

SRES', Sanjivani College of Engineering, Kopargaon
(An Autonomous Institute affiliated to SPPU, Pune)

Staff Profile

Personal Information			
Name of Teaching Staff: Dr. Subhash V. Patankar			
Designation: Professor			
Department : Civil engineering			
Date of joining : 01/12/1995			
E Mail ID :	patankarsubhashcivil@sanjivani.org.in		
Contact No:	8087482971		
Education Details			
Qualification	Specialization with Class or Grade	University	Year
UG	I	Nagpur	1994
PG	I	BAMU	2007
Ph.D	awarded	BAMU	2014
Total experience in years:			
Teaching:	29 years		
Industry:	1 year		
Research and Publications			
<p>[1] Subhash V. Patankar, Sanjay S. Jamkar, Yuvaraj M. Ghugal, Geopolymer Concrete-A Best Solution to Cement Concrete in Hot Climate, published by Journal of Emerging Technology and Innovative Research (<i>JETIR</i>), 2019, Vol. 10, pp.25-30.</p> <p>[2] Pratap Shinde, Subash Patankar and Atteshamuddin Sayyad, "Investigation on Effects of Fineness of Flyash and Alkaline Ratio on Mechanical Properties of Geopolymer Concrete", <i>Research on Engineering, Structures and Materials</i>, 2017(ISSN:2148-9807). Vol.4, Issue-1 (2018), pp. 61-70</p>			

- [3] S. V. Patankar, S. S. Jamkar and D. D. More, "Effect of Concentration of Alkaline Solutions on the Development of Geopolymer Mortar", *IJETMAS, Academic Science Publications*, January 2017, pp. 112-120. (ISSN: 2349-4476).
- [4] Sandeep Hake, Rajaram Damgir, Subhash Patankar, "Effect of Temperature and Curing Type on Geopolymer Concrete", *International Journal of Advance Research in Science and Engineering (IJARSE)*, Vol. 5, Issue 1, Feb.2016, pp. 451-456. (ISSN-2319-8354).
- [5] Sandeep Hake, Rajaram Damgir, Subhash Patankar, "State of Art- Investigation of Method of Curing on Geopolymer Concrete", *International Organization of Scientific Researchers*, Vol. 12, Issue 3, May-June 15, pp. 40-44. (ISSN: 2278-1684).
- [6] Patankar S. V., Ghugal Y. M. and Jamkar S. S., "Effect of Concentration of Sodium Hydroxide and Degree of Heat Curing on Fly Ash-Based Geopolymer Mortar", *Indian Journal of Materials Science, Hindawi Publishing Corporation*, Volume 2014, Article ID 938789, 6 pages. (10.1155/2014/938789).
- [7] Jamkar S. S., Ghugal Y. M. and Patankar S. V., "Effect of Fineness of Fly Ash on Flow and Compressive Strength of Geopolymer Concrete", *Indian Concrete Journal*, April,2013, Vol. 87, No.4, pp. 57-61. (ISSN: 0019-4565).
- [8] Patankar S. V., Jamkar S. S., and Ghugal Y. M., "Effect of Water-to-Geopolymer Binder Ratio on the Production of Fly ash Based Geopolymer Concrete", *International Journal of Advanced Technology in Civil Engineering*, Vol. 2, No.1, 2013, pp. 79-83. (ISSN: 2239-8958).
- [9] Atteshamuddin S. Sayyad and Subhash V. Patankar, "Effect of Stirrups Orientation on Flexural Response of RC Deep Beams", *American Journal of Civil Engineering and Architecture*, 2013, Vol. 1, No. 5, PP.107-111.(ISSN:2328-3998).
- [10] Atteshamuddin S. Sayyad and Subhash V. Patankar, "Effect of Steel Fibres and Low Calcium Fly Ash on Mechanical and Elastic Properties of Geopolymer Concrete Composites", *Indian Journal of Materials Science, Hindawi Publishing Corporation*, Vol. 2013, Article ID 357563, 8 pages.
- [11] Patankar S. V., Jamkar S. S., and Ghugal Y. M., "Effect of Sodium Hydroxide on Flow and Strength of Fly ash Based Geopolymer Mortar", *Journal of Structural Engineering*, Vol. 39, no. 1, April-May 2012, pp. 7-12. (ISSN:09700137).
- [12] Patankar S. V., Ghugal Y. M. and Jamkar S. S., "Mix Proportioning of Fly Ash based

Geopolymer Concrete”, selected from SEC-14 conference for possible publication in ICJ.

