



## RESUME

1. **Name** Prakash Shamrao Pajgade
2. **Designation** Professor  
Department of Civil Engineering, Prof. Ram Meghe Institute of technology and Research (PRMIT&R) Badnera, Amravati
3. **Educational Qualifications** BE Civil, ME (Earthquake Engineering), Ph.D. Civil, MBA Finance
4. **Office Address** Department of Civil Engineering, PRMIT&R Badnera Amravati (M.S) 444701
5. **Email** [ppajgade@gmail.com](mailto:ppajgade@gmail.com),  
[pspajgade@mitra.ac.in](mailto:pspajgade@mitra.ac.in)
6. **Contact** +91 97654 05343, 94228 55343
7. **Date of birth** 09/02/1963
8. **Residential Address** 34 Laxmi Narayan Nagar near Dastur Nagar, Amravati. - 444607
9. **Educational qualification details**

Sr. No.	Degree Awarded	University/ Institution	Year	Subject
1.	B. E. (CIVIL)	(VRCE) Nagpur University.	1984	Civil Engineering.
2.	M.E. (Earthquake Engineering)	University of Roorkee, Roorkee. (Now IIT ROORKEE)	1986	Structural Dynamics.
3.	Ph. D.	Amravati University, Amravati.	2003	Civil Engineering

4	MBA	Yashwantrao Chavan Maharashtra Open University, Nashik	2013	Finance
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#### 10. Titles of the Thesis:

- **Ph.D.-** “*Earthquake Resistant Planning Designing and Strengthening of Buildings*”  
Under Dr S.S Kulkarni (Prof Deptt of Applied Mechanics VNIT Nagpur) from Amravati University, Amravati.
- **M.E.-** “*Mathematical Modelling for seismic Analysis of Framed Buildings*” 1986 Under Dr Pankaj, Deptt of Earthquake Engineering University of Roorkee, Roorkee (Now IIT Roorkee)
- **B.E.-** “*Analysis and design of flat bottom water tank resting on five columns*” Under Dr S.S Kulkarni (Prof Deptt of Applied Mechanics VRCE Nagpur)

#### 11. Employment Record (Starting from present position):

Sr. No	Designation	Institution / Organization	Period	
			From	To
1	Head, Department of Civil Engineering	Prof Ram Meghe Institute of Technology and research Badnera Amravati	June 2003 July 2018	March 2013 Till Date
2	Professor	Prof Ram Meghe Institute of Technology and research Badnera Amravati	Sept 1997	Till date
3	Assistant Professor	Prof. Ram Meghe Institute of Technology and Research Badnera, Amravati	Aug 1989	Aug 1997
4	Lecturer	College of Engineering, Badnera	April 1986	July 1989

**\* Total teaching experience: Years and months (up to Jan 2022) 36years 8 months**

#### 12. Other related experience: -

Dean (Infrastructure) From Sept 2017

1. Teaching P.G. Course M.E. (Structural Engineering) at PRMIT& R, Badnera.
2. Registered Ph.D. Supervisor of S.G.B Amravati University, Amravati (M.S.) from 2005.
3. Registered Ph.D. Guide in R.S.T Nagpur University, Nagpur M.S. from 2010 to 2015

4. Worked as member of construction committee for S.G.B. Amravati University Amravati

**13. Professional Association:**

1. **Member of Board of Studies (BOS)** S G B Amravati University Amravati.
2. **Ex Secretary, ISET** Local chapter Amravati (1994 TO 1996)
3. **Ex Member of Construction Committee S.G.B. Amravati University Amravati**
4. **Ex Member of Faculty of Engg and Technology Amravati University Amravati**
5. **Chairman Vijnana Bharati Amravati**
6. **Ex-Chairman ICI Amravati Centre**
7. Treasurer Amravati Centre, Association of consulting Civil Engineers (India)

**14. Consultancy and Sponsored Research Activities:**

1. Structural Design of Amba nallah project (construction of retaining walls) of Amravati Municipal Corporation. (Total cost 3 crores)
2. Structural Design of Dental college and hospital (Total cost 1.05 crores)
3. Structural Design of various schools and college buildings of Vidarbha Youth Welfare society Amravati.
4. Rehabilitation of water tank in M.I.D.C. Amravati.
5. Performed mix design work for various agencies.
6. Madhya Pradesh Housing Board for Retrofitting of buildings damaged due to Earthquake
7. Design of retaining wall for MIDC Amravati.
8. Done various proof checking works

**15. Publications:**

International Journals	: 60
International Conference	: 22
National Journals	: 12
National Conference	: 13
<b>Total Publications</b>	<b>: 107</b>

**16. International Journals:**

1. **“Experimental Study of Artificial Sand Concrete”** (*E journal of IETE*) International Conference on Emerging Trends in Engineering & technology. Raisen Nagpur July 16-18 2008. (Mr. M.R. Chitange, Prof. P. S. Pajgade, Prof. P.B. Nagarnaik)

2. **“Seismic Retrofitting of Existing Buildings by Traditional Method”** (*E journal of IETE*) *International Conference on Emerging Trends in Engineering & technology. Raichy Nagpur, July16-18 2008.* (N.V.Raut, Prof. P.B. Nagarnaik, Prof. P. S. Pajgade)
3. **“Strength Appraisal of Artificial Sand as Fine Aggregate in Sferc”** *ARPJ Journal of Engineering and Applied Sciences Volume 5, NO 10 OCT 2010* (Mr. M.R. Chitange, Prof. P. S. Pajgade, Prof. P.B. Nagarnaik)
4. **“Response spectrum analysis of a shear frame structure by using MATLAB”** *Int Journal of Applied Sciences and engineering Research, Vol.,1 No.1,2012*  
[www.ijaser.com](http://www.ijaser.com) editorial @ijaser.com ISSN2277-944226 Feb 2012 (Pravin B. Waghmare, Dr. P. S. Pajgade, Dr.N.M.Kanhe)
5. **“Study of masonry Infilled R.C.Frame With & Without Opening”** *International Journal Of Scientific &Engineering Research ,Volume 3,Issn2229-5518,6 June 2012* (Rahul P.Rathi ,Dr. P. S. Pajgade)
6. **“Analysis and Design of steel framed buildings with and without Steel Plate Shear Walls”***International Journal Of Scientific &Engineering Research ,Volume 3,Issn2229-5518,6 June 2012*(Ms Deepika C.Hiwarale, Prof P.S.Pajgade)
7. **“Design of Steel Frame Industrial Building Compared With Reinforced Cement Concrete Industrial Building”** *International Journal Of Scientific &Engineering Research, Volume 3, Issn2229-5518 ,6 June 2012*(Ms. S.D.Ambadkar and Prof P.S.Pajgade)
8. **“Seismic Evaluation and Retrofitting of Existing Reinforced Concrete Building”** *International Journal of Scientific &Engineering Research, Volume 3, Issn2229-5518,6 June 2012* (Dinesh J. Sabu, Dr P.S. Pajgade)
9. **“Scientific and efficient use of surface water in the basin or sub basin”**  
International journal of scientific and engineering research Volume 2, issue 9 sept 2012.  
(Sanjay D. Bonkile, Prof. P. S. Pajgade)
10. **“Availability of water in Tapi basin for Maharashtra state”** International journal of mechanical and industrial engineering (IJMIE)Vol 2, issue2, 2012  
Issn no 2231-6477. (Sanjay D. Bonkile, Prof. P. S. Pajgade)

