


<b>Dr. Kadbhane Sharad Jagannath</b>  MVPS's KBT College of Engineering, Udoji Marath Boarding Campus, Gangapur Road, Nashik. Maharashtra -422013		
<b>Research and Teaching Interest:</b> In areas of Civil Engineering such as Geotechnical and Foundation Engineering, Construction technics and material Surveying and Remote Sensing, Construction technics and material, Hydrology and Irrigation, Climate change studies, Crop modelling with respect to sustainable irrigation.		
<b>Scopus ID : 57193865745</b>	<b>Google Scholar : H Index : 02</b>	
<b>ORCID: No:</b> <a href="https://orcid.org/0000-0002-8285-7483">https://orcid.org/0000-0002-8285-7483</a>	<b>Research Gate: 50</b>	
<b>Journals : 08</b>	<b>Conferences:10</b>	
<b>Personal information:</b>		
<b>Date of birth</b>	09/02/1982	
<b>Present address:</b>	At. Sonewadi, Post. Ozar(Mig) Tal : Niphad, Dist. Nashik, Maharashtra-422 207	
<b>Email:</b>	<a href="mailto:sharad_kadbhane@rediffmail.com">sharad_kadbhane@rediffmail.com</a> , <a href="mailto:sjk.civil@gmail.com">sjk.civil@gmail.com</a>	
<b>Mobile Number:</b>	9657114142, 9422926760 (WhatsApp)	

### Education Qualification:

Qualification	Institution	Board/University	Year of Passing	%	Class
Ph.D. Civil	Sardar Vallabhbhai National institute of Technology, Surat (Gujarat)	Govt. of India Autonomous Institute	July 2018	Awarded	Awarded
M.Tech. (Soil Mech.& Foundation Engg.)	Sardar Vallabhbhai National institute of Technology, Surat (Gujarat)	Govt. of India Autonomous Institute	June, 2012	8.56 CGPA	First Class With Distinction

B.E. Civil	K. K. Wagh I. E. E. & R, Nashik	Pune University	June 2009	67.67%	First Class With Distinction
Diploma in Civil Engineering	Govt. Polytechnic, Nashik,	An Autonomous Institute of Technical Education Maharashtra State	May 2002	74.05%	First Class With Distinction

**Patent Filed : 02**

**Grants and Projects undertaken:**

1. Smart campus project ( smart road using advance surveying equipment's and software's , AY 2019-20, Amount: 1,60,000)
2. Smart campus project ( Solid waste management using vermin culture AY 2020-21, Amount : 45,000)
3. Applied for NABARD on topic Sustainable irrigation though canal water store in pond and use it using advanced irrigation systems.

**Consultancy project undertaken**

Sr. No.	Date	Description	Name of party	Amount
1.	10 /10/2006	Curve setting work	PWD, Nashik	6,00,000/
2.	16/05/2007	Topographic survey	Baphane Pvt. Ltd.	60,000/-
3.	05/12/2009	Curve setting work	PWD, Nashik	3,00,000/
4.	15/2/2013	Area Measurement work	Choudhary land Developers Pvt.Ltd., Pimpalgaon , Nashik.	2,000/-
5.	07/03/2013	Area Measurement work	Principal, NDMVPs KBT College of Engineering, Gangapur Road, Nashik.	10,000/-
6.	28/06/2013	Building setting out work	Grape city construction Pvt. Ltd., Gangapur road, Nashik	4,000/-
7.	25/07/2013	Profile levelling of Compound Wall	Principal, KTHM Arts commerce and Science College, Gangapur Road, Nashik.	10,000/-

