

Evaluative Report of Department of Civil Engineering

1. Name of the Department: Civil Engineering

2. Year of Establishment: 1984

3. Names of Programmes / Courses offered:

Names of Programmes	Year of Establishment	Intake
UG-B E Civil Engg.- Ist shift	1985	60
UG-B E Civil Engg.- IInd shift	2013	60
PG-M E Structures	2007	18
Ph.D.-Civil Engg.	2008	--

4. Names of Interdisciplinary courses and the departments / units involved: Nil

5. Annual/semester/choice based credit system (programme wise):

Name of the programme	Pattern/System (Annual/semester/choice based credit system)
UG-B E Civil Engg.- Ist shift	Semester wise credit based system (from AY 2015-16)
UG-B E Civil Engg.- IInd shift	Semester wise credit based system (from AY 2015-16)
PG-M E Structures	Semester wise credit based system
Ph.D.-Civil Engg.	----

6. Participation of the department in the courses offered by other departments

Name of Dept	Class	Courses offered
All departments.	FE	Basic Civil & Environmental Engineering
	FE	Engineering Mechanics

7. Courses in collaboration with other universities, industries, foreign institutions, etc. – Nil

8. Details of courses/programmes discontinued (if any) with reasons: Nil

9. Number of teaching posts

Teaching Posts	UG		PG	
	Sanctioned	Filled	Sanctioned	Filled
Professor	03	03	1	01
Associate Professor	06	02	1	00
Assistant Professor	15	14+06*	1	01
Visiting Faculty	--	--	--	03

*Adhoc Faculty

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Sr. no.	Name of the faculty	Qualification	Designation	Specialization	Experience (yrs) (A+B)*	No. of Ph.D Students guided for the last 4 years	
						Ongoing	Completed
1	Dr.P.D.Jadhao	Ph. D.	Professor and Head	Geotechnical Engg.	23y+2y	04	Nil
2	Dr.Sunil Kute	Ph. D.	Professor	Structural Engg.	24y6m	01	06
3	Prof.K.S.Bandi	M.E.	Professor	Construction Management	23y	NA	NA
4	Dr.A.L.Varne	Ph. D.	Professor	Environmental engg.	29y9m	NA	NA

5	Dr. P. D. Dhake	Ph. D.	Professor	Structural Engg.	17y 6m	NA	NA
6	Dr.V.M.Sewlikar	Ph. D.	Associate Professor	Geology	21y6m+1y6m	NA	NA
7	V. K. Patil	M. E.		Transportation Engg.	18y2m	NA	NA
8	S. R. Vhatkar	M. E.	Assistant Professor	Structural Engg.	14y8m	NA	NA
9	S. N. Chaudhari	M. Tech.		Town & country planning	6yr10m	NA	NA
10	S. S. Gadi	M. E.		Structural Engg.	8y 1m+2y6m	NA	NA
11	C. D. Kadbhane	M. E.		Structural Engg.	28y6m+1y	NA	NA
12	A. J. Pawar	M. E.		Structural Engg.	7y	NA	NA
13	S. U. Pandit	M. E.		Construction Management	6y3m	NA	NA
14	J. S. Nikam	M. E.		Structural Engg.	6y1m	NA	NA
15	S. S. Wani	M. E.		Structural Engg.	5y7m	NA	NA
16	A. V. Pisolkar	M. E.		Structural Engg.	3y6m+1y	NA	NA
17	M. S. Khule	M. E.		Structural Engg.	2y8m	NA	NA
18	N. V. Sonwane	M. E.		Enviro. Engg.	2y1m+1y5m	NA	NA
19	E. P. Galgalikar	M. E.		Enviro. Engg.	1y7m+4y6m	NA	NA
20	A. V. Dudhekar	M. E.		Water resources	1y7m	NA	NA
21	A. P. Keskar	M.E		Water resources	10m	NA	NA
22	K.R. Kothule	M.E		Structural Engg.	9m+4y	NA	NA
23	Y.D. Gajmal	M.E		Water resources	10m	NA	NA
24	S. S.Suryawanshi	M.E	Structural Engg.	4m+1y	NA	NA	
25	M. R. Chauhan	M.E	Structural Engg.	4m	NA	NA	
26	S. B. Ghadoje	M.E	Geotechnical Engg.	4m+3y3m	NA	NA	
27	G. R Sawant	M.E	Geotechnical Engg.	4m+ 3y7m	NA	NA	
28	P. D. Harkal	M.E	Structural Engg.	4m+5m	NA	NA	