11. **“Utilisation of waste product of steel Industry”** International Journal of Engineering Research and Applications (IJERA) ISSN: 2248-9622 [www.ijera.com](http://www.ijera.com) Vol 3, issue 1, January-February 2013, pp. (Prof. P. S. Pajgade and Nisha Thakur)
12. **“Cost comparison of industrial steel building by considering different types of column sections”** Int. Journal of applied Science and Engineering Research, Vol 2, No 1, 2013 ISSN 2277-8442 Feb 20, 2013 (Ms S.D.Ambadkar & Prof. P. S. Pajgade)
13. **“Comparision of R.C.C. and composite Multi storied Buildings”** International journal of Engineering Research and Applications (IJERA) ISSN: 2248-9622 [www.ijera.com](http://www.ijera.com) Vol 3, issue 2, March – April 2013, pp 534-539 (Anish N. Shah & Prof. P. S. Pajgade)
14. **Seismic Response of Isolated Liquid Storage Tanks with Elastomeric Bearing”** Int. Journal of application on innovation in Engineering & Management (ISSN 23-19-4847), Volume 2, issue 2, feb 2013 (Pravin B. Waghmare, Dr. P. S. Pajgade, Dr. N. M. Kanhe)
15. **“Influence of masonry Infill walls on seismic performance of R C Framed Structure (A Comparision of AAC and conventional brick wall.)”** International Journal of engineering and Advanced Technology (IJEAT) ISSN-2249-8958, 30 April 2013 (Vikas P. Jadhao & Prof. P. S. Pajgade)
16. **“Torsional Behaviourof Asymmetrical Buildings”** International Journal of modern Engineering Research (IJMER) ISSN-2249-6645, March-April 2013 (Sachin G. Maske and Prof. P. S. Pajgade)
17. **“Seismic Analysis of RCC Building with and without shearwall”** Int. Journal of modern Engineering Research (IJMER) Vol 3 May-June 2013 pp 1804 -1809 ISSN-2249-6645 [www.ijmer.com](http://www.ijmer.com) (P. P. Chandurkar and Prof. P. S. Pajgade)
18. **“Consideration of Seismic Design of Multistoried Steel Structure”** International Journal of Civil Engineering Research, (S. M. Dhawade) ISSN 2278-3652 Volume 5, Number 2 (2014), pp. 177-184 (S. M. Dhawade and P. S. Pajgade)
19. **“Review Paper on Comparison of Conventional Steel Building & Pre-Engineering Building”** International Journal of Research in Advent Technology, (Sagar Wankhede) Vol. 2 No. 5, May 2014 E-ISSN: 2321-9637 (Sagar Wankhede and Prof. P. S. Pajgade)
20. **“Design & Comparison of Various Types of Industrial Buildings”** International Refereed Journal of Engineering and Science (IRJES) ISSN (OLINE) 2319-183X,

(Print)2319-1821 Volume3, Issue 6 (June 2014), PP.13-29 (Sagar Wankhede and Prof. P.S. Pajgade )

21. **“Design of Multistoried R.C.C. Buildings with and without shear walls”** International Journal of Engineering Sciences & Research Technology,3(7) July,2014, ISSN:2277-9655, pp 498-510. (Scientific Journal Impact Factor: 3.449 (ISRA), Impact factor1.852) (Aainawala and Prof. P.S. Pajgade)
22. **“Comparative Study of Water Tank Using Limit State Method and Working Stress Method”** International Journal of Research in Advent Technology, Vol.2, No.8, August 2014 E-ISSN:2321-9637 (Neeta K. Meshra and Prof. P.S. Pajgade)
23. **“Case study on seismic retrofitting of open ground storey reinforced concrete building”** International journal of Advance engineering and Research Development. (IJAERD) Volume 1, Issue 7, July 2014,e-ISSN:2348-4470,Print-ISSN-2348-6406 (Snehal Shirbhate and Prof. P.S. Pajgade )
24. **“A Study of effect of infill material on seismic performance of RC Buildings”** International Journal of Engineering Sciences & Research Technology,4(1): January,2015) ISSN:2277-9655 Scientific Journal Impact Factor: 3.449, (ISRA), Impact Factor: 2.114 (Rajashree Deshmukh and Prof. P.S. Pajgade)
25. **“Effect of partial replacement of natural sand with crushed sand along with supplementary cementing materials (Fly ash and GGBS)”**. International Journal of research in Engineering and Technology, eISSN:2319-1163:2321-7308. (Karan Verma and P.S. Pajgade)
26. **“Cost Comparison of Industrial Steel Building with Steel Plate Shear wall by Considering I- Section & Encased I – Section as Column Sections”**. International Journal of IT, Engineering and Applied Sciences Research (IJIEASR) ISSN: 2319-4413 Volumn 4, No3, March 2015 (S.D.Ambadkar and P.S.Pajgade)
27. **“Design of Multistoried Regular R.C. Building With and Without Shear walls”** International Journal of Advance Engineering and Research Development (IJAERD) Volume 2, Issue 5, May -2015 Scientific Journal of Impact Factor (SJIF): 3.134 e ISSN(O):2348-4470 p-ISSN(P):2348-6406 (Khushoo K. Soni and P S. Pajgade)
28. **“Comparison between specially shaped columns and rectangular columns in R.C. Structure”** International Journal of Advance Engineering and Research Development (IJAERD) Volume 2, Issue 5, May -2015 Scientific Journal of Impact Factor (SJIF): 3.134 e ISSN(O):2348-4470 p-ISSN(P):2348-6406 (Aditya N Gumble and P S. Pajgade)