- [13] Satpute Manesh B., Wakchaure Madhukar R., Patankar Subhash V., “Effect of Duration and Temperature of Curing on Compressive Strength of Geopolymer Concrete”, *International Journal of Engineering and Innovative Technology (IJEIT)*, Vol. 1, Issue 5, May 2012, pp. 152-155. (ISSN: 2277-3754).
- [14] Patankar S. V., Jamkar S. S., and Ghugal Y. M., “Utilisation of Fly Ash in the Production of Geopolymer Concrete”, *The Indian Journal of Technical Education, ISTE*, Special issue for NCEVT’12, April 2012, pp. 15-19. (ISSN:0971-3034)
- [15] Manesh B. Satpute, Dattatraya N. Deshpande and Subhash V. Patankar, “Effect of Fineness of Fly Ash and Temperature of Heat Curing on Strength of Geopolymer Concrete”, *International Journal of Research in Engineering & Technology (InJoREST)*, Jan 2011, Special Issue 1, pp. 76-80. (ISSN 2229-5135).
- [16] Subhash Patankar and Ashok Biradar, “Effect of Fineness on Activation of Fly Ash based Geopolymer Concrete”, *International Journal of Earth Sciences and Engineering*, , Vol. 03, No. 02 - Spl issue, March 2010, pp. 242-247. (ISSN 0974-5904).

Papers presented in conferences:

- [1] Subhash V. Patankar, Sanjay S. Jamkar, Yuvaraj M. Ghugal, “Selection of suitable Quantity of Fly Ash and Water to Achieve Desired Workability and Strength of Geopolymer Concrete”, Technical Volume of 35th Indian Engineering Congress, organized by The Institution of Engineers (India), December 18-20, 2020, pp. 589-596. ISBN 978-81-950662-0-9.
- [2] Subhash V. Patankar, Sanjay S. Jamkar, Yuvaraj M. Ghugal, Experimental Investigation on Fly Ash Based Geopolymer Mortar- An Alternative Matrix for Ferroement Technology, 5th National Convention, FS2019, at Nasik, organized by Ferrocement Society of India, Pune, on 7-9 Nov.2019, pp. 21-29, ISBN: 9 788193 551561.
- [3] Subhash V. Patankar, Sanjay S. Jamkar, Yuvaraj M. Ghugal, Geopolymer Concrete-A Best Solution to Cement Concrete in Hot Climate, Proceedings of 2nd International Conference (PICET) organized by Parul University, Borodara, Gujarat, on 24-25/05/2019.

- [4] Subhash Patankar, Sanjay Jamkar and Yuvaraj M. Ghugal, "Effect of water-to-binder ratio on the development of fly ash based geopolymer concrete" *Proceedings of the International Conference on Advances in Concrete, Structural & Geotechnical Engineering, Organised by BITS Pillani, Rajasthan and published in book chapter by Bloomsbury India Pvt. Ltd., New Delhi*, 16-18 February, 2018, pp.739-743 9 (ISBN: 978-93-87471-69-6).
- [5] Subhash Patankar, Sanjay Jamkar and Yuvaraj M. Ghugal, "Go Green with Geopolymer Mortar- An Alternative to Cement Matrix in Ferrocement Applications", *Proceedings of the 4th National Convention on Ferrocement-Innovative Applications*, organized by Ferrocement Society of India, Pune, 12-14 May, 2017.
- [6] Subhash Patankar, Sanjay Jamkar and Yuvaraj M. Ghugal, "Effect of Solution-to-Fly ash Ratio in the Development of Geopolymer Mortar", *Proceedings of the International Conference on Advances in Civil and Environmental Engineering*, Organised by Late G. N. Sapkal College of Engineering, Nashik 2-3 February, 2017, pp. 163-172. (ISBN: 978-30330-04006-9)
- [7] Dnyaneshver More and Subhash Patankar, "Suitability of Bacillus pasteurii Bacteria in Cement Concrete", *Proceedings of the International Conference on Advances in Civil and Environmental Engineering*, Organised by Late G. N. Sapkal College of Engineering, Nashik 2-3 February, 2017, pp.93-102. (ISBN:978-30330-04006-9)
- [8] Patankar S. V., Jamkar S. S. and More D. D., "Effect of Concentration of Alkaline Solutions on the Development of Geopolymer Mortar", *Proceedings of 2nd International Conference on Engineering Technology, Science and Management Innovation (ICETSMI-2017)* Organised by Conference Info in Association with Academic Science at National Institute of Technical Teachers Training & Research(NITTTR), MHRD, Govt. of India, Chandigarh, 15th January 2017, pp. 112-120. (ISBN: 978-81-932712-3-0).
- [9] Sandeep Hake, Rajaram Damgir, Subhash Patankar, "Effect of Temperature and Curing Type on Geopolymer Concrete", *Proceedings of International Conference on Recent Innovations in Science, Engineering and Management*, Organised by Sri Venkateswara College of Engineering and Technology, Shrikakulam, AP, 27th Feb. 2016, pp. (ISSN: 978-81-932074-1-3) .
- [10] Patankar S. V., Jamkar S. S. and More D. D., "Suitability of Geopolymer Mortar in Ferrocement Applications", *Proceedings of 3rd National Conference on Mass Housing*