8.	26/11/2013	Topographical and Area (65 acre) Measurement work, at Kokangaon.	Principal, Karmavir Dulaji Nana Agriculture college Gangapur Road Nashik.	65,000/-
9.	25/5/2015	Building setting out work	Creative Build-con Pvt. Ltd., Gangapur Road, Nashik	4,000/-
10.	20/11/2015	Area Measurement work	Principal, Abhinav Balvikas School, Ozar (mig), Tal. Niphad, Dist. Nashik	20,000/-
11.	05/11/2016	Profile levelling of Compound Wall	Principal, NDMVPs KBT College of Engineering, Gangapur Road, Nashik.	2,000/-
12.	25/02/2018	Area Measurement work	Mr. Gaikwad, Farmer of Dindori	5000/-
13.	31/10/2018	Topographic survey 22 acre	Principal, Karmavir Dulaji Nana Agriculture college Gangapur Road Nashik.	35,000/-
14.	19/12/2018	Levelling of Play Ground	Principal, Arts Commerce and Science college Dindori	10,000/-
15.	15/01/2019	Hydraulic design of pond	Ar. Amrutatai Pawar, Gangapur Road Nashik	25000/-
16.	20/02/2019	Building Demarcation	Udoji academy, Sanjay Mogal, Nashik	10,000/-
17.	26/02/2019	Topographic survey of KTHM Boat Club retaining wall of 1 km	Principal, KTHM Arts commerce and Science College, Gangapur Road, Nashik.	30,000/-
18.	05/05/2019	Topographic survey 2 acre	Dr. Vasantao Pawar Medical Collge Hospital and Research centre	5,000/-
19.	05/07/2019	Topographic survey 5 acre	Uday Sangale, Datta Shelar, Sinner	14,660/-
20.	20/07/2019	Building Audit and third party checking	MVPS's Sunrise Academy Vadaner, Horizon Academy CIDCO, Abhinav Balvikas School, Sinner	---

21	07/10/2019	Levelling work of Udoji School	Udoji academy, Sanjay Mogal, Nashik	1000/-
22	08/11/2019	Topographic survey 2 acre	Dr. Vasantao Pawar Medical Collge Hospital and Research centre	5,000/-
23	20/02/2019	Building Demarcation	Karmavir Dulaji Nana Agriculture college, Chachadgaon	35,000/-
24.	15/11/2020	Verticality of sugar factory chimney	Kolpewadi sugar factory, Kopergaon	15000/-
25.	28/10/2020	Construction of Basketball ground	New Marath Highschool, Nashik	7,50,000/
26.	16/12/2021	Construction of Basketball and skating Ground	Marath Highschool, Nashik	1,30,000/
27.	16/12/2021	Construction of Basketball ground	GMD College Sinner	80,000/-
28.	21/01/2022	Construction of paver block Road	College of Architecture and centre for design	2,05,059

### Summary of Experience:

1. Working as Associate Prof. in MVPS's KBT COE Nashik (M.S.) : 01 July 2020 -till date
2. Working as Assistant Professor in MVPS's KBT COE Nashik (M.S.) : 09 Years
3. Worked as Lecturer in G.N. Sapkal C.O.E. Nashik (M.S.) : 1 Year
4. Worked as a Lecturer in K.K. Wagh Poly., Nashik(M.S.) : 1 Year

### Professional Experience:

1. Worked as Technical Assistant in K.K. Wagh IEE&R Nashik (M.S.) : 3 years 6 months
2. Worked as a Site Engineer at Pagar Construction Pvt. Ltd. Nashik : 1 Year 6 months

### Reviewer of International Journals

1. Agricultural Water Management, Elsevier
2. Water and Land Development, Degoure Publication

**Courses Undertaken:**

<b>Sr No</b>	<b>Topic</b>	<b>Duration</b>	<b>Date</b>
1	Developing Soft Skill and Personality by IIT Kanpur	8 Week	August – October 2018
2	Accreditation and Outcome based Learning	8 Week	August – October 2019
3	NBA Accreditation and Teaching Learning in Engineering (NATE)	12 Week	Jan-April 2020

**Teaching Experience (Subject Thought) :**

1. F.E. : Basic Civil Engineering, Engineering Mechanics, Environmental studies-1, Environmental studies- 2
2. S.E.: Geotechnical Engineering, Surveying, Building Material and Technology, Strength of Materials, Architectural Planning.
3. T.E.: Foundation Engineering, Hydrology and Water resources, Advanced surveying
4. B.E. : Dams & and Hydraulics, Quantity surveying and costing
5. M.E. Research methodology, Structural dynamics, Construction Technics and machineries.