*A – Teaching Experience in K.K. Wagh Education Society

*B – Teaching Experience in Other institute + Industry

11. List of senior visiting Faculty: (AY 2016-17)

Sr. No.	Name of the programme	Name of Faculty	Subjects
1	ME Structures	Dr. S. A. Kelkar	Research methodology
2		Dr.M. R.Wakchaure	Structural design of concrete & prestress bridge
3			Advanced design of concrete structures

12. Percentage of Lectures practical's handled (program wise) by temporary faculty – (AY 2016-17)

Sr	Class	Semester	Lect Delivered By temp faculty/ Total Lectures conducted for the class (A/B)	Practicals Handled By temp faculty/Total Practical Handled for the class (C/D)	Total (A+C)/(B+D)	%
1	FE(H)	I	137/213	119/163	256/376	68.66
	FE(N)	I	198/198	290/310	488/508	98
2	SE	I	252/432	528/720	780/1152	67.7
3	TE	I	264/432	288/624	552/1056	52.3
4	BE	I	192/408	480/960	672/1368	49.1
5	ME-I	I	40/120	0/40	40/160	25.0
6	ME-II	I	70/130	0/120	70/250	28.0

Sr	Class	Semester	Lect Delivered By temp faculty/ Total Lectures conducted for the class (A/B)	Practicals Handled By temp faculty/Total Practical Handled for the class (C/D)	Total (A+C)/(B+D)	%
1	FE(H)	II	0/234	0/118	0/352	0
	FE(N)	II	0/202	50/108	50/310	16.12
2	SE(I)	II	0	104/302	104/302	34.43
	SE(II)	II	0	0	0	0
3	TE(I)	II	71/199	58/270	129/469	27.50
	TE(II)	II	31/152	64/286	95/438	21.68
4	BE(I)	II	32/116	48/230	80/346	23.12
	BE(II)	II	0	50/300	50/300	16.66
5	ME-I	II	89/144	0/210	89/354	25.14
6	ME-II	II	----	0/380	0/380	0.0

(AY 2017-18)

Sr	Class	Semester	Lect Delivered By temp faculty/ Total Lectures conducted for the class (A/B)	Practicals Handled By temp faculty/Total Practical Handled for the class (C/D)	Total (A+C)/(B+D)	%
1	FE(H)	I	234/234	268/398	502/630	83.66
	FE(N)	I	193/202	157/189	350/391	89.3
2	SE(I)	I	0	0	0	0
	SE(II)	I	0	0	0	0
3	TE(I)	I	0	0	0	0
	TE(II)	I	0	0	0	0
4	BE(I)	I	60/207	74/324	134/531	25.23
	BE(II)	I	51/215	0	51/215	23.72
5	ME-I	I	61/109	0/40	61/149	40.9
6	ME-II	I	54/104	0/120	54/224	24.1

Sr	Class	Semester	Lect Delivered By temp faculty/ Total Lectures conducted for the class (A/B)	Practicals Handled By temp faculty/Total Practical Handled for the class (C/D)	Total (A+C)/(B+D)	%
1	FE(H)	II	19/244	24/175	43/419	10.71
	FE(N)	II	0/221	0/234	0/455	0
2	SE - I	II	104/215	76/362	180/577	31.19
	SE - II	II	39/218	62/342	101/560	18.03
3	TE - I	II	0	0	0	0
	TE -II	II	27/193	44/180	71/373	19.03
4	BE - I	II	59/164	100/258	159/422	37.67
	BE -II	II	25/133	10/208	35/341	10.26
5	ME-I	II	56/104	0/210	56/314	17.80
6	ME-II	II	---	0/380	0/380	0.0

13. Student teacher Ratio (Program wise)

	2017-18	2016-17	2015-16	2014-15	2013-14
UG (Ist shift)	20.5	15.64	17.0	20.55	17.99
UG (IInd shift)	27.2	22.78	22.29	19.81	NA
PG	21.3	25.16	15.44	13.61	15.31

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Sr. No	Type of Staff	UG/PG	Sanctioned	Filled
1	Support Staff (Technical)	UG (Ist shift)	--	4
		UG (IInd shift)	--	5
		PG	--	0
2	Administrative Staff	--	--	--

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG:

(Ref. table in point No. 10)

Qualification	Ph. D.	PG	UG
Number	05	23	00

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received. -Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR etc. and total grants received.

a) Projects funded by Govt Agencies

Sr. No.	Project funded by	Duration	Principal Investigator	Project Title	Grant Sanctioned (Rs)
1	U.G.C. New Delhi	1997-99	Dr. A. L. Varne	Air Pollution Assesment for Nashik City	40,000
2	U.G.C. New Delhi	1997-99	Dr. A. A. Kulkarni	Finite Elemental Formulation in the Problem of Shock Wave propogation	21,750

3	U.G.C. New Delhi	1997-99	Dr. V. M. Sewlikar	Study of Ground Water Resources in Nashik District & Application of Method of Hydrofracturing to increase the Recharge of Ground Water	20,000
4	U.G.C. New Delhi	1997-99	K.S.Bandi	System Approach for Design of Building	22,869
5	AICTE (MODROB)	2013-14	Dr. P. D. Jadhao	Modernnization of Material Testing Laboratory	15,00,000

18. Research Centre /facility recognized by the University: Research centre in civil engineering of Savitribai Phule Pune University, Pune. At present two guides; Dr.S.Y.Kute and Dr.P.D.Jadhao are attached with the research centre.