Projects, organized by Ferrocement Society of India, Pune, 27-28 Nov.2015, pp.48-60.

- [11] Patankar S. V., Ghugal Y. M. and Jamkar S. S., “Mix Design of Fly Ash Based Geopolymer concrete” Proceedings of 9th *Biennial International Conference on Structural Engineering Convention-SEC-14*, Organized by IIT, Delhi on 23-25, Dec. 2014, Abstract Sr. No. 123, PP. 123, published by Bloomsbury Publishing India Pvt. Ltd New Dehli – ISBN:978-93-84898-73-1, **(Selected as Key Note Address Paper)**, Published by Springer India 2015, V. Matsagar (ed.), *Advances in Structural Engineering*, Vol. 3, pp. 1620-1634. (DOI 10.1007/978-81-322-2187-6-123).
- [12] Patankar S. V., Jamkar S. S., and Ghugal Y. M., “Selection of Suitable Quantity of Water, Degree and Duration of Heat Curing for Geopolymer Concrete Production”, Proceedings of 3rd International Conference on Recent Trends in Engineering & Technology (ICRTET’2014), Published by ELSEVIER, 2014, pp. 1-4. (ISBN: 978-93-5107-222-5).
- [13] Patankar S. V., Jamkar S. S., and Ghugal Y. M., “Geopolymer Mortar- Alternative Matrix for Ferrocement Applications”, *Proceedings of National conference* organized by ferrocement society, Pune, 17-18, July, 2013, pp. 105-110.
- [14] Patankar S. V., Jamkar S. S., and Ghugal Y. M., “Effect of Alkaline Solution on the Production of Geopolymer Mortar”, *Proceedings of 4th National Conference organized by NCEVT-13, Parul Group of Engineering Institutes, Limda*, 10-1, May,2013, pp. 126-133. (Published by Excel India Publishers, New Delhi, ISBN:978-93-82880-32-5)
- [15] Patankar S. V., Jamkar S. S., and Ghugal Y. M., “Effect of Grading Zone of Sand on Flow and Compressive strength of Geopolymer Concrete” *Proceeding of International conference UKIERI-2013*, Organised by NIT, Jalandhar, 5-8 March,2013, pp.1163-1172. (ISNN: 978-93-82880-06-6)
- [16] Patankar S. V., Jamkar S. S., and Ghugal Y. M., “Effect of Water-to-Geopolymer Binder Ratio on the Production of Fly ash Based Geopolymer Concrete”, *Proceeding of 2nd International Conference on Recent Trends in engineering & Technology- ICRTET'2013*, Organized By: SNJB's Late Sau. K. B. Jain College of Engineering, Chandwad, 22-24, February, 2013, pp. 876-881. (ISBN: 978-81-92080-0-6)
- [17] Patankar S.V., Jamkar S. S. and Ghugal Y. M., “Effect of Solution-to-Fly ash Ratio on Flow and Compressive Strength of Geopolymer Concrete”, *Proceeding of 8th Biennial*

International Conference on Structural Engineering Convention-SEC-12, Organised by SV NIT, Surat, 19-21 December, 2012, pp.161-166. (Published by Excell India Publishers, new Delhi, ISBN: 978-93-82062-72-1).