**Membership in Professional Organizations:**

1. Associate Members of The Institution of Engineers (India) (IEI) (AM 183665-2)
2. Life Member of Association of Agro-meteorologists India (LM-1169)
3. ISTE : Life Member of Indian Society for Technical Education (LM 132833)
4. ACCE: Life Member of Association of Consulting Civil Engineer (5510L)

**Computer Skills:**

1. Proficiency in Auto Cad Software, Auto Civil Software, SAP-2000 Software, PLAXIS-3D Software.
2. Worked with hand held G.P.S.
3. Worked with Total Station (Pentax & Nikon), Surveying works for PWD & private civil engineering companies such as building setting, Area Measurement, plot boundaries demarcation, Contouring and levelling, curve setting in mountain areas etc.

**Seminars /Workshops/Conference/Camps organized:**

<b>Sr. No</b>	<b>Topic</b>	<b>Venue</b>	<b>Date</b>
1.	Modern technics in surface and subsurface surveying	NDMVPSs KBT COE Nashik	28 May 01 June 2018
2.	Training on AutoCAD (2D & 3D) Software	NDMVPSs KBT COE Nashik	8-14 June 2018
3.	Training on QGIS Software	NDMVPSs KBT COE Nashik	21-25 December 2018
4.	One day training Programme on GRAM++ GIS software	NDMVPSs KBT COE Nashik	02 February 2019
5.	Training on AutoCAD (2D & 3D) Software	NDMVPSs KBT COE Nashik	8-14 June 2018
6.	Training on QGIS Software	NDMVPSs KBT COE Nashik	25-28 January 2020
7.	Training on AutoCAD (2D & 3D) Software	NDMVPSs KBT COE Nashik	19-30 May 2020
8.	Online FDP on consultancy in civil engineering : Opportunities and challenges	MVPSs KBT COE Nashik	10-14 May 2021
9.	Online workshop on research, development and innovation ethics.	MVPSs KBT COE Nashik	17-19 May 2021

**Faculty development programs (STTP/workshops/QIP) attended:**

<b>Sr. No</b>	<b>Topic</b>	<b>Venue</b>	<b>Date</b>
1.	Two Days National Workshop on “Impact of Climate Change River Basin Management” ICCORIBAM-2013	Govt. College of Engineering Aurangabad, Maharashtra.	16-17 Aug. 2013
2.	QIP Short Term Course “Soft Computing Techniques in Hydrologic Time Series Modelling”	IIT Bombay, Maharashtra.	11-15 Nov.2013
3.	HYDRO-2013 International conference on Hydraulics, water resources, costal & Environmental Engineering at	IIT Chennai, Madras.	4-6 Dec. 2013

4.	Workshop on Research Methodology	Matoshri College of Engg, Nashik, Maharashtra.	18-27 June 2013
5.	International Symposium on Integrated Water Resources Management	CWRM, Kozikode, Kerala.	19-21, February 2014
6.	QIP Short Term Course “ Statistical Hydrologic Time Series Modelling”	IIT Bombay, Maharashtra.	30 June-04 July 2014
7.	HYDRO-2014 International conference on Hydraulics, water resources, costal & Environmental Engineering at	MNIT , Bhopal, Madhya Pradesh	18-20 Dec. 2014
8.	HYDRO-2015 International conference on Hydraulics, water resources, costal & Environmental Engineering	IIT Roorkee, Uttarakhand.	17-19 Dec 2015
9.	Two Week ISTE STTP on “Introduction to Structural Engineering”	IIT Kharagpur	30 <sup>th</sup> Dec.15 to 9 <sup>th</sup> Jan.16
10.	National Conference “Entrepreneurship Development- A Road Map to Make in India”	NDMVP KBT College of Engineering, Nashik, Maharashtra.	19 <sup>th</sup> -20 <sup>th</sup> Feb.2016
11.	National Conference on Water Resources and Flood Management -2016	SVNIT Surat, Gujarat.	14-15 Oct. 2016
12.	HYDRO-2016 International conference on Hydraulics, water resources, costal & Environmental Engineering	CPWRD Pune, Maharashtra.	8-10 Dec. 2016
13.	HYDRO-2017 International conference on Hydraulics, water resources, costal & Environmental Engineering	LD College of Engineering, Ahmadabad	21-13 Dec. 2017
14.	Utilization of Waste Materials in Construction for Sustainable Development	NDMVPSs KBT COE Nashik	09-10 February 2018
15.	Free and Open Source Geospatial Technologies (FOSS4G) for Natural Resources Management	Indian Institute of Science, (IISc) Bangalore	09-13 April 2018
16.	Role of NSS Engineer in Ruler Development	VIIT Pune	09-15 July 2018