19. Publications:

Number of Journal Publications by all faculty:	
Number of paper published in peer reviewed journal:	48
Number of publication listed in international database:	31
Books with ISBN Number /ISSN Number with detail of publisher:	--

Name of Faculty	Number of paper published in peer reviewed journal	Number of publication listed in international database	Citation Index	Impact Factor	H –index
Dr.P.D.Jadhao	15	13	70	7.098	3
Dr.S.Y.Kute	10	6	64	1.123	4
Dr.A.L.Varne	4	3	-	6.171	-
Dr.P.D.Dhake	8	8	18	7.098	3

20. Areas of Consultancy and Income Generated

Academic Year	Nature of work	Amount		Details of work
2017-18	Testing	98,830	79,81,216	Testing of various construction materials like cement, sand, aggregates, bricks, tiles, manhole cover, steel, water etc. Mix designs, Soil investigations, Consultancy of design of water tanks, RCC and steel structures, structural audits, NDT tests,
	Consultancy	78,82,386		
2016-17	Testing	3,71,552	50,97,309	
	Consultancy	47,25,757		
2015-16	Testing	2,62,689	24,33,707	
	Consultancy	21,71,018		
2014-15	Testing	2,68,648	39,68,395	
	Consultancy	36,99,747		
2013-14	Testing	1,57,458	28,59,706	
	Consultancy	27,02,248		
2012-13	Testing	1,77,955	17,41,841	
	Consultancy	15,63,886		

21. Faculty Members in**a) National Committees b) International Committees C) Editorial Boards**

A. Y.	Name of staff	Recognition	Name of Committee
2013-16	Dr. S. Y. Kute	Chairman BOS	Board of Studies (Civil Engg.), SPPU
		Senate Member	SPPU
		Academic Council	SPPU
		Member	Faculty of Engg., SPPU
		Member	32/5 Committee, SPPU
		Member	Research & Recognition Committee, SPPU

b) International Committees - Nil

c) Editorial Boards – Nil

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/program

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies:

Academic Year	UG		PG	
	% of students who have done in-house projects	% Sponsored Projects	% of students who have done in-house projects	% Sponsored Projects
2017-18	60	8	100	22
2016-17	100	0	100	0
2015-16	100	7.14	100	0
2014-15	100	16.67	100	0
2013-14	100	16.67	100	38.5

23. Awards/Recognitions received by faculty and students

a. Awards/Recognition Received by faculty Members:

Academic Year	Total Number of students awards	Total Number of Faculty awards	Recognitions received by faculty
2017-18(I Shift)	1	-	22
2017-18(II shift)	14	-	02
2016-17	12	1	25
2015-16	10	0	15
2014-15	4	1	5
2013-14	3	0	8

University ranks secured by students

Sr. No.	A.Y.	Class	Name of student	Uni. rank	%	Title of Award
1	2014-15	BE	Chhawsaria A. J.	1	80.67	The P.S.Sharangpani Gold Medal The Shri V.N.Vartak Prize The R.M.Francy Memorial Prize The D.V.Gokhale Prize The G.H.Raisoni Gold Medal The Shri. M. M.Makhijani Prize Hon.Dr.P.D.Patil Gold Medal

						The Shri.D.K.Datey Memorial Prize
						The Late Shri. V. B. Joglekar Prize
						The Late Shri D.K.Bhave Memorial Prize
						The Late Shri D. L.Deshmukh Prize
						The S. D.Deshpande Memorial Prize
2	2014-15	BE	Chaudhari M. H.	8	79.07	Late G. B. Modak Prize
						Shri D.F.Chavan Prize
3	2013-14	TE	Chhawsaria A.J.	1	77.60	--
4	2012-13	BE	Sanap R. V.	7	80.33	--

