahindra (Mumbai), Reliance Info systems (Mumbai), Persistent Pvt. Ltd. (Pune), Cognizant Pvt. Ltd. (Pune), Idea Cellular Pvt. Ltd. (New Delhi) etc.

PROJECT ENGINEER - P.E.S. College Of Engineering New Building (1997-1999).
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- Preparing the estimates of the New Building.
- Prepared the Tender Document.
- Supervision of Construction Work.
- Measurement of the quantities.
- Procurement of material.

ACHIEVEMENTS:

- Completed the work at lower rates than the market.

CO-ORDINATOR- Students Council- (1994-2005).

- Formation of the students' council.
- To Administrator the overall working of the student council activities.
- To encourage and shape the students to participate in various activities like Youth Festival (University Level, Lokmat Group, Sakal Group & Rotary Club).
- Organizing Annual Social Gathering as a Chairman from 1994-2004.
- Selecting & encouraging students to participate in State Level Debate, Sports, and Cultural Events.

ACHIEVEMENTS:

- Students bagged prizes at National / State Level events from 1994-2005.
- State Level Debate Competition Trophy consecutively for 3 years.
- State Level Gymnastic Trophy for 3 years.

PURCHASE IN-CHARGE / PURCHASE OFFICER (2001-2005)

- Collection of information from All Heads of the Departments regarding tentative plans for the financial year and allocation of Budget to each and every department.
- Checking the Quality & Quantity of the material.
- Organizing the Dead Stock / Physical Stock Verification twice a year.
- Approval of the indents of all the Departments.

ACHIEVEMENTS:

- Judicious & proper utilization of funds.
- Procured IBM's Machines from USA at very less price as compared to the market.
- Set up a standard procedure of procurement of materials.
- Set up a transparent system in purchase of materials / equipments.

MEMBERSHIP OF COMMITTEES

Elected Representative – Local Management Committee (2000 – on words)

- As per Maharashtra University Act 1994, Unanimously elected by the teaching faculty as their representative on Local Management Committee. .

ACHIEVEMENTS:

- Assisted the Principal in making the proposals of New Courses and getting it sanctioned from AICTE Civil Engineering and Increase in Intake of Computer Science & Engineering.
- Assisted the Principal in overall Administration and Academics of the Institution.

MEMBER- Management Quota Admission Committee (2001-2007)

- Conducted the process of Admission as per rules and assisted the Principal in all respects.

CHAIRMAN-Scrutinizing the proposal of career advancement (2007-2008)

- Scrutinized the proposals of all the Eligible Faculty Members as well as non-teaching staff and submitted the report to the Honorable Principal for further necessary action.

ACHIEVEMENTS:

- All eligible Faculty Members were promoted to Senior Lecturer Selection Grade / Assistant Professor as per the report submitted.
- Also, the non-teaching staff members got 12 years time bound scale as per the report submitted by the committee under my Chairmanship.

MEMBER- Construction Committee P.E.Society Aurnagabad Office (2005-Till Date)

- Actively participated in the discussions and suggest about the overall construction activity of P.E.S. College of Engineering Existing Building.
- Construction / Beautification of Training & Placement Cell (III Floor) of existing P.E.S. College of Engineering.
- Forwarded the proposals of News / Renovation of the construction activities in the benefit of the Institution.

MEMBERSHIPS OF THE INSTITUTIONAL BODIES:

- Fellow of Institution of Engineers
- Life Member of International Centre of Fibre Reinforced Concrete, Chennai.
- Life Member of Indian Society of Technical Education.

UNIVERSITY APPOINTMENTS

- Member of faculty of Engineering & Technology, Dr. BAM University, Aurangabad.
- Member of Board of Studies in Civil Engineering Dr. BAM University, Aurangabad

CHAIRMAN- Board Of Studies in Civil Engineering, DR.BAM University, Aurangabad.

- Administrator all the Academic matters of the University.
- Designing the curriculum of the Civil Engineering.
- Appointment of Paper Setters / Examiners in the subject of Civil Engineering at BE & ME level.
- Ex-Member of the Research & Recognition Committee.
- Ex-Member of the Academic Council.
- Ex-Member of the Grievances Committee.
- Ex-Member of the BUTR Committee, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- Ex-CHAIRMAN, Affiliation Committee on different Institute.