17.	Modern technics in surface and subsurface surveying	NDMVPSs KBT COE Nashik	28 May 01 June 2018
18.	Training on Remote Sensing and GIS with QGIS hands on.	Albedo Foundation Nashik	3-8 December 2018
19.	Renewable Energy and its use in Daily Life	NDMVPSs KBT COE Nashik	16 February 2019
20.	Universal Human Values	NDMVPSs KBT COE Nashik	09-11 August 2019
21.	Inculcating Universal Human Values in Technical Education	AICTE, Online workshop	28 September – 2 October, 2020
22.	Inculcating Universal Human Values in Technical Education	AICTE Online workshop	26-30 October 2020
23.	Part 1 of the online UHV Refresher 1 FDP	AICTE Online workshop	23-27 November 2020
24.	Workshop for Drafting of TE Civil 2019 Pattern Syllabus,	Board of Studies, Civil Engg, SPPU, Pune	3-5 May 2021
25.	ATALFDP on "Secrets of Human Bio-energy fields & Subconscious mind" from 2021-7-12 to 2021-7-16	at Sona College of Technology.	12-16 December 2021
26.	Three Days Workshop on "IMPLEMENTATION AND EXECUTION OF THIRD YEAR CIVIL ENGINEERING 2019 PATTERN SYLLABUS"	Anantrao Pawar College of Engineering & Research, Pune	13th Jan 2022 to 15th Jan 2022
27.	Short Term Training Programme on "Advances in Geotechnical Earthquake Engineering" conducted by	IGS Chapter and Marathwada Institute of Technology, Aurangabad, during	25th - 29th October 2021.



**NPTEL Courses Attended:**

<b>Sr. No</b>	<b>Topic</b>	<b>Duration</b>	<b>Date</b>
1.	Developing Soft Skill and Personality by IIT Kanpur (Elite)	8 Week	August – October 2018
2.	Accreditation and Outcome based Learning (Elite)	8 Week	August – October 2019
3.	NBA Accreditation and Teaching - Learning in Engineering (NATE) (Elite)	12 Week	Jan-April 2020

**Journal Publication list:**

<b>Sr. no.</b>	<b>Name</b>	<b>Title of paper</b>	<b>National/International Conference</b>	<b>status</b>
1.	S.J.Kadbhane <sup>1</sup> , Dr.V.L. Manekar <sup>2</sup>	Experimental study of six surface and subsurface irrigation methods with respect to soil moisture on grape yard	SCI Journal of water and land development 31 (X–XII): 73– 85, Polish Academy of Sciences, Institute of Technology and Life Sciences (ITP) in Falenty,	December 2016, DOI: 10.1515/jwld-2017-0005
2.	S.J.Kadbhane <sup>1</sup> , Dr.V.L. Manekar <sup>2</sup>	An experimental study on the grape orchard: comparison of two irrigation systems	Journal of water and land development 32 (I–III) 41-51, March 2017	Published March 2017 DOI: 10.1515/jwld-2017
3.	S.J.Kadbhane <sup>1</sup> , Dr.V.L. Manekar <sup>2</sup>	Development of the agro climatic grape yield model for the Nashik district, India	Journal of Agrometeorology, 19(1), 88-90.	0005. Published March 2017
4.	S.J.Kadbhane <sup>1</sup> , Dr.V.L. Manekar <sup>2</sup>	Study Of Climate Change Impact On Reservoir Storage Capacity Using Hydrograph- A Case Study Of Gangapur Dam, Nashik District, India	International Journal of Scientific Engineering & Technology ISSN:2277-1581; volume-3 pp.111-114	Published December 2016,