24. List of eminent academicians and scientists / visitors to the department

Sr. No.	Date	Name of visitor	Disignation, Name of Affiliated Institute/Company
1	11/12/2017	Dr.Ashok Deshpande	Ex. Dy. Director NEERI, Nagpur Professor , Emeritues , University of California , Berkeley
2	26/2/2017	Dr. J.E.M. Macwan	Professor in Civil Engineering Dept., S.V.N.I.T. Surat
3	26/2/2017	Dr. Shankar Murthy	Professor in Environment & Industrial Safety, NITIE, Mumbai.
4	27/2/2012	Dr.D.G.Regulwar	Professor, Govt. C.O.E. Aurangabad.
5	14 /02/2017	Vasant Sulakhe	Executive Engg. (Retd.) Water Resources Dept.
6	15/02/2017	Mayur Pathak	General Manager, Dirk India Pvt. Ltd. Nashik
7	16/02/2017	V. P. Ramgude,	Joint Director, Maharashtra Engg. Training Academy, Nashik
8	15/10/2016	Dr. K. K. Sangle	Professor, VJTI, Mumbai
9	02/09/2016	Dr.C.S.Bhagwan Raju	Project Director,Gammon India Ltd, Mumbai
10	21/07/2016	Col.Rajan Tharu	Indian Army Deolali Camp Office
11	6/1/2016	Dr.H.S.Patil	Professor, S.V. National Institute of Technology, Surat
12	17/01/2015	Dr.C.S.Bhagwan Raju	Project Director, Gammon India Ltd, Mumbai
13	02/09/2015	Dr.C. D. Dhake	Programe Assurance Engineer, Network Rail, London.
14	08/08/2015	S.B.Sohoni	Joint Secretary(Retired), Irrigation Department, Nashik.
15	14/01/2015	Dr.N.Sukumar	Professor in Civil Engineering, University of California, USA
16	02/04/2014	S.B.Sohoni	Joint Secretary(Retired), Irrigation Department, Nashik.

25. Seminars/Conferences/Workshops organized & the source of funding (National & international)

Year	Event organised	Level	Source of funding
2017-18	FORCE 2018	National	Self-Financed
2017-18	Emerging Trends and Advances in Civil and Environmental Engineering	International	SPPU,Pune
2017-18	Fuzzy Logic	State	Self-Financed
2016-17	FORCE 2017	National	Self-Financed
2015-16	FORCE 2016	National	Self-Financed
2014-15	Two week ISTE STTP on Environmental Studies	National	MHRD, New Delhi
	FORCE 2015	National	Self-Financed
2013-14	Two week ISTE STTP on Engineering Mechanics	National	MHRD, New Delhi
	FORCE 2014	National	Self-Financed

26. Student profile program /course wise:

Academic Year	Name of the Course/program	Applications received	Selected (Admission in First Year)	Enrolled		Pass percentage
				*M	*F	
2017-2018	Civil Engg. (UG)-I shift	Centralised Admission process governed by DTE.	63	40	23	NA
	Civil Engg. (UG)-II shift		59	37	22	
	Civil Engg. (PG)		18	13	5	
2016-2017	Civil Engg. (UG)-I shift		64	41	23	
	Civil Engg. (UG)-II shift		60	41	19	
	Civil Engg. (PG)		18	12	6	
2015-2016	Civil Engg. (UG)-I shift		65	42	23	
	Civil Engg. (UG)-II shift		60	46	14	
	Civil Engg. (PG)		18	13	5	
2014-2015	Civil Engg. (UG)-I shift		61	36	28	
	Civil Engg. (UG)-II shift		60	50	10	
	Civil Engg. (PG)		18	11	6	
2013-2014	Civil Engg. (UG)-I shift		48	16	64	
	Civil Engg. (UG)-II shift		60	60	14	
	Civil Engg. (PG)		18	12	6	

*M = Male *F = Female

27. Diversity of Students (UG & PG)

Academic Year	Name of the/ Programme Course	% of students from the same state	% of students from other States	% of students from abroad
2017-2018	Civil Engg. (UG)- I shift	95.2	4.8	0
	Civil Engg. (UG)-II shift	98.3	1.7	0
	Civil Engg. (PG)	100	0	0
2016-2017	Civil Engg. (UG)- I shift	98.4	1.6	0
	Civil Engg. (UG)-II shift	100	0	0
	Civil Engg. (PG)	100	0	0
2015-2016	Civil Engg. (UG)- I shift	96.7	3.3	0
	Civil Engg. (UG)-II shift	98.5	1.5	0
	Civil Engg. (PG)	100	0	0
2014-2015	Civil Engg. (UG)- I shift	96.7	3.7	0
	Civil Engg. (UG)-II shift	98.3	1.7	0
	Civil Engg. (PG)	94.4	5.6	0
2013-2014	Civil Engg. (UG)- I shift	98.4	1.6	0
	Civil Engg. (UG)-II shift	100	0	0
	Civil Engg. (PG)	100	0	0

28. How many students have cleared national and state competitive examinations such as NET, GATE, Civil services, Defence services, etc.?