RESPONSIBILITY: Since 2005-Till Date

- Member of the School Systems. Dr. Babasaheb Ambedkar Marathwada University, Aurangabad member of the Affiliation Scrutinizing Committee.
- Designed the FE, SE & TE (Civil) curriculum effectively as per the Industry Standards.
- Actively participated in the discussions in the overall academic development at University level.
- Strongly recommended to the Vice-Chancellor to start the School system in Engineering & Technology.
- Recommended to Vice-Chancellor to start the PG Courses in the University.
- Suggested to give Recognition for Ph.D. Guides by relaxing the rules and the same was approved by the Vice-Chancellor.
- Reviewed the Affiliation Reports of all the Colleges in the jurisdiction of the University and suggested the standards about the continuation of affiliation to all the members of Academic Council held on November 29, 2008 faculty-wise.

MEMBER-Grievances Committee:

- As per the Maharashtra University State Act 1994 the member of the Grievances Committee is to be nominated / elected from academic council.
- As per the Statutes, I was unanimously / unopposed nominated as the member of the said Committee.

ACHIEVEMENTS:

- Reviewed all the Grievances of teaching & non-teaching and suggested the opinion to all the Honorable Members and tried to give justice to maximum applicants

VICE-CHANCELLOR'S SUBJECT EXPERT IN CIVIL ENGINEERING:

- Interviewed the candidates appearing for the interview in the subject of Civil Engineering in the College JNEC College of Engineering, Beed, College of Engineering, Tuljapur, College of Engineering, Osmanabad etc. and suggested the candidates to be selected of merit.

RESEARCH ACTIVITIES:

- Ph.D. (Civil Structure) thesis on "Performance of High Strength Fibre Reinforced Concrete".
- ME (Civil Structures) thesis on "Effect of various strengths on Steel Fibre Reinforced Concrete".
- Dr. Y.M. Ghugal & A.P. Wadekar "Effect of various strength on Steel Fibre Reinforced Concrete" IWC International Symposium by ICI (Pune Center).
- A.P. Wadekar, Dr. Y.M. Ghugal, S.C. Patodkar "Analysis of Recycled RCC Beams with Steel Fibres & Polymers 'FIRST cusat conference "RACE 2004" at Cochin.
- R.M. Damgir, T.V. Nandanwar, Md. Ishtiaque and A.P. Wadekar "Experimental Investigation Steel Fibre on various strengths of Concrete". National Seminar on Advances in Concrete Tech. and Concrete Structures for the future organized by Dept. of Civil and Structures Engg. Annamalai University, Chennai.

CONFERENCE / SEMINAR / WORKSHOP ATTENDED

- Attended National Seminar on "Financing, Designing, Construction and Operation of Highways" Organized by Government College of Engineering & All India Council for Technical Education (February 07, 08, 2002).
- Attended National Seminar on "Improvement, Rehabilitation and Maintenance of Roads" organized by Government College of Engineering & All India Council for Technical Education (August 22, 23, 2003).
- Attended International Symposium on INNOVATIVE WORLD OF CONCRETE 2003 and presented a paper on "Effect of Steel Fibres on various strengths of concrete". (September 19, 21, 2003).
- Attended National Seminar on Advances in Concrete Tech. and Concrete Structures for the future, organized by Dept. of Civil and Structures Engg. Annamalai University December 18,19, 2003).
- Attended FIRST cusat conference "RACE 2004" at Cochin and presented paper on "Analysis of Recycled RCC Beams with Steel Fibres & Polymers" (March 25, 27, 2004).
- Attended workshop on nondestructive testing on Concretes organized by College of Engineering Pune & Institution of Engineers (Pune Chapter) (April 2004).