- [18] Patankar S.V., Jamkar S. S., and Ghugal Y. M., “Utilisation of Fly Ash in the Production of Geopolymer Concrete”, *Proceedings of 3rd National conference on Green City*, G.T.U, Ahamadabad, Gujarat, 10-12 April, 2012, pp. 15-19. (ISSN:0971-3034)
- [19] Patankar S. V., Jamkar S. S., and Ghugal Y. M., “Geopolymer Concrete- A Greener Concrete”, *Proceedings of National Conference*, College of Engineering, Kopargaon (India), March 8-11, 2011, pp. 27-31. (ISBN: 978-93-81583-30-2)
- [20] Patankar S. V., Shinde B. M. and Maske B. A., “An Experimental Study of Cement Less Geopolymer Concrete”, *Proceedings of National Conference*, College of Engineering, Kopargaon (India), March 8-11, 2011, pp. 32-37. (ISBN: 978-93-81583-30-2)
- [21] Patankar S. V., Jamkar S. S., and Ghugal Y. M., “Effect of Highly Alkaline Solution in the Production of Fly ash Based Geopolymer Mortar”, *Proceedings of International Conference on Sunrise Technology, i-COST*, C.O.E., Dhule, (India), Jan. 01-03, January, 2011, pp. 1.8.1-1.8.7.
- [22] Patankar S. V., Jamkar S. S., and Ghugal Y. M., “Effect of Sodium Hydroxide on Flow and Strength of Fly ash Based Geopolymer Mortar”, *Proceedings of 7th Structural Convention (SEC-2010)*, 8-10 December 2010, Annamalai university, Annamalainagar, T. N., Vo. I, pp. 449-457. (Published by Allied Publishers Pvt. Ltd., Chennai, ISBN: 978-81-8424-647-6)
- [23] Patankar S. V., Jamkar S. S., and Ghugal Y. M., “Effect of Temperature Curing on Flow and Strength of Fly ash Based Geopolymer Mortar”, *Proceedings of International Conference on Innovative World of Structural Engineering*, Govt. C.O.E., Aurangabad, (India), Sep.17-19, 2010, Vol.-2, pp. 490-495. (ISBN: 81-7088-089-1)
- [24] Subhash V. Patankar and Sunjay S. Jamkar, “Effect of Various Parameters in Activation of Fly Ash Based Geopolymer Mortar”, *Proceedings of International Conference on Advances in Concrete and Construction, ICACC-2008*, 7-9 February, 2008, Hyderabad, India pp. 270-278.
- [25] Patankar S.V. And Jamkar S. S., “Effect of concentrations of Alkaline Element in the

Activation Of Fly Ash”, *Proceedings of Second National Conference on Materials and Structures (MAST) 14-15 Dec"2007, NIT. Warangal, pp. 1-7.*

- [26] Patankar S. V. and Jamkar S. S., “Fly Ash Concrete Activated by Alkaline Activators”, *Proceedings of 2nd National Conference on Advances in Materials and Mechanics of Concrete Structures, 12-13 August, 2005, I. I. T. Madras, Published by Allied Publishers Pvt. Ltd. New Delhi, pp. 64-70. (ISBN: 81-7764-878-0)*
- [27] Patankar S. V., “Application of Corrosion Preventive Admixture in Concrete Structures”, *Proceedings of 2nd National Conference on Advances in Materials and Mechanics of Concrete Structures, 12-13 August, 2005, I. I. T. Madras, Published by Allied Publishers Pvt. Ltd. New Delhi, pp. 242-244. (ISBN: 81-7764-878-0)*
- [28] M. Shriniwad Rao and Patankar S. V., “Fly Ash An Alternative Construction Material”, *Proceedings of Regional Conference on Recent Advances in Civil Engineering, 28 March 1998, Orhanised by Sullia, DK, pp. 18-23.*
- [29] Subhash Patankar and Ashok Biradar, “Effect of Fineness on Activation of Fly Ash based Geopolymer Concrete”, *Proceedings of International Conference on Advances in Concrete Structural and Geotechnical Engineering, ACSGE 2009, Organised by Birla Institute of Technology and Science, Pilani, Rajasthan, 25-27 October, 2009, p 104.*
- [30] Patankar S. V., Ashok H. Biradar, “Effect of Various Parameters in the Production of Geopolymer Concrete”, *Proceedings of Regional Conference, “INNOVATION 2008”, for Pune University College Teachers organized by BCUD, University of Pune in association with SRES’s College of Engineering, Kopargaon, 14-15 December 2008, p. 30.*
- [31] Patankar S. V., Ashok H. Biradar, “Effect of Fineness on the Production of Fly Ash Based Geopolymer Concrete”, *Proceedings of Regional Conference, “INNOVATION 2009”, for Pune University College Teachers organized by BCUD, University of Pune in association with Amrutvahini College of Engineering, Sangamner, 11-12 December 2009, p. 38.*