Exam	No. of Students					
	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
GATE	07	14	09	05	4	8
CAT/MBA- CET	01	03	0	1	2	0
GRE	02	02	05	05	4	2
TOFEL	02	02	05	05	4	2
MPSC	09	06	06	0	1	0

29. Student Progression

Student Progression		% Against enrollment 2017-18	% Against enrollment 2016-17	% Against enrollment 2015-16	% Against enrollment 2014-15	% Against enrollment 2013-14	% Against enrollment 2012-13
UG to PG (I Shift)		-	16.45	9.7	34.2	50.7	34.3
UG to PG (II Shift)		-	9.23				
PG to Ph.D (in yr 2016-17)		-	-	-	5.55	-	5.55
PG to Ph.D (in yr 2017-18)		-	-	-	5.6	5.6	5.6
Employed	Campus Selection(I Shift)	2.9	-	8.3	2.7	4.2	13.4
	Campus	3.44	3.07				

	Selection(II Shift)						
	Other than campus selection (I Shift)	-	16.45	4.2	34.2	33.8	40.3
	Other than campus selection (II Shift)	-	-				
	Entrepreneurship/ Self Employed (I Shift)	-	8.86	1.4	2.7	4.2	20.9
	Entrepreneurship/ Self Employed (II Shift)	-	-				

30. Details of Infrastructural facilities

a) Library:

Particular	Titles	Volumes
Books	299	359

30. B. Internet facilities for Staff & Students:

Shared 155 Mbps leased line internet connection for staff and students, available in all classrooms, laboratories and seminar hall. Wi-Fi facility is available in the institute premises.

30. C. Class rooms with ICT facilities

4 ICT enabled classrooms and 1 seminar hall are available

30 d. Laboratories:

Sr. No.	Room No.	Laboratory Name	Area (m ²)	Equipment Cost till Date
1	D103I	Transportation Engg. Laboratory	70	12,61,416
2	D103II	Geotechnical Engg. labortory	105	22,55,662
3	D106I	Engineering Mechanics labortory	70	3,03,585
4	D106II	Fluid Mechanics laboratory-I	105	22,57,253
5	H102	Fluid Mechanics laboratory-II	91.21	
6	D108 I	Material Testing labortory	175	78,95,122
7	D108 II	Concrete Technology labortory	101	26,92,505
8	D110	Surveying labortory	45	25,18,355
9	D203I	Drawing Hall	105	5,89,366
10	D203II	Computer labortory	70	60,43,897
11	D208	Environmental Engg. labortory	175	15,61,208
12	D210	Engg. Geology labortory	45	2,20,035

There have 12 well equipped Laboratories with total equipment cost Rs. 2,75,98,404

31. Number of students receiving financial assistance from college, university, government or other agencies?

Academic Year	I st Shift						IInd Shift					
	Category						Category					
	SC	ST	VJN	OBC	SBC	Tota	SC	ST	VJNT	OBC	SBC	Tota
2017-18	26	15	28	78	4	151	24	7	21	82	3	137
2016-17	20	-	16	47	-	83	14	-	05	34	-	53
2015-16	28	16	25	62	03	134	11	07	06	22	-	46
2014-15	32	18	20	60	02	132	-	-	-	-	-	-
2013-14	27	12	2	63	02	126	-	-	-	-	-	-

32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts

Date	Class	Topic of seminar/workshop/expert lecture	Name of speaker/guest	No. of students participated
AY 2017-18				
28/07/2017	SE (I)	Planning of residential buildings and building materials	Mr. Bala Shirsath	48
03/08/2017	TE (I)	Planning and design of industrial structure	Mr. Jayant Bhinge	39
19/08/2017	TE (I), BE (I)	A case study of LRT in Malaysia	Mr. Prakash Medhekar	78
21/08/2017	TE (I), BE (I)	Building Information Modelling	Mr. Siddarth Kothari	57
21/08/2017	SE (I)	Water Proofing & Painting	Mr. Shrikant Wani	54
26/08/2017	TE (I)	Construction techniques for a highway project	Mr. Piyush Deo	39
19/09/2017	BE (I)	Bridge Engineering	Mr. V.P.Ramgude	57
07/10/2017	BE (I)	Introduction to 1893:2016 to 13920:2016	Mr. Ajinkya Magar	42
31/01/2018	TE (I)	Remote sensing & GIS	Mr. Vikrant Nikam	62
31/01/2018	SE (I)	Quality control of concrete	Mr. Vikas Ramgude	59
02/02/2018	TE (I)	Gate Exam	Mr. Krishna	56
02/02/2018	TE (I)	Microtunnelling	Mr. Yogesh Killedar	35
10/02/2018	TE (I), SE (I)	Competitive Exams	Mr. Ram Khairnar	49
22/2/2018	BE (I)	PMC – Role, selection & appointment process	Mr. Milind Tare	55