29. **“Response of R.C. Building with shear walls and different systems of bracings”**  
International Journal of Advance Engineering and Research Development (IJAERD)  
Volume 2, Issue 5, May -2015. Scientific Journal of Impact Factor (SJIF): 3.134 e  
ISSN(O):2348-4470 p-ISSN(P):2348-6406 (Ubaid K Qureshi, Prakash S. Pajgade)
30. **“Cost Comparison of Industrial Steel Building with Steel Plate Shear Wall by Considering I-Section & Concrete Filled Section as Column Sections”**, International Journal of Engineering Research and General Science Volume 3, Issue 5, September – October ,2015 ISSN 2091-2730 Page 68 to76 (S.D. Ambadkar, P.S. Pajgade)
31. **“Torsional Behavior of Multistory Buildings with Different Structural Irregularities –A Review”** International Journal of research in Engineering, Science and Technologies (IJRESTs) Civil Engineering, Vol 1 No 8 Dec 2015, www.ijrests. Page 168 to 173 (Vipin Gupta, Dr. P.S. Pajgade)
32. **“Review on Multi-Level Car Park”** International Journal of research in Engineering, Science and Technologies (IJRESTs) Civil Engineering, Vol 1 No 8 Dec 2015, www.ijrests. Page no 154 to157 (Ms Radhika Dahane, Dr. P.S. Pajgade)
33. **“Review on RC Building with Specially Shaped Columns and RC Building with Shear wall”** International Journal of research in Engineering, Science and Technologies (IJRESTs) Civil Engineering, Vol 1 No 8 Dec 2015, Page no 150 to153, www.ijrests. Ms Shruti Agrawal, Prof P.S. Pajgade)
34. **“Seismic Retrofit Techniques for Reinforced Concrete Building Columns with Combination of FRP Sheets and Steel Jacketing”** International Journal of Modern Engineering Research (IJMER) Vol 6, Iss 6, June 2016(1), IJMER(ISSN:2249-6645) (Shagufta Anjum Ansari, Dr. P.S. Pajgade)
35. **“White Topping in Roads: Review”**,International Journal of Structural and transportation studies Volume I Issue 3 ( MAT JOURNALS2016) (Prof. Shrikant Harle (PhD), Prof. Prakash S. Pajgade)
36. **“Review on Analysis and Design of RCC Shear Walls with and Without Openings”**  
Int. Journal of Engineering Research and Application ISSN: 2248-9622, Vol.6, Issue 12, (Part-2) December2016, pp69-72 Ashwini A. Gadling, Dr P.S. Pajgade
37. **“Cracking Dynamic Response of Concrete Pavement: A Review”** Journal of Ceramics and Concrete Sciences Volume 2 Issue 1 Page 1-10 MAT Journals 2017 Prof Shrikant Harle (Ph.D), Prof Prakash S. Pajgade

38. **“Cement Grouted Macadam: A Review”** Journal of Ceramics and Concrete Sciences Volume 2 Issue 1 Page 1-8 MAT Journals 2017 Prof Shrikant Harle (Ph. D), Prof Prakash S. Pajgade
39. **“Review on Effective utilization of RCC Shear walls for Design of Soft Storey Buildings”** Int.Journal of Engineering Research and Application ISSN: 2248-9622, Vol.7, Issue 1, (Part-4) January 2017, pp15-18, Hiral D. Adhiya (M. E), Dr P.S. Pajgade
40. **“Analysis of plain Concrete pavement in ANSYS”** Journal of Construction & Building Materials Engineering Volume 3 Issue 1 Page 1-10 MAT Journals 2017 Prof Shrikant Harle (Ph. D Scholar), Prof Prakash S. Pajgade)
41. **“Modeling concrete road patch using ANSYS Software”** Journal of Recent Activities in infrastructure Science. Volume 2 Issue 1 Page 1-09 MAT Journals 2017 Prof Shrikant Harle (Ph. D. Scholar), Prof Prakash S. Pajgade
42. **“Modelling of Plain Cement Concrete Pavement Patch Using ANSYS Workbench”** American Journal of Civil Engineering ISSN: 2330-8729(Print) ISSN: 2330-8737(Online) April 11,2017. Prof Shrikant Harle (Ph. D. Scholar), Prof Prakash S. Pajgade
43. **“Use of ANSYS Workbench for modeling concrete road patch”** ManTech Publications. International Journal of Advance Civil Engineering and Technology Vol 2 Issue 1 Page 28-52 Mantech Publication 2017 Prof Shrikant Harle and Prof. Prakash Pajgade
44. **“Use of Impact Echo Test in Concrete Pavement: A Review”** International Educational Applied Scientific Research Journal Vol 1 issue 3-page 107-109 Prof Shrikant Harle (Ph. D. Scholar), Prof Prakash S. Pajgade
45. **“ANSYS Workbench: Concrete Pavement Model”** International Journal of Modern Research in Electrical and Electronic Engineering. Vol.1 No.2,53-59,2017 ISSN(E):2521-0181 Prof Shrikant Harle (Ph. D. Scholar), Prof Prakash S. Pajgade (Published on 1 June 2017)
46. **“Use of Impulse Response Instrument in Concrete Pavement: A Review”** Journal of Asian Scientific Research ISSN(e)2223-1331ISSN(p)2226-5724 Vol.7, N04,129-133 Prof Shrikant Harle (Ph. D. Scholar), Prof Prakash S. Pajgade (Published on 2 June 2017)
47. **“Critical Analysis of Consultant’s Role in Bridge Design”** International Journal of Scientific and Engineering Research, Volume 6, Issue10, Oct-2015 Er Rajendra Gadge S (Ph. D. Scholar), Prof Prakash S. Pajgade)
48. **“Designing of soft storey for RC Structure using IS- 1893(Part-I) 2016, and IS 13920-2016”.** International Research Journal of Engineering and Technology (IRJET), e-



ISSN:2395-0056, p-ISSN:2395-0072, Volumn:05 issue 05 may 2018, www.irjet.net (Miss Aadishri D Kadam and Dr P.S.Pajgade)