Research Profile URL

Google Scholar	https://scholar.google.com/citations?hl=en&user=6lg0Y44AAAAJ
Scopus	----
Orcid	----

Other Research Details	
Ph D Guide ?Give field & University:	Yes, Structural Engineering, SP Pune University
Ph Ds/ Projects Guided:	4
Books Published	-----
IPRs/Patents	----
Professional Memberships:	<ul style="list-style-type: none"> • Life Member of ISTE (membership No. – LM24643 - 1997) • Fellow of IEI (membership No. – F124358-2 - 2018) • Indian Society of Rock Mechanics and Tunneling Technology–ISRMTT (LM-1596– 2003) • Life Member of Ferrocement Society of Pune, India (membership No. – LM129 - 2015) • Senior Member of the IRED (Institute of Research Engineers and Doctors) Membership No. – SNM1010002890- 2015)
Interaction with professional institutions	<ol style="list-style-type: none"> 1. National Webinar series organized by Ministry of MSME, GIZ & NPC, MSME INNO, on “Green Technologies for Sustainable Energy Systems- Success Stories and Why Forward”, Expert lecture on “Efficient Utilisation of Industrial Waste as Green Materials” on Sisco Webex platform, 15 June, 2021. 2. National Webinar series organized by NPC, on “Utilisation of Fly Ash in Various Construction activities”, Expert lecture on “Full Utilisation of Fly Ash in Concrete” on Sisco Webex platform, 21 June, 2020. 3. National Webinar series through Zoom and U-Tube channel platform on “Transformation in Concrete Practices”, 11 to 13 June, 2020 organised by Sanjivani College of Engineering, kopargaon and Ferrocement