22/2/2018	BE (I)	Dam Safety Monitoring	Dr. M. B. Nakil	63
23/02/2018	SE (I)	Basic Etiquettes & Presentation Skills	Mr. Pushkar Phade	22
24/2/2018	SE (I)	Architectural Planning & Design of Building	Mr Vijay Sanap	65
28/2/2018	BE (I)	Financial aspects of construction Project	Mr. Piyush Chandak	29
28/2/2018	BE (I)	Valuation	Mr. Jagdish Gadkari	55
31/3/2018	SE (I)	Concrete Mix Design	Mr. Vivek Babsiwale	51
02/04/2018	FE (I)	Engineering, Mechanics – Relating theory with real life examples	Prof V.D.Barve	47
05/04/2018	BE (I)	Contracts & Tenders	Mr. Pankaj Sharma	63
06/04/2018	SE (I)	Basics of Engg Geology	Mr. Anil Waghmare	48
13/07/2017	TE II, BE II	Opportunities of Studying in various Countries, its Merits and Demerits	Mrs. Smita Bhamare	99
04/08/2017	TE II	Planning and design of industrial structure	Mr. Jayant Bhinge,	47
21/08/2017	SE II, BE II	Building Information Modeling in Construction	Mr. Siddharth Kothari	96
21/08/2017	SE II	Water Proofing & Painting practices on Construction site	Mr. Shrikant Wani,	53
26/08/2017	TE II	New Technologies in Infrastructure	Mr. Piyush Deo	50
19/09/2017	BE II	Bridge Engineering	Mr. V.P. Ramgude	51
29/09/2017	SE II	Geotechnical Engineering	Mr. V.P. Ramgude	57
06/10/2017	TE II	River Interlinking Project	Mr. Rajendra Jadhav	66
29/01/2018	TE II	Remote sensing & GIS	Aditya C. Sathe	68
31/02/2018	SE II	Quality control of concrete	Mr. Vikas Ramgude	72
02/02/2018	TE II	Microtunnelling	Mr. Yogesh Killedar	57
22/2/2018	TE II BE II	PMC – Role, selection & appointment process	Mr. Milind Tare	110
22/2/2018	BE II	Dam Safety Monitoring	Dr. M. B. Nakil	38
22/02/2018	SE II	Basic Etiquettes & Presentation Skills	Mr. Pushkar Phade	70
23/2/2018	TE II, BE II	Bridging the gap between college and industry, Overview of construction Sector	Mr. Swapnil Joshi	80

24/2/2018	SE II	Architectural Planning & Design of Building	Mr Vijay Sanap	60
28/2/2018	BE II	Financial aspects of construction Project	Mr. Piyush Chandak	26
14/03/2018	BE II	Plumbing fittings in High rise buildings	Mr. Vinay Barpande	51
31/3/2018	SE II	Concrete Mix Design	Mr. Vivek Babsiwale	70
02/04/2018	F.E.II	Engineering, Mechanics – Relating theory with real life examples	Dr. V.D.Barve	37
06/04/2018	SE II	Basics of Ground water Hydrology	Mr. Anil Waghmare	62
AY 2016-17				
23-06-2016	TE I BE I	Personality and Stress Management	Mr.Justin Shaw	110
29-07-2016	SE I, TE I	Use of software in civil engineering	Dr.V.D.Barve	104
02-09-2016	BE I	Highway Construction	Dr. C.S. Bhagwan	70
21-09-2016	TE I	Employability Skill Development	Shree P.B.Bhore	48
19-01-2017	SE I	Bye laws and building permission	Mr. Sanjay Ghuge	52
15-02-2017	SE I	Various aspects of Concreting	Mr. Mayur Pathak	32
16-02-2017	SE I	Architectural Planning using Auto CAD	Mr. Jitendra Gupta	48
11-02-2017	TE I	Geotechnical Investigation	Mr. Mihir Raje	42
16-02-2017	TE I	Elements of Bridge Foundation	Mr. V.P. Ramgude	39
24-03-2017	TE I	Remote Sensing and GIS	Mr. Makarand Kulkarni	43
06-01-2017	BE I	Dam & hydropower Plant	Mr. Kiran Rahane	55
15-02-2017	BE I	Roller Compacted concrete	Mr. Vasant Sulakhe	45
18-02-2017	BE I	Hydropower Engineering	Mr. Ganesh Jadhav	42
16-03-2017	BE I	Earthen Dam	Mr.Mangesh Chaudhari	58
24-06-2016	TE II BE II	Personality and Stress Management	Mr.Justin Shaw	130
21-07-2016	BE II	Role of Civil Engineers in Army	Col.Rajan Tharu,	65