5.	S.J.Kadbhane <sup>1</sup> , Dr.V.L. Manekar <sup>2</sup>	Development of the agro climatic grape yield model for the Nashik Region, Maharashtra, India	Journal of Agrometeorology, 22(04), 494-500.	Published December 2020
6.	S.J.Kadbhane <sup>1</sup> , Dr.V.L. Manekar <sup>2</sup>	Grape production assessment using surface and subsurface drip irrigation methods	Journal of water and land development (Accepted)	(Accepted ) March 2021
7.	S.J.Kadbhane <sup>1</sup> , Dr.V.L. Manekar <sup>2</sup>	Development of the agro climatic grape yield model with future prospective	Italian Journal of Agrometeorology, (1): 89-103. doi: 10.36253/ijam-406	09 August 2021
8.	Mr. M. D. Pawar, Mr. V.V. Nikam Dr. S.J. Kadbhane	Ward Based Information System Using GIS For Smart City Development: A Case Study On Nashik City	International Journal of Research and Analytical Reviews (IJRAR) 7 (04), 240- 248	November 2020
9.	P. D. Nemade, K. T. Patil , S. J. Kadbhane, M. B. Patil, Y. H. Tambe	Removal of hardness from drinking water by electrocoagulation using iron electrodes	International Journal of Emerging Trends in Engineering Research 9(11), 1413-1417 <a href="https://doi.org/10.30534/ijeter/2021/089112021">https://doi.org/10.30534/ijeter/2021/089112021</a>	November 2021
10.	Dr. S.J. Kadbhane	Treatment of Arsenic Contaminated Water by Electrocoagulation Using Punched Iron Electrode	International Research Journal of Engineering and Technology (IRJET) 08, 1335-1341	August 2021

#### Conference Papers and Posters:

Sr. no	Name	Title of paper	National/International Conference	status
1.	S.J. Kadbhane <sup>1</sup> Dr.V.L.Manekar <sup>2</sup>	Agro-Hydrological Evaluation of Farm Pond for Supplemental Irrigation in Nashik District, India	HYDRO-2013 International conference on Hydraulics, water resources, costal & Environmental Engineering at IIT Madras. ISBN: 978-93-80689-18-0 PP.1370-1379	4-6 Dec. 2013

2.	S.J. Kadbhane <sup>1</sup> Dr.V.L. Manekar <sup>2</sup>	Assessment of On-Farm Optimized Irrigation Techniques for Drought Management, in Nashik District, India.	International Symposium on Integrated Water Resources Management at CWRM, Kerala. ISBN: 978-81-8424-907-1 PP.916-925	19-21, February 2014
3.	S.J. Kadbhane <sup>1</sup> K.S. Bhalerao. <sup>2</sup>	Assessment of water supply and sanitation by using artificial ponds in Nashik district, India	International Symposium on Integrated Water Resources Management at CWRM, Kerala. ISBN: 978-81-8424-907-1 PP.1052-1058	19-21, February
4.	S.J. Kadbhane <sup>1</sup> K.S. Bhalerao. <sup>2</sup>	Assessment of water supply and sanitation by using artificial ponds in Nashik district, India	International Symposium on Integrated Water Resources Management at CWRM, Kerala. ISBN: 978-81-8424-907-1 PP.1052-1058	19-21, February 2014
5.	S.J.Kadbhane <sup>1</sup> , Dr.V.L. Manekar <sup>2</sup>	Evaluation of water requirement of grape crop using CROPWAT model in Nashik district, India	HYDRO-2015 International conference on Hydraulics, water resources, costal & Environmental Engineering at IIT Roorkee. ISBN: 978-0-620-68194-0 PP.585-591	17-19 Dec 2015
6.	S.J.Kadbhane <sup>1</sup> , Dr.V.L. Manekar <sup>2</sup>	Study of drought impact on grape yield in Waghad command area, Nashik	National Conference on Water Resources and Flood Management with special reference to Flood Modelling WRFM – 2016 at SVNIT Surat ISBN: 978-81-931162-4-1 PP.WRH-34-1-8	14 – 15, October 2016