	<p>Society of India.</p> <ol style="list-style-type: none"> 4. Special lecture on Crusher Sand- Facts and Reality for Architects, Engineers and contractors at SCOE, Kopergaon sponsored by UltraTech Cement Co. Ltd, branch Shrirampur on 19/08/2018. 5. Speaker in state level two days workshop on Geopolymer- A Special concrete or next generation on 20/01/2019 at Pinpri-Chinchwad College of Engineering, Pune sponsored by SPPU, Pune, 18-20 Jan., 2019. 6. Speaker in National level two days workshop on Utilisation of Waste Materials in Construction for Sustainable Development”, organized by NDMVP COE, Nasik, sponsored by SPPU, Pune, 9-10 Feb., 2018. 7. Delivered expert lecture on “Geopolymer Concrete, organized by MSS’s, COE Jalna on 06/02/2018. 8. Taken 7 viva voce of ME student of BAMU, Aurangabad in 2018-19. 9. “Quality Education”, One Day workshop Organised by NSS, University of Pune at K. J. Somaiya College of Art, Commerce and Science, Kopergaon on 16/01/2018. 10. Delivered speech on “Quality Education”, in NSS Winter camp organized by K. J. Somaiya College of Art, Commerce and Science, Kopergaon at Jawalke, under NSS, University of Pune at on 10/12/2017. 11. Taken 12 viva voce of ME student of BAMU, Aurangabad in 2017-18. 12. Delivered special lecture on “Happy Thoughts”, in Sanjivani College of Pharmaceutical Education& Research, Kopergaon on 5th Jan., 2017. 13. Delivered special lecture on “Innovation in the World of Concrete” organized by Sanjivani KBP Polytechnic,
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	<p>Kopargaon on 21/09/2017.</p> <ol style="list-style-type: none"> 14. Resource person in One day workshop on “ Structural Audit”, at Jaihind College of Engineering, Kuran on 11th Feb., 2017. 15. Delivered special lecture on “Geopolymer Concrete-An alternative to cement concrete, organized by Shreeyash COE & Research, Aurangabad, on 07/08/2017. 16. Delivered special lecture on “How to Live Happily” in NSS Camp organized by Sanjivani Arts, Commerce & Science College, Kopargaon on 23/12/2016 at Bramhangaon. 17. Holding the position of session chair at SPPU sponcered state level conference on “ Emerging Trends in Engineering & Technology at Guru Govind Singh COE Nasik on 26th Feb. 2016. 18. Delivered special lecture on “How to Live Happily” in NSS Camp organized by Sanjivani Phormacuitical College, Kopargaon on 05/01/2017 at Bramhangaon. 19. Delivered expert lecture on “Geopolymer Concrete and Special Concrete” for the BE students at Jawaharlal Neharu Engineering College, Aurangabad on 20th Octomber,2016. 20. Delivered expert lecture in One Day Workshop on “Innovation in Concrete Technology”, Organised by Sanjivani K. B. P. Polytechnic, Sahajanandnagar, Kopargaon for TY Civil on 19th August, 2016. 21. Delivered expert lecture in One Day Workshop on “Structural Audit”, Organised by Jaihind College of Engineering, Kuran, Junner, Pune for Faculty and students on 11th February, 2017. 22. Holding the position of session chair in 4th International
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	<p>conference on “Recent Trends in Engineering and Technology at SNJB’s COE, Chandwad on 2-4 July, 2015.</p> <p>23. “Quality Education-Present Need”, One Day workshop Organised by NSS, University of Pune at K. J. Somaiya College of Art, Commerce and Science, Kopargaon on 14/03/2014.</p> <p>24. “Use of Geopolymer Mortar in Ferrocement Techniques”, Two Days workshop Organised by Maharashtra Engineering Research Institute, Nasik (MERI), Irrigation department, Govt. of Maharashtra for Superintending, Deputy, Executive and Assistant Executive Engineers of Irrigation and PWD on 20-21/11/2014 and on 27-28/11/2014.</p> <p>25. “Use of Geopolymer Mortar in Ferrocement Techniques”, Two Days workshop Organised by Maharashtra Engineering Research Institute, Nasik (MERI), Irrigation department, Govt. of Maharashtra for Superintending, Deputy, Executive and Assistant Executive Engineers of Irrigation and PWD on 27-28/11/2014.</p> <p>26. “Application of Geopolymer Mortar in Ferrocement”, One Day workshop Organised by Maharashtra Engineering Training Institute (MERI), Nasik invited for delivering lecture on on 13/01/2015 as special invitee in One Day Ferrocement Workshop for Engineers of Irrigation and PWD, Govt. of Maharashtra.</p> <p>27. Delivered expert lecture on “Geopolymer Concrete-An Innovative material in three days workshop for faculty, TRACE14 organized by Department of Civil Engineering, Vishwabharti Academi’s, College of Engineering, Ahmdnagar.</p>
Consultancy Activities	

Duration	Title of Activity	Issued Organization	Amount
2017-2021	<ol style="list-style-type: none"> 1. Structural Audit of G+2 RCC building Shree Ganesh Junior College 2. Structural Audit of administrative building of Sugar Factory at Amrutnagar, Sangamner. 3. Non Destructive Testing of RCC Columns and Beams of Besgaon Pump house and Malegaon Karyat MBR-V, Sub-Divisional Engineer, M.J.P. (U & R) Scheme, Sub-Divn., Manmad 4. Inspection of existing hooks for installation of new Chandeliers at various places in and around Shri Saibaba Samadhi Mandir, shirdi. 5. Structural Audit of existing RCC Ogee and Piers of Nilawandhe Dam. 6. Structural Audit of Third Party structural design audit of water tanks for Jivan Pradhikarn, Minor Irrigation Department. 7. Third Party structural design audit of Low cost housing project of Malegaon Mahanagarpalika. 8. Mix design for various industries (M20, M25, M30, M35, M40) like shri Saibaba Sansthan Trust, Shirdi, Central Railway for Puntamba Railway line over Bridges, Shirdi Air port, Prabhat Dairy, etc. 9. Third Party structural audit of water tank in Kopargaon and Yeola Taluka. 10. Concrete mix design for various agencies like PWD, Irrigation, Jivan Pradhikaran, Central Railway Department, Saibab Sansthan Trust, Shirdi, etc. 11. Third Party Inspection of pipes, manhole covers, precast element, etc. 12. Third Party Structural design of Low Cost housing 		25,70,331