- Attended conference at Shanghai organized by “Sakal Education 2012” on 28th Sept. – 2nd Oct. 2012
- Attended workshop on “Institutional Building a organized by IFEHE at IIT Delhi.
- Attended “National Higher Education Conclave” organized by CII coimbatore on 29-30 Nov 2013, at Hotel Le Meridien, Coimbatore.
- Attended a National Seminar on Entrepreneurship Development organized by AICTE, at Hotel Taj New Delhi on 19th Sep. 2014
- Paper presented in " Review on Particle swarm optimization, India. "International conference on New Trends in Engineering and technology (ICNTET-IEEE), GRT College, Tiruvallur, Dist. Chennai, Tamilnadu,
- Paper presented in " Comparative Study on Behaviour og G+17 Storey RCC Structure with and without Zipper Frame using time history Method, "International conference on New Trends in Engineering and technology, NIE Institute of technology, No 50 (Part), Koorgalli, hootangalli -Industrial Karnataka, India.
- Paper presented in " Analysis of Normal RCC Frame and Zipper Braced frame by Push over method in Sap2000, Area, Next to BELM, Mysore,." International conference on New Trends in Engineering and technology, NIE Institute of technology, No 50 (Part), Koorgalli, hootangalli Industrial Karnataka, India.
- Paper presented in " Particle Swarm Optimization for Design of Beam,."International Journals with ISSN from USA and will be archived in SEEK Digital library with ISBN from USA, Institute of Research Engineering and Doctors, USA (IREDD)
- Paper presented in " Seismic Analysis of Polygonal face dome, triangular face dome and zipper braced dome " International Conference on Structural and Civil Engineering (JCSCE-18)/Journal of Emerging Technologies and Innovative research

RESEARCH PAPERS PUBLISHED IN THE INTERNATIONAL JOURNALS

1. Punching Shear Strength of High Strength Fibre Reinforced Concrete Slabs, (Co-other as Dr. A. P. Wadekar) International Journal Of Modern Engineering Research, Vol. 4, No. 11, Nov. 2014, PP. 11-17.
2. Comparative Study in Between Two Types of Fibres for Mechanical Behavior of High Strength, (Co-other as Dr. A. P. Wadekar) International Journal Of recent technology and Engineering, Vol. 3, No. 4, Nov. 2014, pp. 19-22.
3. Comparative Evaluation for Experimental and Analytical Mode for Tensile Behavior of High Strength Fibre Reinforced Concrete, (Co-other as Dr. A. P. Wadekar) American Journal of Engineering Research, Vol. 3, No. 11, Nov. 2014, pp. 198-203

4. Study of High Strength Fibre Reinforced Concrete by using Two Types of Fibres, (Co-other as Dr. A. P. Wadekar) International Journal of Research in Engineering, Science and Technology. Vol.1, No. 2, pp. 10-16, April-2015.
5. Study of Different Types Fibres used in High Strength Fibre Reinforced Concrete (Co-other as Dr. A. P. Wadekar), International Journal of Innovative Research in Advanced Engineering (IJIRAE), Volume 1 Issue 9 (October 2014), ISSN: 2349-2163.
6. Mechanical Behavior of High Strength Fibre Reinforced Concrete, (Co-other as Dr. A. P. Wadekar) SEWC 2015.
7. Performance Evaluation of Magnetic field Treated water on Convectional Concrete Containing Fly Ash, (Co-other as Dr. A. P. Wadekar) International Journal of Science Technology and Management, Vol. 5, No. 2, Feb 2016, pp. 68-77.
8. Performance Evaluation of magnetic field treaded water on conventional concrete, (Co-other as Dr. A. P. Wadekar), International Journal for Scientific Research & Development, Vol.4, Issue 06, 2016, ISSN: 2321-0613, PP. 1104-1110.
9. Analysis of Seismic Behavior of Infill Frame Structures With Shear wall for Lifts by E-Tab Software, (Co-other as Dr. A. P. Wadekar) International Journal of Science Technology and Management, Vol. 5, No. 1, Jan. 2016, pp. 422-433.
10. Seismic Response of Infill Frame Structures with Shear Wall for Lift using Pushover Analysis by using SAP2000 Software, (Co-other as Dr. A. P. Wadekar), International Journal of Core Engineering & Management (IJCEM), Vol. 2, Issue 10, January 2016, ISSN: 2348-9510, PP. 240-250.
11. Study of High Strength Fibre Reinforced Concrete for M80 Grade by using different types of Steel Fibre, (Co-other as Dr. A. P. Wadekar), International Journal of Scientific Research & Development (IJSRD), Vol.4, Issue 06, 2016, ISSN: 2321-0613, PP.612615.
12. Investigation of Steel Fibre Reinforced Concrete Corbels by Experimental and Analytical Method, (Co-other as Dr. A. P. Wadekar), International Journal of Concrete Technology (IJCT), Vol. 2, Issue 2, 2016, pp. 23-29.
13. The Behavior of Reinforced Concrete Corbels with Steel Fibres and Shear Strength Prediction, (Co-other as Dr. A. P. Wadekar), International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Vol. 5, Issue 8, August 2016, ISSN 2319-8753, pp. 14979-14987.
14. Study on Behavior of Crimped Steel Fibre on High Strength Concrete with Different Strength Parameter, (Co-other as Dr. A. P. Wadekar), International Journal for Scientific Research & Development (IJSRD), Vol. 4, Issue 6, Aug. 2016, ISSN: 2321-0613, pp. 496-500.