7.	S.J.Kadbhane <sup>1</sup> , Dr.V.L. Manekar <sup>2</sup>	Assessment of drought impact on grape crop and mitigation through modern irrigation technics in the Nashik district, India	HYDRO-2016 International conference on Hydraulics, water resources, costal & Environmental Engineering at CWPRS Pune.	08-10 Dec 2016
8.	S.J.Kadbhane <sup>1</sup> , Dr.V.L. Manekar <sup>2</sup>	Analysis of climate change using SDSM tool for Nashik district, India.	HYDRO-2017 International conference on Hydraulics, water resources, costal & Environmental Engineering at LD College of Engineering, Ahmadabad	21-13 Dec. 2017
9.	S.J.Kadbhane <sup>1</sup> , Janavi Gunjal, Nutan Mahale	Application of GIS and GPS for New Buissness Development : A Case Study on Nashik City	National conference at MVPSs KBT COE Nashik	22-23 February 2019
10.	S.J.Kadbhane <sup>1</sup> , Dr.V.L. Manekar <sup>2</sup>	Analysis of Variation in Climate of Maharashtra Since Year 1901	HYDRO-2019 International conference on Hydraulics, water resources, costal & Environmental Engineering at Osmania University, Hyderabad, India	18-20 Dec. 2019

### Patents

Sr. No.	Title of Invention	Applicati on No.	Date of filing	Name of the inventor(s)	Stat us
1	Daily changes in oxygen saturation and pulse rate associate with particulate air pollution and barometric pressure using AI-based programming (Patent)	2021102877	27 May2021	Dr. P. D. Nemade, Dr. S. J. Kadbhane, Dr. K.T. Patil	Filed
2	Method and system to curtail the parameters of distillery spent wash (Patent)	2021104114	13 July 2021	Dr. P. D. Nemade, Dr. S.J. Kadbhane, Dr. K. T. Patil, Dr. P. N. Balve, Mrs.M. C. Aher	Filed

**Curricular/Co-curricular/Extra-curricular activities (Such as Lecture Delivered)**

<b>Sr. No</b>	<b>Topic</b>	<b>Venue</b>	<b>Date</b>
1.	Watershed Planning and Management	Arts Science and Commerce College Ozar (mig)	24 Dec.2018
2.	Quantities of Students	NDMVPS's KBT COE Nashik	13 August 2019
3.	Yoga and Workmanship Management	Arts Science and Commerce College Ozar (mig)	24 Dec.2018
4.	Hand on Training of Total Station	Sandip Institute of Training and Management, Nashik	30 July 2019
5.	Yoga and Workmanship Management	Arts Science and Commerce College Ozar (mig)	26 Dec.2019
6.	Hand on Training of Total Station	Sandip Institute of Training and Management, Nashik	8 <sup>th</sup> January 2020
7.	Advanced Surveying Techniques and Training of Total Station	Late G.N. Sapakal College of Engineering, Nashik	24 <sup>th</sup> February 2020
8.	Expert lecture on Research Innovation And New Technique's In Civil Engineering	Matoshri Institute Of Technology, Yeola	25 <sup>th</sup> Feb 2022

**Administrative Responsibilities:**

1. Worked as TE CAP Director SPPU Pune in November 2019
2. Working as Dean Civil Consultancy since 2019.
3. Working as paper setter for TE Civil Advanced surveying subject and SE Civil Surveying subject SPPU Pune
4. Active member in syllabus setting committee TE and SE Civil SPPU Pune.

**Dr. S. J. Kadbhane**  
Associate Professor CED  
MVPS KBTCOE Nashik