			Colnel, Indian Army	
29-07-2016	SE II TE II	Use of software in civil engineering	Dr.V.D.Barve	110
21-09-2016	TE II	Employability Skill Development	Mr. P.B.Bhore	40
21-09-2016	SE II	Materials in construction	Mr.N.V.Kshirsagar	51
19-01-2017	SE II	Bye laws and building permission	Mr. Sanjay Ghuge	59
15-02-2017	SE II	Various aspects of Concreting	Mr. Mayur Pathak	42
16-02-2017	SE II	Architectural Planning using Auto CAD	Mr. Jitendra Gupta	46
11-02-2017	TE II	Geotechnical Investigation	Mr. Mihir Raje	38
16-02-2017	TE II	Elements of Bridge Foundation	Mr. V.P. Ramgude	46
24-03-2017	TE II	Remote Sensing and GIS	Mr. Makarand Kulkarni	51
15-02-2017	BE II	Roller Compacted concrete	Mr. Vasant Sulakhe	59
18-02-2017	BE II	Hydropower Engineering	Mr. Ganesh Jadhav	35
18-02-2017	BE II	Govt. Exam Awareness	Mr.Rohit Kore	45
28-02-2017	BE II	Project Scheduling using Softwares	Mr. Hemant Avhad	28
27-02-2017	BE II	Construction Management Awareness and Employability	Prof.Sameer Alone	38
AY 2015-16				
1/08/2015	BE	Alluform technique for construction	Mr. Ajinkya Magar	62
1/08/2015	TE (I)	Design of Steel Structures	Dr.R.S.Talikoti	60
3/08/2015	TE (II)	Design of Steel Structures	Dr.R.S.Talikoti	58
04/08/2015	BE	System Approach in Civil Engineering	Dr.P.J.Pawar	42
05/08/2015	SE (II)	Building Materials	Mr. Namdeo Warade	58
06/08/2015	TE (II)	Hydrology and flood control	Mr. M.S.Aamle	58
07/08/2015	SE (I)	Building Materials	Mr.Namdeo Warade	60
08/08/2015	SE (I&II)	Soil Mechanics	Mr. S.B.Sohoni	100
19/08/2015	BE	Highway Construction	Mr. A. Inamdar	55
02/09/2015	TE (I&II) & BE	Personality Development and Team Leadership	Dr.C. D. Dhake	150
03/09/2015	SE (I&II)	Building Materials	Prof.P.T.Kadave	100

06/09/2015	SE (I&II)	Strength of Materials	Dr.M.R.Wackchaure	110
20/09/2015	SE (I&II)	System Approach in Civil Engineering	Dr.D.G.Regulwar	40
20/09/2015	TE (I&II) & BE	Hydrology, modeling in hydrology	Dr.D.G.Regulwar	54
21/09/2015	BE	Design of Earthquake Resistant Structures	Dr.Manmohan Maniyar	64
23/11/2015	ME	Design of Advanced steel structures	Prof.Y.L.Bhirud	20
6/1/2016	BE	Construction Management practices for major projects	Mr. Milind Tare	60
6/1/2016	SE	Use of AutoCad software in building drawing	Mr. Jitendra Gupta	64
6/1/2016	SE(II), TE(II) BE	Structural Analysis	Dr.H.S.Patil	150
6/1/2016	TE (I), BE	PG diploma in NITIE and Construction Management.	Mr. Pritesh Chitte	56
23/1/2016,	BE	Project Management and Building Information System Modeling.	Mr. Bhavik Thakkar	50
09/02/2016	SE (I&II)	Building Planning and Interior Design	Mr. Virag Shah	108
12/02/2016	BE, TE (I)	Highway Construction and Equipments	Mr. Ajit Patil	101
04/03/2016	BE	Tenders in Civil Engineering	Mrs. Rajni	55
05/03/2016	BE	Contracts in Civil Engineering	Deshmukh	48
07/03/2016	BE	Dam construction	Mr. M.M.Waghmare	52
11/03/2016	BE, TE(II)	Higher education in construction management	Prof.Sameer Alone	80
AY 2014-15				
12/07/2014	BE	Scope for Research in Structural Engineering	Dr.S.N.Dumane	69
16/07/2014	SE (I)	Building Materials in Civil Engineering	Prof.P.T.Kadave	60
16/07/2014	SE(II)		Prof.P.T.Kadave	40
09/08/2014	BE	Environmental Sanitation	Mr. Shivkumar Vanjari	62
26/08/2014	BE	How to prepare UPSC Civil Services	Mr. Sanil Jadhav	61
09/09/2014	TE	Interpersonal & Leadership Skills	Prof.Sadhana Wagh,	72
11/09/2014	BE	Project Management	Mr. Milind Tare	64
11/09/2014	ME	Structural Management	Mr. Milind Tare	21
23/09/2014	TE	Employability Skills	Prof.Sadhna Wagh & Prof.Abantika Saha	71
23/09/2014	BE	Post graduate education abroad	Mr. Ajit Mutha	60
14/01/2015	BE	Research areas in Civil Engg.	Dr.N.Sukumar	120