15. Study of Various Physical Properties of Recycled Aggregate and Increasing Compressive Strength of Recycled Aggregate Concrete, (Co-authored as Dr. A. P. Wadekar), International Journal for Scientific Research & Development (IJSRD), Vol. 4, Issue 6, Aug. 2016, ISSN: 2321-0613, pp. 447-451.
16. Use of Recycled Aggregate in Concrete to Achieve Characteristic Strength M50 with Addition to Steel Fibre, (Co-authored as Dr. A. P. Wadekar), International Journal of Concrete Technology (IJCT), Vol. 2, Issue 2.
17. Study on Behavior of Crimped Steel Fibre on High Strength Concrete for Grade M90, (Co-authored as Dr. A. P. Wadekar), International Journal of Research in Engineering and Technology (IJRET), Vol. 5, Issue 9, September 2016, ISSN: 2321-7308.
18. Experimental Investigation on Alkali Activated Concrete, (Co-authored as Dr. A. P. Wadekar), International Journal of Core Engineering & Management (IJCEM) Vol. 3, Issue 3, June 2016, ISSN: 2348-9510, pp. 62-74.
19. Analysis of Composite Beam by Finite Element Method, Journal of Construction and Building Materials Engineering, MAT-Journals, Volume 03, Issue 03, DEC 2017, pp 1-11.
20. Comparison of Results for Analysis of Composite Beam of Different Cross Sections by Finite Element Method, Journal of structural Engineering and its applications and Analysis, HBRP Publications, Volume 01, Issue 01, Feb 2018, pp 1-14.
21. Comparison of Plan Irregularity of Multistoried Structure for wind Analysis, Internal Journal of Advance Research in Science and Engineering (IJARSE), Impact Factor 2.83, Volume 5, Issue 12, Dec 2016, pp 277-282.
22. Comparison of Plan Irregularity of Multistoried Structure for wind Analysis 5th International Conference on recent Trends in Engineering, Science and Management (ICRTE SM), Dec 2016.
23. Effect of wind on Irregular Plan with Optimum Shear Wall Location using E-TAB Software, Journal of structural Engineering and Management (JOSEM), Volume 04, Issue 01, March 2017.
24. Optimum Location of Shear Wall with plan irregularity of multistoried structure for wind analysis using E-TAB, Journal of construction engineering, Technology and management (JOCETM), Volume 07, Issue 02, April 2017.
25. Comparative Study on Damper and Shear wall in Earthquake analysis for Multi-Storey Structure, Journal of Structural Engineering and Management, (STM), Volume 04, Issue 02, May 2017, pp 13-21.