49. **“Analysis and Design of RC Unsymmetrical Multistorey Building Having Soft Storey”** (Published at International Engineering Journal for Research & Development Vol 4. E-ISSN No: 2349-0721 (Impact factor:6.03)). (Dr P.S. Pajgade and Mr. Mayur Mavale (Presented by Mr. Mayur Mavale at International Conference on Industry 4.0 29<sup>th</sup> Nov to 1<sup>st</sup> Dec 2019,))
50. **“A Review Paper on Torsional Behavior of Asymmetrical Buildings”**, (Published at International Engineering Journal for Research & Development Vol 4. E-ISSN No: 2349-0721), (Dr. P.S. Pajgade and Ms. Aayushee K. Gulhane) (Presented by Aayushee Gulhane at International Conference on Industry 4.0 29<sup>th</sup> Nov to 1<sup>st</sup> Dec 2019,)
- 51 **“Torsional Behavior of Multistory Buildings with Different Structural Irregularities”**. (Published at TEST Engineering & Management January-February 2020 ISSN:0193-4120 Page No.8395-8401) (presented at International Conference on Industry 4.0 29<sup>th</sup> Nov to 1<sup>st</sup> Dec 2019, (Dr P.S. Pajgade, and Mr. V.V. Gupta) (Presented by V.V. Gupta ))
- 52 **“Performance of lead-rubber base isolated building structure in high seismic prone region”** (Published at TEST Engineering & Management January-February 2020 ISSN:0193-4120 Page No.8371-8383) (International Conference on Industry 4.0 29<sup>th</sup> Nov to 1<sup>st</sup> Dec 2019, (Dr P.S. Pajgade, Mr. Om Gomase, Dr. P.B.Waghmare (presented by Mr. Om Gomase)
- 53 **“Condition Assessment of Structure and Remedial Measures- A Review”** (Published at Journal of Emerging Technologies and Innovative Research (JETIR), [www.jetir.org\(ISSN-2349-5162\)@2022](http://www.jetir.org(ISSN-2349-5162)@2022) JETIR February 2022, Volume 9, Issue 2 ( International Scholarly Open Access , Peer-reviewed, Refereed Journal page No 788 to a793) (Suyog Ramrao Dhawade , Dr Prakash Pajgade, Prof .Mayur Banarse)
- 54 **“Importance of BIM in construction Industry -A review”** Published in Journal of Emerging Technologies and Innovative Research (JETIR) ( JETIR), [www.jetir.org\(ISSN-2349-5162\)@2022](http://www.jetir.org(ISSN-2349-5162)@2022) JETIR March 2022, Volume 9, Issue 3 ( International Scholarly Open Access , Peer-reviewed, Refereed Journal page No a641 to a646)(Shubham A. Bhendkar Dr. P S. Pajgade)
- 55 **“Analysis and Design of RC buildings using latest IS codes for earthquake and wind - A review”** Published in Journal of Emerging Technologies and Innovative Research ( JETIR), [www.jetir.org\(ISSN-2349-5162\)@2022](http://www.jetir.org(ISSN-2349-5162)@2022) JETIR March 2022, Volume 9, Issue 3 (

International Scholarly Open Access , Peer-reviewed, Refereed Journal page No a652 to a656)(D. S. Gupta Dr. Prakash S. Pajgade)

- 56 **“Experimental Study on R.C. Jacketing and F.R.P. Jacking on Beam elements”**  
(Published at Journal of Emerging Technologies and Innovative Research ( JETIR),  
[@2022">www.jetir.org\(ISSN-2349-5162">@2022](http://www.jetir.org(ISSN-2349-5162) JETIR June-2022,Volume 9,Issue 6 (International  
Scholarly Open Access , Peer-reviewed, Refereed Journal pag No a614 toa630 ) (Suyog  
Ramrao Dhawade , Dr Prakash Pajgade, Prof .Mayur Banarse)
- 57 **“Condition assessment of Structures”** (Published at International Journal of Scientific  
Research in Engineering and Management) (IJSREM) (www.ijsrem.com) June-2022,  
Volume 06, Issue 6 Page no 1 to 20 (Suyog Ramrao Dhawade , Dr Prakash Pajgade, Prof  
.Mayur Banarse)
- 58 **“IMPORTANCE OF BIM IN CONSTRUCTION INDUSTRY”** (Published at  
International Journal of Scientific Research in Engineering and Management) (IJSREM)  
(www.ijsrem.com) August-2022, Volume 06, Issue 8 Page no 1 to 10 (Shubham A.  
Bhendkar , Dr Prakash Pajgade)
- 59 **“Seismic Performance of Multi Storey Building with Composite Shear Wall - A  
Review”** International Journal of Advances in Civil and Structural Engineering. Volume7,  
Issue3 Year2022 page no 165-177 Montech Publication 2022( Smita Kuralkar and Dr P.S.  
Pajgade)
- 60 **“Review on Multi-storeyed Steel Structure with Bracing systems and Shear walls”**  
International Journal of Advance Civil Engineering and Technology. Volume1, Issue1 Year  
2022 page no 1-14 Montech Publication 2022 (Prof Swapnil R. Band and Dr P.S. Pajgade)

#### 17. International Conference:

1. **Mathematical Modeling for the Seismic Analysis of Framed Buildings IX symposium on  
"Earthquake Eng.", 9<sup>th</sup> symposium on Earthquake Engg Organized by dept. of Earthquake  
Engineering & ISET, 14.12.to 16.12.90** (Pankaj and P.S.Pajgade)
2. **"Survey and evaluation of post-Earthquake Damage and Analysis for 30th Sept.-93  
Earthquake at Killari(Marathwada)".10th symposium on Earthquake Engg. Organised by  
Deptt. of E.Q. Engg. University of Roorkee & ISET at Deptt. of EQ.Engg., UOR, Roorkee,  
16-11-94 to 18-11-94** (A.P.Dange and P.S.Pajgade)