16/01/2015	BE	Project Management for Hospitals	Mr. Nitin Pathak	64
17/01/2015	TE	Foundations for Bridges	Dr.C.Bhagwan Raju	80
24/01/2015	SE (I& II)	Building Rules, Regulations and Bylaws	Mr. Sanjay Ghuge	120
28/01/2015	BE	Journey of Shortest path to highest career	Mr. Girish Dharap	40
10/2/2015	BE	Higher Education in US and Canada	Mr. Lakshman Iyer	48
26/02/2015	BE	Planning of Residential Building Projects	Mr. Vijay Sanap	150
27/02/2015	TE	Remote Sensing and its Application	Mr. S.G.Wagh,	60
24/03/2015	SE (I&II)	Concrete Mix Design	Mr. Pravin Patil	100
27/03/2015	TE	Allufrom Technique for concrete structures	Mr. Ajinkya Magar	58
28/03/2015	BE	Tenders in Civil Engineering	Mrs. Rajni Deshmukh	50
30/03/2015	BE	Contracts in Civil Engineering		54
31/03/2015	SE (I&II)	Ready Mix concrete	Mr. Durgesh Puranik	100

33. Teaching methods adopted to improve student learning

1. Effective use of black/white board during teaching learning process in the class for better understanding of various subjects.
2. Use of LCD projectors in the class room to show presentations, photographs of different structures and discussions on case studies.
3. Minimum two industrial visits for each subject to demonstrate method of construction, materials handling, quality & safety aspects.
4. On site teaching of some topics to understand working principles, concepts and its applications.
5. Guest Lectures of field experts from industry/site/other organisations to all classes.
6. Use of multimedia (NPTEL lectures, videos of different projects/structures)
7. Preparation and discussion of MCQ's in classroom/tutorial sessions.
8. Discussing content beyond syllabus
9. Mini projects at PG level
10. Selection of topics for projects and seminar to address the field problems which help students to understand different concepts in civil engineering, application, analysis, design, construction, and the cost economics of the project.
11. Well equipped laboratories to meet the requirement of university syllabus, seminar and projects works.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Academic Year	Activity	No of Participants
2017-18	Drama competition based on theme 'Sanitation forAll'	28
	Awareness about Female Health and distribution of Sanitary Napkins	09
2016-17	Drama competition based on theme 'Infrastructure Development'	17
2015-16	Drama competition based on theme 'Road Safety'	21
2014-15	Drama competition based on theme 'Clean India Green India'	18
2013-14	Street Play competition based on theme 'Environment'	20
2012-13	Street Play competition based on theme 'Save Water'	25

Participation in NSS activities

Academic Year	No. of activities	No. of participants
2017-18	28	210
2016-17	4	62
2015-16	15	510
2014-15	17	508

35. SWOC analysis of the department and Future plans:**Strengths:-**

- Well equipped laboratories to meet the AICTE/University requirement, testing and consultancy services.
- Highly dedicated teaching as well as non- teaching staff.
- Students of high merit seeking admission to the program.
- Many students are going for higher education at reputed institute like NITs, IITs and abroad.
- Active participation of the students in the extra curricular activities.
- Department provide testing and consultancy services to private, government and semi government organization.
- Close association with Alumni.
- Many students are selected in government department through competitive examination.
- Many students are self employed doing t
- Excellent interaction with industry/field through site visits and expert lectures.
- Department is accredited twice by NBA.

Weaknesses:-

- Staff retention is poor.
- Shortage of funds for research and development.

Opportunity:-

- To improve training and placement activity.
- To opt more number of field projects of social awareness.

Challenges:-

- To fetch good quality students in future.
- To get good quality faculty in future.

Future Plans:-

- To get sponsored R & D Projects.
- To organise awareness programs for benefit of the society.
- * To obtain patents.