



Department of Civil Engineering Faculty Profile



Prof.(Dr) Ravindra D Nalawade

Ph.D (Civil Engineering)

Associate Professor

✉ rdnalawade@aissmscoe.com

rdn_civil@yahoo.co.in

☎ (020) 26058587

🔗 https://scholar.google.co.in/citations?hl=en&user=jwdIC0AAAAJ&view_op=list_works&gmla=AJsN-F4X0zuBDUdd9V8zuXEVsWi4RKKJ1imxEgEbXbcAnpr1VR3xgdp4UhYN3bPHqeBbWz5mAF5_Zni7JEI1IGKZ1YQP-k8LyhZ4UwVhzOsjoxd8R-mAlks

🔗 <https://orcid.org/0000-0003-4931-4660>

Research Areas / Areas of Interest

Soil Stabilization Techniques,
Sustainability in Civil Engineering Projects,
Geotechnical Investigation and Interpretation,
Application of Geo-synthetics material in civil
Engineering, Landslides and Slope Stability Analysis,
Geogrid Reinforced Earth wall of Flyover,
Foundation design and remedial techniques.
Innovative materials for road construction

Personal Details

Date of Birth : 12 / 02/ 1976

Domicile: Maharashtra

Gender : Male

Blood Group: AB⁺

Contact Details: C 204, Sai Laurel, Dnyanesh park, Lane 4, Near Krishna Chowk,
Pimple Gurav, Pune – 411061

Academic Background

S. NO.	Qualification	Specialization	University	Class/Grade	Year of Passing
1	Ph.D.	Civil Engineering	Pune	--	Dec 2020
2	M.Tech.	Civil– Geotech Engg.	Pune	I st	May 2007
3	B.E.	Civil Engineering	Kolhapur	Distinction	May 1998
4	Diploma	Civil Engineering	DTE, Mumbai	Distinction	May 1995

Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	25	0
2	Research	00	0
3	Industry	0	0
4.	Others	--	--
Total		25	-

Subjects / Courses Taught

S. No.	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Geotechnical Engineering	UG	SE (Civil)	22
2	Foundation Engineering	UG	TE (Civil)	22
3	Engineering Mechanics	UG	FE (All)	10
4	Basic Civil Engineering	UG	FE (All)	10
5	Quantity Surveying, Contract & Tenders	UG	BE(Civil)	10
6	Transportation Engg	UG	BE(Civil)	05
7	Concrete Technology	UG	SE (Civil)	03
8	Advance Concrete Tech	UG	BE(Civil)	02

Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
Journals	-	14	-	11	03
Conferences	03	03	02	01	--

Publication Details (Journals)

Sl. No	Document Details	Authors	Year	Source Details	ISBN / ISSN	Publisher
1	Prediction of Abrasive wear behaviour of the Poly-Tetra-F using adaptive Neuro Fuzzy Interface Systems	Dr. D Y Dhande & Dr. R D Nalawade	2023	Journal Tribologi	ISSN: 2289-7232	Malaysian Tribology Society
2	Tests for Evaluating Efficacy of Phosphoric Acid Activated Charcoals from Two Biomasses	Dr. A S Jadhav & Dr. R D Nalawade	2023	Nature Environment and Pollution Technology	ISSN 0972-6268(Print); ISSN 2395-3454 (online)	Techno-science Publications
3	Landslides, Rainfall Triggered Landslides of Slopes by Passive Piles	Dr. R D Nalawade	2023	Annals of Forest Research	ISSN: 1844-8135 E-ISSN: 2065-2445	Forest Research Management Institute Icas, Romania
4	Numerical Analysis and field behavior of stone columns - strengthened soft clay deposit	Dr. R D Nalawade	2023	European Chemical Bulletin	ISSN 2063-5346	Deuton-X Ltd, Hungary

	using PLAXIS 2D					
5	Fractal Model to Interpret Porosity-Dependent Hydraulic Properties for Unsaturated Soils	Dr. R D Nalawade	2023	Computer Integrated Manufacturing System	ISSN 1006-5911	Beijing Advanced Manufacturing Technology Consultation Center
6	Influence of swelling rock with drying-wetting cycles on stability of canal slope.	Dr. R D Nalawade	2022	Chinese Journal of Geotechnical Engineering	ISSN: 1000-4548	Editorial office of Chinese Journal of Geotechnical Engineering
7	Pavement evaluation and applications of Geo textiles in pavements.	Dr. R D Nalawade	2022	Chinese Journal of Geotechnical Engineering	ISSN: 1000-4548	Editorial office of Chinese Journal of Geotechnical Engineering
8	Geotechnical characterization of soil slopes a tool in determining	Dr. R D Nalawade	2022	Chinese Journal of Geotechnical Engineering	ISSN: 1000-4548	Editorial office of Chinese Journal of Geotechnical Engineering