3. **"Retrofitting of Structure: Needs and solution".** *10th symposium on Earthquake Engg. Organised by Deptt. of E.Q. Engg. University of Roorkee & ISET at Deptt. of EQ.Engg., UOR, Roorkee, 16-11-94 to 18-11-94 (P.S.Pajgade and A.P.Dange)*
4. **"Use of Colcrete in Building Industry for Cost Effective & Earthquake Resistant Construction"** *Institution of Engineers (I), Roorkee Centre organised the seminar on "Civil Engineering practices in Twenty first Century". 26-2-96 to 28-2-96 (P.S. Pajgade and S.S.Kulkarni)*
5. **"Use of Colcrete for Mass Housing".** *Deptt.of Civil Engineering Jamia Millia Islamia, New Delhi.29-2-96 to 3-2-96 (P.S.Pajgade and S.S.Kulkarni)*
6. **"Rural Housing Gandhian Concept".** *Deptt.of Civil Engineering Jamia Millia Islamia, New Delhi.29-2-96 to 3-2-96(M.N. Pakade, A.P. Dange, P.S.Pajgade and S.S.Kulkarni)*
7. **"Behaviour of Manmade and Natural systems During 30th Sept.1993 Earthquake at Killari, Maharashtra, India".** *11<sup>th</sup> world Conference on Earthquake Engineering International Organized by Association of Earthquake Engg. At Acapulco, Mexico 23-6-96 to 28-6-96 (A.P.Dange and P.S.Pajgade)*
8. **"Experience Derived from Earthquake Occurred at Jabalpur on 22nd May 1997"** *11<sup>th</sup> symposium on Earthquake Engineering. Organised by Deptt.of E.Q.Engg.UOR Roorkee & ISET at Deptt.of EQ. Engg. UOR, Roorkee ,17/12/1998 to 19-12-1998 (S.S.Jawade, P.S.Pajgade, M.N.Pakade, and S.S.Kulkarni)*
9. **Repair & Retrofitting of structures Damaged Due to Earthquake at Jabalpur on 22nd May 1997".** *Organised by Deptt.of E.Q.Engg.UOR Roorkee & ISET at Deptt.of EQ.Engg. UOR, Roorkee ,17/12/1998 to 19-12-1998 (P.S.Pajgade and S.S.Kulkarni)*
10. **"Evaluation and Retrofitting of Buildings Damaged Due to Jabalpur (India) Earthquake of May 22<sup>nd</sup> 1997"** *(2438- page 1 to 8) International Association of Earthquake Engg. 12<sup>th</sup> World Conference on Earthquake Engg. 30-1-2000 to 4-2-2000 Auckland, Newzeland (P.S.Pajgade, S.S.Jawade, M.P.Gaulkar and S.S.Kulkarni)*
11. **"Experiences Derived from Bhuj Earthquake of Jan, 26, 2001".** *12<sup>th</sup> symposium on Earthquake Engineering. Organised by Deptt.of E.Q.Engg.I.I.T. Roorkee & ISET at Deptt.of EQ.Engg.UOR, Roorkee, 16-12-2002to18-12-2002 (P.B.Bokey, P.S.Pajgade, and S.S.Kulkarni)*

12. **“Repairs and Retrofitting of Structures”** 12<sup>th</sup> symposium on Earthquake Engineering. Organised by Deptt.of E.Q.Engg.I.I.T. Roorkee & ISET at Deptt.of EQ.Engg.UOR, Roorkee ,16-12-2002to18-12-2002 (P.S.Pajgade, and S.S.Kulkarni)
13. **“Lessons from Jan 26, 2001 Gujrat (India) Earthquake”**, International Association of Earthquake Engg. 13<sup>th</sup> World Conference on Earthquake Engg,at Vancouver Canada, Aug 2004. (P.B.Bokey,P.S.Pajgade)
14. **“Evaluation and Retrofitting of Structures Damaged due to Jan 26, Gujrat Earthquake”**, International Association of Earthquake Engg. 13<sup>th</sup> World Conference on Earthquake Engg,at Vancouver Canada, Aug 2004(P.S.Pajgade, and S.S.Kulkarni)
15. **“Performance Study of Steel Fibre Reinforced Artificial Sand Concrete”** 33<sup>rd</sup> Symposium of International Association for Bridge & Structural Engineering, IABSE,Bangkok,Thailand, 2009. (Mahendra R. Chitlange , Radha S. Bang and P.S.Pajgade)
16. **“Performance of 50 KI Water tank Under IS 1893 Response Spectra”** International Conference on emerging trends in engineering and technology Pune 19<sup>th</sup> Oct 2014 (Pravin B.Waghmare, Dr. P. S. Pajgade and Dr.N.M.Kanhe)
17. **“Replacement of conventional sand by artificial sand in concrete”**. International conference on Science & Technology for Sustainable Development, at VYWS’s PRMIT& R May 26,2016. (Palash Ashok Khanorkar, Pawan Madhukar Aglawe,Arjun Anil Khadse, Prakash S. Pajgade)(ug)978-1-4673-9939-5/16
18. **“Economical use of fly ash in concrete”**. International conference on Science & Technology for Sustainable Development, at VYWS’s PRMIT& R May 26,2016. (Nishant Anil Deshmukh ,Abhishek Sanjay Gulhane, Chetan V. Pakdhane, Prakash S. Pajgade) 978-1-4673-9939-5/16
19. **“An effective way to use the plasticizer for making the concrete durable and workable”** International conference on Science & Technology for Sustainable Development, at VYWS’s PRMIT& R May 26,2016 ISSN2348-8552(Shantanu S. Kolhatkar,Shrikant P. Bende, Lalit R.Shikhare, P. S. Pajgade)

20. **“Response of Different Shapes of Columns on RC Buildings With and Without Shear Walls”**. International conference on Science & Technology for Sustainable Development, at VYWS’s PRMIT&R May 26, 2016.ISSN/ 2394-3343(Shruti Agrawal , Prakash S. Pajgade)
21. **“Design of Multi-Level Car Parking”** International conference on Science & Technology for Sustainable Development, at VYWS’s PRMIT& R May 26, 2016. ISSN/ 2394-3343 (Radhika Dahane, Prakash S. Pajgade)
22. **“Urbanizational Challenges in Uttrakhand State: A Case Study”** International conference on Advances in Construction Materials and Structures (ACMS-2018) IIT Roorkee, Roorkee, Uttrakhand, India, March 7-8, 2018.( Dr P.S.Pajgade, Ms.Swati S. Nibhorkar)