	<p>Project for Malegaon Mahanagarpalika, Elevated and Ground Water Tank (ESR & GSR) for Jivan Pradhikaran, Minor Irrigation and Rural water supply projects, etc.</p> <p>13. Structural Audit of GSR and ESR in Nasik and Nagar District.</p> <p>14. Design of Guide wall for Nilwande Dam.</p> <p>15. Calibration of dial gauges in Testing of Material Lab and outside agencies.</p> <p>16. Third Party structural design audit of water tanks for Jivan Pradhikarn, Minor Irrigation Department.</p> <p>17. Third Party structural design audit of Low cost housing project of Malegaon Mahanagarpalika.</p> <p>18. Mix design for various industries (M20, M25, M30, M35, M40) like shri Saibaba Sansthan Trust, Shirdi, Central Railway for Puntamba Railway line over Bridges, Shirdi Air port, Prabhat Dairy, etc.</p> <p>19. Third Party structural audit of water tank in Kopargaon and Yeola Taluka.</p> <p>20. Testing of Construction Materials like Concrete, steel, cement, bricks, tiles, paver blocks, fly ash, etc.</p>		
Grants fetched			
Duration	Title	Issued Organization	Amount
2 years	“Production and applications of fly ash based geopolymer concrete”.	BCUD, University of Pune	1, 50,000/-
Awards			
<ul style="list-style-type: none">Award and Price: Winning 2nd price of Rs. 3 lakhs in National level “Fly ash Contest” competition organized by NTPC Ltd. New Delhi on 13th Feb.2019 at Raipur, MP.Award: Best Innovative Teacher Award given by Savitribai phule Pune University, Pune			

on 10th Feb.2019.

- **Award:** Outstanding Achievement Award given by institution of Engineers (India), Ahmednagar local centre, 15th Sep.2017.
- **Award:** Dr. K. Ramamurthy Award & cash price of Rs. 2,500 /- in Building Construction and Material for best paper in Green City National Conference Held at GTU, Ahamadabad.
- **Award:** Dr. J. M. Chandra Kisan Award in Structural Engineering for best research paper in Green City National Conference Held at Parul Institute of Engineering & Technology, Limda, Vadodara.

FACULTY DEVELOPMENT PROGRAMMES ATTENDED

Name of the FDP / Workshop	Organization	Duration	Month-Year
Online Elementary FDP on “Green Building & Built Environment”	IGBC, Confederation of Indian Industry, under AICTE Training and Learning (ATAL) Academy	5 days	31/05/2021 to 04/06/2021
Five Days FDP on “Consultancy in Civil Engineering: Opportunities and Challenges”	Dept. of Civil Engg., K.B.T. College of Engg., Nashik	5 days	10/05/2021 to 14/05/2021
Five Days FDP on “Journey to Research and Beyond”	Dept. of Civil Engg., D.Y. Patil School of Engineering, Lhegaon, Pune	One week	21/05/2021 to 25/05/2021
Online STP on Innovation and Upgradation in Infrastructural Technology	Dept. of Civil Engg., TEC in asso. with ASTR, Krishna Conchem Products, Rachana Enterprises & students Chapter ICACI & IEI	One week	27/05/2020 to 02/06/2020
One week National STP on “A Smart and Sustainable World in Concrete and Structures”	Dept. of Civil Engg., AISSMS, COE., PUNE, in association with UltraTech Cement Ltd., Pune	One week	04/06/2020 to 08/06/2020
Online STP on “Patenting for	Dept. of Mech. Engg., Sanjivani C.O.E.,	One week	25/05/2020 to

Innovations”	Kopargaon		29/05/2020
One week Online Faculty Development program on Open FOAM	AISSMS, COE., PUNE, in association with Spokan Tutorial Project, IIT Bombay	One week	28/04/2020 to 04/05/2020
One day Faculty Development programme in ICT Tools for Online Teaching”	Dept. of MBA, Sanjivani college of Engineering, Kopargaon	One week	26/05/2020
One Week AICTE-Quality Improvement STTP on “Recent Advances in Structural Dynamics”	Dept of Applied Mechanics, Govt., College of Engineering, Amravati, sponsored by AICTE	One week	18/02/2019 - 23/02/2019
Two Week FDP on “Present Scenario of Treatment of Waste in India: Challenges, Issues and New Techniques of Treatment”	Dept. of Civil Engg., Sanjivani COE., Kopargaon	Two week	13/11/2017 to 25/11/2017

OTHER Professional URLs	
Personal Website	---
Linked In Profile	-----
GitHub URL	-----
YouTube Channel	https://studio.youtube.com/channel/UC5ibN7DTN92JYHYMqYli5ew/videos/upload?
Other	----