

Faculty Profile

- **Faculty Name** : Arvind Vishnu Karvekar
- **Designation** : Assistant Professor
- **Department** : Civil Engineering
- **Mobile No.** : 09960440550
- **Email Id.** : avk@amgoi.edu.in

● Educational Qualification

Sl.	Degree	University	Class
1	B.E.- Civil Engineering	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	First
2	M.Tech.- Structural Engineering	Visvesvaraya Technological University, Belgaum	First

● Professional experience:-

Total experience in years:- 18

Teaching: - 15

Industrial: - 03

Research: -02

Sl.	Organization	Post	Period
1	Ashokrao Mane Group of Institutions, Vathar	Assistant Professor	26 June 2010 to Till Date
2	Tatyasaheb Kore Institute of Engineering & Technology, Warananagar	Lecturer & Assistant Professor	18 Jan. 2006 to 24 Jun 2010
3	Padmashree Dr. Vitthalrao Vikhe Patil College of Engineering, Ahmednagar	Lecturer	28 Jan. 2005 to 16 Jan. 2006
4	Kalasiddha Consultant, Islampur	Structural Engineer	1 Jan. 2002 to 31 Dec. 2004

➤ Subject Taught:-

Undergraduate Subjects			
1	Engineering Mechanics	2	Mechanics of Solids
3	Theory of Structures	4	Design of Steel Structures
5	Advanced Concrete Structures	6	Structural Design of Foundation & Retaining Structures
7	Transportation Engineering	8	Structural Mechanics
9	Design of Concrete Structures	10	Concrete Technology
Postgraduate Subjects			
1	Advanced Construction Equipment	2	Construction safety

- **Project Work at U.G.:-** Industrial Pollution Monitoring
- **Project Work at P.G.:-** Study of Effect of Replacement of Fine Aggregate by Stone Crusher Dust in Fiber Reinforced Concrete
- **Research Area of Interest:-** Concrete Technology, Geo-polymer Concrete
- **Paper Presented in National & International Conference:-**

Sl.	Title	Name of Conference & Institute	Type* (NC/IC)	Date
1	Design and Planning of Energy Efficient Building	Recent Trends in Energy Engineering and Management held at T.K.I.E.T., Warananagar (Maharashtra)	NC	2-3 March 2007
2	Effect of Global Warming on Environment	Environmental Engineering and Management held at T.K.I.E.T., Warananagar (Maharashtra)	NC	15-16 February 2007
3	Effect of Replacement of Fine Aggregate by Stone Crusher Dust in Waste Coiled Fibre Reinforced Concrete	Recent Advances in Structural Engineering 2008 held at M.I.T., Pune (Maharashtra)	NC	15-16 February 2007
4	High Performance, high Volume Fly Ash Concrete	Recent Advances in design and Construction held at K.B.N. College of Engineering, Gulbarga (Karnataka)	NC	20-21 November 2006
5	High Performance Fibre Reinforced Concrete	Recent Developments in Structural Engineering held at Manipal Institute of Technology, Manipal (Karnataka)	NC	29-30 August 2005

* NC- National Conference IC- International Conference

- **Paper Published in National & International Journal:-**

Sl.	Title	Name of Journal	Type* (NJ/IJ)	Date	ISSN No.
1	Study Of Challenges Faced By Construction Contractors, While Upgrading To Next Level	Journal Of Emerging Technologies & Innovative Research(JETIR)	IJ	June 2019	ISSN:- 2349-5162
2	An Investigation of JIT(Just In Time) Approach in Inventory Control Of Construction Industry	Journal Of Emerging Technologies & Innovative Research(JETIR),	IJ	June 2019	ISSN:- 2349-5162
3	A Study of Cement Treated Base & Sub Base in Flexible Pavement	International Research Journal of Engineering & Technology	IJ	Aug. 2019	ISSN: 2395-0056
4	Experimental Investigation of Effect of Neutralized Bauxite Waste (Neutralized Red Mud) on Concrete	International Research Journal of Engineering & Technology	IJ	Dec. 2018	ISSN: 2395-0056

5	Performance Evaluation of Hybrid Fibre Reinforced concrete Subjected to Freezing and Thawing Effect	International Journal of Research in Engineering and Technology	IJ	Nov. 2014	ISSN 2319-1963
6	Effect of Admixtures on the Strength Properties of Silica Fume Concrete Produced with Hybrid Fibres	Multidisciplinary Research and Advances in Engineering	IJ	April 2011	ISSN 0975-7074