#### 18. National Journals

1. **“Development at what cost?” (2004)** *Journal of Pradushan Nirmulan*, vol.1, no.4, oct 2004 page 31-35. (Dr P.S.Pajgade, Dr. N.W.Ingole )
2. **“Mathematical modelling for verification of treatment efficiency of dairy waste by water hyacinth (Eichhornia Crassipes)” (2005)** *Journal of Pradushan Nirmulan*, vol.2, no.2, Jan 2005 page 15-19. (Dr P.S. Pajgade, Dr. N.W.Ingole )
3. **“Assurance of Safe Water During an Earthquake”** *Journal of Pradushan Nirmulan*, 1(02),2004,40-47(Dr P.S. Pajgade, Dr. N.W.Ingole )
4. **“Artificial Sand as Fine aggregates for concrete”** *Civil engineering and construction review* December 2008. (Mr. M.R. Chitlange, Prof. P. S. Pajgade)
5. **“Appraisal of Artificial Sand Concrete”** *Institute of Engineers (India) Journal CV Institute of Engineers India Volume 90, February 2010* (Mr. M.R. Chitlange, Prof. P. S. Pajgade)
6. **“Art of Intra and inter basin water transfer”** *Journal of Engineering Research and studies IJERS/Vol/Issue III/July- Sept,2012* (S.D. Bonkile and Prof. P. S. Pajgade)
7. **“Effect of Artificial Sand in Steel Fibre Reinforced Concrete”** *Civil Engineering and Construction Review* April 2013(Mr. M.R. Chitlange, Prof. P. S. Pajgade)
8. **“Public Private Partnership (PPP) Projects for Social Cause with Special Reference to Road Infrastructure in the State of Maharashtra (India): A literature Review”**

Research Indian Journal of management Volume 3, No 2 April 2014-September 2014  
(M.N.Dekate, P.S.Pajgade)

9. **“Present Scenario, cost effectiveness and benefits of PPP projects in the the state of Maharashtra (India)”**, Indian Highways August 2015 ,VOL 43 Issue 8, Page no 33 to 39,<https://www.irc.gov.in> (M.N.Dekate, P.S.Pajgade)
10. **“Bituminous Vs. Cement Concrete Roads”** Indian Concrete Institute July – Sept 2016  
(M.N.Dekate, P.S.Pajgade)
11. **“User Fee Vs. Vehicular Poeration Cost”** Indian Highways May 2017, Volume:45  
Number: 5, Page no 46 to 53,ISSN 0376-2756 ,<https://www.irc.gov.in> (M.N.Dekate, P.S.Pajgade)
12. **“Advantages of Concrete Road for Generating More Finance Compared to Bitumen Road”** INDIAN HIGHWAYS SPECIAL NUMBER July 2017, Volume: 45 Number: 7,  
Page no 15 to 21, ISSN 0376-2756, <https://www.irc.gov.in> (M.N.Dekate, P.S.Pajgade)

19. **National Conference:**

1. **Low cost housing** *Seminar on "Low Cost Housing" Organized by C.O.E. & Tech., Akola. 3.1.91* (Prof. N.N. Hedao, Prof P. S. Pajgade and Prof A.P. Dange)
2. **Ferrocement Paraboloid Shell Roof** *National Workshop on Earthquake in Marathwada-An-Eye-Opener" organised by College of Engineering, Badnera. 25.2.94to26.2.94* (Subodh M. Indurkar, R.N. Atal, H.U. Sangani, Prof. P.S. Pajgade)
3. **Seismic Retrofitting (Strengthening)** *Seminar on Earthquake challenges to Engineers and Scientists" at Aurangabad Organized by I.E.(I), Aurangabad Local Centre14.5.94 to 15.5.94* (S. M. Indurkar, Prof. P.S. Pajgade, Prof . S.D. Bonkile)
4. **Low Cost Housing For Earthquake and Cyclone Prone Area** *National seminar on Low Cost Housing "ECOHOME" organised by The Institution of Engineers (I),Nagpur3.10.94 to 4.10.94* (P.S.Pajgade)
5. **"Importance of ductility Detailing for Analysis & Design of Multistoreyed Framed Structure"** *National seminar on High rise structures.Design and construction practices for middle level cities.Allahabad14.11.95 to16.11.95* (P.S.Pajgade and Dr S.S.Kulkarni)

6. **"Kolla Concrete-Exploration of a New Material"** *The Institution of Engineers (I), India, Hyderabad, Andhra Pradesh State Centre. 12th National Convention of Civil Engineers, National seminar on Rehabilitation of structures. Hyderabad 26.9.96 to 28.9.96 (Dr. C.S.Suryawanshi P.S.Pajgade and Dr S.S.Kulkarni)*
7. **"Earthquake Damages & Case Studies for 30th Sept.-93 Killari Earthquake "** *Organised by ISET chapter, Delhi. Symposium on E.Q. Effects on Structures, Plant & M/c. New Delhi 13.11.96 to 15.11.96 (M. N. Pakade, P.S.Pajgade and Dr S.S.Kulkarni)*
8. Jabalpur Earthquake - Damages and Strengthening of Buildings. *Maharashtra India Chapter of ACI "Healthy structures for the century" Mumbai 3.10.97 to 5.10.97 (P.S.Pajgade, S.S Jawade, M. N. Pakade, and Dr S.S.Kulkarni)*
9. **"Rehabilitation & Retrofitting of Masonry structures which were Damaged due to Jabalpur Earthquake"** *(Workshop "Recent Advances in Masonry Construction) Roorkee 18.9.98 to 19.9.98 (P.S.Pajgade and Dr S.S.Kulkarni)*
10. **Technical Education through S.S.Y.** *7<sup>th</sup> Annual convention of ISTE Mah. & Goa Section. Organised by SSGM COE Shegaon on "Tech. Edu; Spirituality & Humanity. Shegaon 21-12-02 to 22-12-02 (Prashant V. Ingole and P.S. Pajgade)*
11. **"Consideration of Seismic Design of Multistoried Steel Structure"** *Technellence - 2011 A National level Technical Paper presentation Contest. Sant Gadge Baba College of Engineering, Bhusawal. 5/03/2011 (Sarang Dhawade and P.S. Pajgade)*
12. **"Seismic performance of Masonry Infilled R/c Frames"** *National Level Technical Competition 'NIRMITEE' Civil Engineering student Association MEER's MIT PUNE 29<sup>th</sup> & 30<sup>th</sup> March-2011 (Ankush P. Pachgade and P.S. Pajgade)*
13. **Comparative Design of Steel Structures as per IS Code 800-1984 and IS Code 800-2007 "Cynosure"** *National Level Technical Fest Dr. Babsaheb Ambedkar Technological University Lonere Raigad 8<sup>th</sup> to 10<sup>th</sup> April-2011 (Ms. Snehal R. Wairale and Dr P.S. Pajgade)*
20. **Patent: Four patent filed**
  1. Technique to use of perforated geocells in the concrete pavements (Date of publication 11/9/2015) (Shrikant Harle, P.S. Pajgade)