26. Seismic Response control of a symmetric Building using Friction Damper and shear Wall, Journal of Structural Technology (MAT), Volume 02, Issue 02, May 2017, pp 1-5.
27. Review on Particle swarm optimization, International conference on New Trends in Engineering and technology (ICNTET-IEEE), GRT College, Tiruvallur, Dist. Chennai, Tamilnadu, India. 7-8 September 2018.
28. Comparative Study on Behaviour og G+17 Storey RCC Structure with and without Zipper Frame using time history, International conference on New Trends in Engineering and technology, NIE Institute of technology, No 50 (Part), Koorgalli, hootangalli Industrial Area, Next to BELM, Mysore, Karnataka, India. ISBN: CFPIQ63-PRT/978-1-5386-7321-8, 20th & 21 September 2018. Pp 133.
29. Analysis of Normal RCC Frame and Zipper Braced frame by Push over method in Sap2000, International conference on New Trends in Engineering and technology, NIE Institute of technology, No 50 (Part), Koorgalli, hootangalli Industrial Area, Next to BELM, Mysore, Karnataka, India. ISBN: CFPIQ63-PRT/978-1-5386-7321-8, 20th & 21 September 2018. Pp 126.
30. Zipper Braced Framed Review, Engineering technology, JP Juniper Publisher, Vol. 2, Issue 2, May- 2018, pp 555583.

EXTRA CIRRICULAR ACTIVITIES

- Convener of 1 day symposium on water culture organized by P.E.S. College of Engineering & Bhartiya Jalsankriti Mangal.
- Convener of the programme on Admission in Engineering Education organized by the P.E.S. College of Engineering & Joint Director of Technical Education.
- Worked as a Member of the organizing Committee for National Seminar on “Financing, Designing, Construction and operation of Highways” (February 07, 08, 2002) organized by Government College of Engineering & All India Council for Technical Education.
- Worked as a Member of the organizing Committee for National Seminar on “Improvement, Rehabilitation and Maintenance of Roads” (August 22, 23, 2003) organized by Government College of Engineering & All India Council for Technical Education.

- Organizing Secretary of 2 days Workshop on Personality Development organized by P.E.S. College of Engineering in collaboration with Dr. Babasaheb Ambedkar Marathwada University & Maharashtra Centre for Entrepreneurship Development.
- Executed the Construction work of P.E.S. College of Engineering (New Building).
- Participated in Trekking Programme organized by Himalayan Adventures Pune "TREK THE MAHABLESHWAR" and covered a distance of 125 kms in 8 days.
- Gathering In-charge 1994 to 2004.
- Member of the Garden Committee of P.E.S. College of Engineering, Aurangabad.

PhD Scholars for Civil (Structural) Engineering

Sr.No	Name of Scholars	Name of Topic	Status
1	Mr. Deepak Nathujee Kakade	Performance of Temperature on High Strength Fibre reinforced Concrete	Completed 2018
2	Mr. Rahul Dattarao Pandit	Comparative Study of high Strength Fibre Reinforced Concrete for Various Grade (M-70, 80 & 90)	Pursuing
3	Mr. Dnyaneshwar Bhimrao Mohite	Shear Behavior of Diagonal crack width for High strength fibre reinforced concrete Deep Beam	Pursuing
4	Mr. Ashok Marutirao Bhalkar	Optimization of Technology Module Mounting Structure (MMS) of Solapur PV Power Project to Maximise Generation.	Pursuing
5	Mr. Shaikh Salim Gulab	Investigation and analysis of Bituminous road pavement failure	Pursuing
6	Mr. Sahutre Sanjay Shrikantrao	Strengthening and Retrofitting of Bridge Superstructure	Pursuing
7	Ms. Jadhav Anupriya Pramod	Use of Spider Silk Fibre in concrete to improve tensile strength and	Pursuing

AWARDS

1. BEST PRINCIPAL Award 2017 by CSI in Techfest 2017.
2. BEST PROFESSOR in CIVIL Engineering by DEWANG MEHTA National Education Awards
3. EXEMPLARY CONTRIBUTION In ACADEMIC SECTOR EXCELLECE AWARDS by International Buddhist Festival 2018.
4. Dr Babasaheb Ambedkar SHIKSHAN GAURAV PURASKAR 2019.

AREAS OF INTEREST

Structural Analysis, Design, Concrete & Construction.