* NJ- National Journal

IJ- International Journal

➤ **No. of Project Guided at U.G. Level:-** 18

➤ **No. of Project Guided at P.G. Level:-** 06

➤ **STTP/FDP/Workshops/Attended/Participated:-**

Sl.	Name of STTP/FDP/workshop	Institute	Date
1	Optimization Techniques and Awareness on Research	A.M.G.O.I, Vathar tarf Vadgaon	30 Dec. 2019-3 rd Jan. 2020
2	Neuro Linguistic Programming (NLP) for Teachers	A.M.G.O.I, Vathar tarf Vadgaon	24 Mar. 2018
3	Recent Advances of Project Management Softwares	P. Dr.V.V.P.College of Engineering, Ahmednagar	23-24 Feb. 2018
4	Structural Audit and Retrofitting of Civil Structures	A.D.C.E.T, Ashta	27-31 Jan. 2018
5	Design of Experiments for Engineers and Researchers	V.N.I.T, Nagpur	10-14 Dec. 2018
6	Optimization Techniques for Engineering applications	A.M.G.O.I, Vathar tarf Vadgaon	24-25 Nov. 2017
7	Teachers Training on Student Induction Programmes	AICTE,Mumbai at VIIT, Pune	17July-2017-21 July-2017
8	"How to Write a Book and Access of E-Resources"	Under Lead College Scheme of Shivaji University , Kolhapur	16 Feb-2017
9	"On Site Applications of Total Station for Civil Engineering Field Surveying"	Under Lead College Scheme of Shivaji University , Kolhapur	23Jan-2017 24Jan-2017
10	"E-Tabs Software"	Unde Lead Coe. Scheme of Shivaji University , Kolhapur	29-Dec -2016 to 02- Jan-2017
11	Structural Design &AnalysisUsing STAAD PRO under(Lead College Scheme)	R.I.T., Sakharale	22 Aug. 2016
12	Teaching Methodology(Revised Syllabus of Final Year Civil Engineering)	KIT'S College of Engineering Kolhapur	4 Aug. 2016
13	Teaching Learning process of Technical Institutes	AMP, Vathar	18 – 20 Feb. 2016

14	Education in Universal Human Values	RIT, Sakahrle	21-Jan-16 to 22-Jan-16
15	Syllabus Revision of B.E. Civil Engineering	KIT'S College of Engineering Kolhapur	1-Apr-15
16	3 d Modelling	R.I.T., Sakhrle	3 to 5 Nov. 2014
17	Role of Teacher in Knowledge Management	AMGOI, Vathar	2 feb. 2014
18	Syllabus Finalization of S.E. Civil Engineering(Part I&II)	RIT, Sakahrle	8-Jan-14
19	43 rd ISTE National Annual Convention	T.K.I.E.T., Warananagar	19-21 Dec.2013
20	Project Planning & Scheduling Using PRIMAVERA	AMGOI	5-Aug-13
21	Basics of Structural Dynamics and Seismic Design	A.D.C.E.T., Ashta	10-22 June 2013
22	"Recent Trends in Non Conventional Energy Sources"	Ashokrao Mane Polytechnic, Vathar	21-23 Jan. 2013
23	"Optimization Techniques and its Applications to Engineering"	Govt. Engg. College, Karad	17-21 Dec. 2012
24	New Trends in Curriculum Development	R.I.T., Sakharale	10 Aug. 2012
25	Latex	A.M.G.O.I, Vathar tarf Vadgaon	14 July 2012
26	Modern Practices of Teaching Learning process & Pedagogy	A.M.G.O.I, Vathar tarf Vadgaon	7 Jan. 2012
27	Research Methodology & Techniques	A.M.G.O.I, Vathar tarf Vadgaon	26 Mar. 2011
28	Research Methodology	D.K.T.E., Ichalkaranji	30-31 Oct. 2010
29	Modeling, Simulation and Optimization Techniques using Witness	T.K.I.E.T.,Warananagar	20-21 Nov. 2009
30	"Advanced Design of Steel Structure Using(Revised) IS:800-2007	S.V.N.I.T. Surat (Gujarat)	3-7 Aug. 2009
31	IS 800-2007, Indian Standard, General Construction in Steel-Code of Practice	Bureau of Indian Standards and Institute for Steel development and Growth, Kolkata.	17-18 Nov.2008
32	Teaching Methodology for basic civil Engineering	JJM, COE, Jaysingpur	4-Jan-2008
33	Revision of Syllabus in Structural Engineering Subject	T.K.I.E.T, Warananagr	13-Aug-2007
34	Green Building Design (Maharashtra) on	Giants Group, Islampur	15 Sept. 2006
35	Stadd Pro	Civil Engineering Software Acadamy, Pune/ T.K.I.E.T., Warnanagar	14-21 Aug. 2006

36	Probabilistic Seismic Hazard Assessment and Structural Design	Indian Institute of Technology, Guwahati.	5-9 Feb. 2006
37	Applications of Remote Sensing in Civil Engineering	P. Dr.V.V.P.College of Engineering, Ahmednagar	15-16 Feb. 2005

➤ **Programs Organized:-**

Sl.	Name of Program	Institute	Date
1	Research Methodology	AMGOI, Vathar	30 Nov. 2017
2	Overall Personality Development Programme- 1 day workshop	AMGOI Vathar	18-Feb-15
3	Time Auditing- 1 day workshop	A.M.G.O.I, Vathar tarf Vadgaon	17 Feb 2015
4	Advanced Design of Steel Structure Using (Revised) IS:800-2007	T.K.I.E.T., Warananagar	2 Day
5	ISTE State Level Convention & Eureka and Jidnyasa 2K10	T.K.I.E.T., Warananagar	19 – 21 Dec 2013
6	Gyan 10 a University Level Quiz Competition	T.K.I.E.T., Warananagar	2010
7	Gyan 09 a University Level Quiz Competition	T.K.I.E.T., Warananagar	2009

- **Departmental Responsibilities:-** NBA Criteria Coordinator for Criteria-1
- **Other Experience/Responsibilities If Any :-** Annual Social Function Coordinator
- **Social Contribution If Any:-** Donated Blood
- **Professional Membership If Any:-**
 1. Life member of ISTE (LM-44918)
 2. Life member of Association of Structural Rehabilitation (ASTR-A00157)
 3. Life member of Institutions of Engineers, India (M-1630835)