2. Technique to use of corrugated polycarbonate sheets in the short paneled concrete pavements (date of publication 31/10/2015) (Shrikant Harle, P.S.Pajgade)
3. Use of stapler to join the different Cells in Cell filled concrete pavement, App no 201621018397 dated 28/05/2016 (Shrikant Harle, P.S. Pajgade)
4. Technique to use of different sizes of aggregate in cell filled concrete App no 201621018396 dated 28/05/2016 (Shrikant Harle, P.S. Pajgade)

## **21. Book Published:**

1. "Different Types of Retrofitting Techniques" Swati S. Nimbhorkar, Prakash S. Pajgade, Lap Lambert Academic Publishing 2016, ISBN:978-3-330-00643-0
2. "Earthquake Resistant Planning Designing and strengthening of building" Prakash S. Pajgade, Suresh S. Kulkarni Lap Lambert Academic Publishing 2016, ISBN:978-3-330-00776-5
3. "Study On Role Of Infill Walls In Seismic Performance Of framed building" Ankush P.Pachgade Prakash S. Pajgade , Lap Lambert Academic Publishing 2016, ISBN:978-3-330-00865-6
4. "Experimental investigation on grouted pavement" Shrikant Harle, Prakash Pajgade Lap Lambert Academic Publishing 2019 ISBN:978-620-0-30263-2

## **22. Membership of Academic Bodies and Professional Societies:**

1. FIE (I), : Life Fellow, The Institution of Engineers (India). (F016747-5)
2. MIWWA, : Life Member, Indian Water Works Association (India) (LM 2407)
3. MISWE, : Life Member, Indian Society for Wind engineering (LM 230)
4. MISTE, : Life Member, Indian Society for Technical Education. (LM 2531)
5. MISET, : Life Member of Indian Society for Earthquake Technology. (LM 334)
6. NUTA : Life Member of Nagpur University Teachers Association. (LM 4256)
7. INSDAG : Life Member of INSDAG LM(L)-086
8. ICI : Life Member of Indian Concrete Institute LM 9164
9. ISE : Life Member of Institution of Structural Engineers (CE/ISE/LM/131)
10. VB : Member of VI jnana Bharati
11. IRC : Indian road congress (LM 41065)
12. I Strut E : Indian Association of Structural Engineers F-439
13. ACCE (I) : Association of consulting civil engineers (India) LM No 6213L

## **23. Honors and Awards received:**

1. Award given by V Y W S Amravati for contribution to teaching field



**24. Number of Students guided for M. E. /Ph.D.:**

M. E. – Students 39

**25. Ph. D. Student- Ph D Awarded 7; Students working: 8**

1. Structural properties of steel fibre reinforced concrete with artificial sand. (M.R. Chitlange, Awarded Ph.D.in 2012 S.G.B. Amravati University)
2. Innovative methods for retrofitting of buildings (N.V.Raut, Awarded Ph .D.in 2013 S.G.B. Amravati University)
3. Design of medium rise building using steel frame structure compared with reinforced concrete structure. (Ms S.D. Ambadkar, Submitted July 2013, S.G.B. Amravati University Viva Voce on 7 th August Dr Narendra Deshpande Notification dated 28 Aug 2015)
4. Critical Review and Evaluation of Public Private Partnership (PPP) Projects for Social Cause with Special Reference to Infrastructure in the State of Maharashtra (India) (Mr. Dekate at Ramdeobaba College of engineering Nagpur) (Submitted in Jan 2016, Awarded 2017 Nagpur University)
5. Parametric Study of Substructure for bridges in Maharashtra (India) (Mr R.B. Gadge at Ramdeobaba College of engineering Nagpur) (submitted in Jan 2016, Defense on 5 Feb 2018, Notification 01March, 2018)
6. Comparative Performance of Elevated Isolated Liquid Storage Tank (With Framed Staging) (Mr. Waghmare at College of Engineering Gonidia. Submitted in Nov 2016).
7. Optimization of pavement for low Volume roads (Shrikant Madhav Harle Reg Jan 2015, Submission 2/04/2019)

26.

**A) List of conferences, Short-term courses etc. organized:**

Sr. No.	Institution/Organization	Course attended / Organization	Year
1.	College of Engineering Badnera	“Earthquake in Marathwada – an Eye Opener “	1994
2	College of Engineering Badnera	Short term training course on “Earthquake Resistant Design of Buildings”	31/03/2004 to 6/04/2004
3	College of Engineering Badnera	“Environment and Pollution Awareness”	10/7/2004
4	College of Engineering Badnera	Protection of Property: Emerging Scenario	25/03/2006
5	Department of Civil Engineering PRMIT & R Badnera, Amravati.	STTP Organised “Earthquake Resistance Analysis, Design & Retrofitting of Structures.”	9/06/2008 to 13/06/2008

6	Indian Concrete Institute Nagpur	Member of Organizing committee of International Conference on 'Fiber Reinforced concrete – for Global Development'	13-14feb2012
7	Member of organizing Committee	Marathi Vidhynan Parishad	5-7 Dec 2014
8	Member of Organizing committee member	All India seminar on “New Developments in use of Alternative Materials for Concrete “AMCON 2015 organised by Indian Concrete Institute Nagpur Centre	13-14 March 2015
9	IPR CELL, RPC PRMIT& R, Bandera Amravati	Expert lecture on “Introduction to Patent” by Adv. Swapnil Gawande	5 Sept 2015
10	Member of Organizing committee member	International Conference on Innovations in Concrete for Infrastructure Challenges	6-7 October 2017
11	Member of Organizing committee member	STTP at P.R. Pote Edu & wef. Trust’, Group Of Institutions, College of Engineering & Management , Amravati. “Basics of Structural & Geotechnical Dynamics”	18-23 June 2018
12	Worked as a member of Organizing committee member for International Conference on Innovations in concrete Souvenir Committee	Innovative World of Concrete ICI-IWC 2018 International Conference On “Innovations in Concrete” Venue:Nimhans Convention Centre ,Hosur Road,Lakkasandra,Bengaluru,Karnataka -560029.India	19-22 September, 2018
13	Member Secretary (Coordinator of the program 11 <sup>Th</sup> Nov to 20 <sup>th</sup> nov .2019 PRMIT&R BADNERA, AMRAVATI.	Faculty Development Program On “MORAL VALUES AND ETHICS FOR ENGINEERING TEACHERS” Organized at Art of living International Centre, Bangalore-560082(Karnataka)	Two Weeks From 11 <sup>th</sup> to 20 <sup>th</sup> Nov 2019 (Continuous Without Break”

14	Member of Organizing committee member for International Conference on “Industry 4.0, Innovation in Engineering, Technology and Management PRMIT&R BADNERA, AMRAVATI	International Conference on “Industry 4.0, Innovation in Engineering, Technology and Management	29 <sup>Th</sup> Nov to 1 Dec .2019
15	Member Secretary (Coordinator of the program) from 20 <sup>Th</sup> to 25 <sup>th</sup> July. 2020 PRMIT&R BADNERA, AMRAVATI	One-week AICTE Sponsored online STTP on “WIND AND EARTHQUAKE RESISTANT DESIGN” Phase I	20 <sup>Th</sup> to 25 <sup>th</sup> July. 2020
16	Member Secretary (Coordinator of the program) from 23 <sup>rd</sup> to 28 <sup>th</sup> Nov. 2020 PRMIT&R BADNERA, AMRAVATI	One-week AICTE Sponsored online STTP on “WIND AND EARTHQUAKE RESISTANT DESIGN” Phase II	23 <sup>rd</sup> to 28 <sup>th</sup> Nov. 2020
17	Member Secretary (Coordinator of the program) from 19 <sup>Th</sup> to 24 <sup>th</sup> Dec. 2020 PRMIT&R BADNERA, AMRAVATI	One-week AICTE Sponsored online STTP on “WIND AND EARTHQUAKE RESISTANT DESIGN” Phase III	19 <sup>Th</sup> to 24 <sup>th</sup> Dec. 2020

**B) Participation in Seminars / Workshops/STTP: Many seminar workshops & STTP Attended**

**Guest lectures delivered**

Sr.No	Course	Topic	Organizer	Date	Mode
1	Advances in Civil Engineering	Structural planning and design	P.R.Pote (Patil)College of Engineering and Management, Amravati	29 <sup>th</sup> May 2020	Online
2	Computational Intelligence in Earthquake Resistance design 03 <sup>th</sup> Aug to 8 <sup>th</sup> Aug 2020 (First Slot) PRMCEM Badnera	Lessons from past earthquakes	Prof Ram Meghe College of Engineering & Management, Badnera Department of Civil Engineering	8 <sup>th</sup> Aug2020	Online
3	Computational Intelligence in Earthquake Resistance design 28 <sup>th</sup> Sept to 3 <sup>th</sup> Oct 2020 (second Slot)	Lessons from past earthquakes	Prof. Ram Meghe College of Engineering & Management, Badnera Department of civil Engineering	Lecture delivered on 29/09/2020	Online
4	Computational Intelligence in Earthquake Resistance design 30 <sup>th</sup> Nov to 5 <sup>th</sup> Dec 2020 (third Slot)	Lessons from past earthquakes	Prof. Ram Meghe College of Engineering & Management, Badnera Department of civil Engineering	Lecture delivered on 01 <sup>st</sup> Dec 2020	Online
5	Guest lecture	Learning from failures	JK Cement Limited	22 <sup>th</sup> April, 2021	Online

6	ISTE approved STTP ON STRUCTURAL Health Monitoring & Rehabilitation of Structures	Retrofitting: case studies	P.R.Pote (Patil) College of Engineering and Management ,Amravati	13 <sup>th</sup> May, 2021	Online
7	STTP on “Current Structural Engineering Practices and New Trends Guest lecture	Failure and remedial measures	YCCE Nagpur, Department of Civil Engg	17 <sup>th</sup> June, 2021	Online
8	17 <sup>th</sup> Symposium on Earthquake Engineering. 14 <sup>th</sup> to 17 <sup>th</sup> Nov 2022	Chaired the session	Department of earthquake Engineering, IIT Roorkee	17 <sup>th</sup> Nov 2022	Roorkee

## 27. Assignment other than teaching:

### Work Assigned

- Worked as construction in charge from 26/04/1986 to 1996
- Worked for building center Amravati
- Worked as referee for Ph. D examination of many students.
- Visited as Chairman/Member of LEC Committee to many Institutes
- Worked as Committee member for selection of Executive Engineer for university on 16 Jan 2015
- Worked as subject expert for faculty Interviews in Civil Engineering at G.H. RAISONY College of Engineering and technology Amravati on 21 Jan 2015
- Worked as Subject expert /VC nominee for Interview committees at many Institutes.
- Worked as session Chair in International Conference on Industry 4.0 on 29 Nov 2019

## 28. Strength

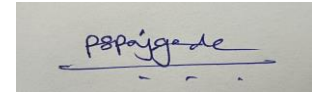
I believe that my greatest strength is the ability to solve problems quickly and efficiently. I can see any given situation from multiple perspectives, which makes me uniquely qualified to complete my work even under challenging conditions. That problem solving allows me to be a better communicator.

## 29. Details of Referees

Sr.No	Name of Referee	Post Held by referee	Email	Mobile
1	Dr.V.T.Ingole	Former Principal PRMITR Badnera. Address- Manas, 104, Ganediwal Layout Camp Amravati 444602 Maharashtra India	vtingole@gmail.com	9049844964, 9422156677
2	Mr.Sanjay Jadhao	Industrialist. Address- 1/7 Mangilal plots Opposite IMA Hall Camp Amravati	Sanjayjadhao123@red iffmail.com	8888854041, 9422916987
3	Dr.Suchita Hirde	Professor and Head Deptt of Applied Mechanics, Govt college of Engg Amravati	hirde.suchita@gmail.c om	9423125221

30. Information relating to any pending or disposed of enquires and litigations concerning the candidate -- N A

I, hereby, declare that all the statements/particulars made /furnish in this resume are true, complete and correct to the beat of my knowledge & belief



Prof. Prakash Shamrao Pajgade  
Amravati (16/01/2023)