9	Stabilization of soil using waste plastic fibre and kitchen waste.	Dr. R D Nalawade	2022	Chinese Journal of Geotechnical Engineering	ISSN: 1000-4548	Editorial office of Chinese Journal of Geotechnical Engineering
10	Evaluation of Geotechnical Properties and Microstructure Analysis Lime Blended Black Cotton Soil	R D Nalawade & Dr. P D Jadhao	2020	International Journal on Emerging Technologies	ISSN No. (Print): 0975-8364 ISSN No. (Online): 2249-3255	Research Trend
11	Prediction of CBR Value of Stabilized Black Cotton Soil use for Road Construction	R D Nalawade & Dr. P D Jadhao	2020	International Journal of Engineering and Advanced Technology (IJEAT), 9 (3), 2317-2322	ISSN 2249-8958, DOI:10.35940/ijeat.C5667.029320	IJEAT
12	Effects of Hydrated Lime in Stabilization of Black Cotton Soil	R D Nalawade & Dr. P D Jadhao	2019	International Journal of Engineering and Advanced Technology (IJEAT), 8 (5), 2364-2367	ISSN 2249-8958,	IJEAT

13	Reaction Mechanism of Chemical Stabilization in Expansive Soil	R D Nalawade & Dr. P D Jadhao	2016	Electronic Journal of Geotechnical Engineering (EJGE).21(21), 7227-7234.	ISSN 1089-3032	Oklahoma State University
14	Stabilization of Black Cotton Soil using admixtures	R D Nalawade & P R Modak	2012	International Journal of Engineering and Innovative Technology (IJEIT),1(5),1 - 3.	ISSN No. 2277-3754	IJEIT

Publication Details (Conferences)

S. No	Document Details	Authors	Year	Conference Details	ISBN	Organised by
1.	Zero Energy Building-A Future of Construction Industry	Dr. R D Nalawade & Kapil Shalgar	2023	International Conference on Green Energy	-	AISSMS COE PUNE

2.	Analysis of soil bearing capacity by Plaxis software	Dr. R D Nalawade	2022	2 nd National Conference on Innovation in Engineering & Technology	-	AISSMS COE PUNE
3.	Assessment of Industrial by-product in Geotechnical Application	R D Nalawade & Dr. PD Jadhao	2015	50 th Indian Geotechnical Conference (IGC-2015) during 17 to 19 December 2015 at COEP, Pune, India.	-	IGS (New Delhi) in association with IGS Pune chapter and CWPRS Pune.
4.	Stability and Cost Aspect of Geogrid Reinforced EarthWall of Flyover	R D Nalawade	2007	12 th International Conference of International Association for computer method and Advance in Geomechanics (ICACMAG) during 1 to 6 October 2008 at Goa, India, pp- 3770-3776	-	IIT (Powai) Mumbai. (SCOPUS)

5.	Stability of Geogrid RE Wall	R D Nalawade	2008	4 th European Geosynthetics Conference 2008, Scotland U.K. on 7 to 10 Sept. 2008	-	U.K. chapter of the International Geosynthetics Society.
6.	Design and Stability Aspects of Geogrid Reinforced Earth Retaining Wall	R D Nalawade	2007	National Level Conference on Recent Trends in Civil Engineering, during 09-10th March 2007	-	RIT Islampur
7.	Stability And Economical Aspects Of Geogrid Reinforced Earth Retaining Wall	R D Nalawade	2007	National Conference On Recent Developments in Geotechnical Engineering And Rock Mechanics	-	D.Y. Patil COE, Pune

8.	Stabilization of Black Cotton Soil using fly ash	R D Nalawade	2012	Annual Technical Paper Meet 2012, at Institution of Engineers' (I), Pune Chapter, Pune	-	Institution of Engineers' (I), Pune Chapter
9.	Reinforced flyash slop using different Geosynthetics	R D Nalawade	2016	Regional Research conference, INNOVATION	-	BCUD SPPU, Pune

PhD / ME / BE Student Guided for Project

Level	Ph.D.	M.E. (PG)	B.E. (UG)
No. of Student guided	-	02	240

Professional Memberships

Professional Body	Level (National/ International)	Type (Fellow/Life/Annual)	Membership No.
Indian Society for Technical Education	National	Life	LM29695
Indian Geotechnical Society (New Delhi)	National	Life	LM2497
IGS –Pune	State	Life	

Patents / IPR Filed / Granted

S. No	Investigator Details	Title	Year	Status (Filed/Granted)	Details
1	Dr. R D Nalawade	Total 13 Title	2022-23	Published	Patent

Books Published

S. No	Title	Name of the Publisher	ISBN/ISSN Number
1	Research Methodology	R K Publications	ISBN:978-93-95331-78-4

Research Grants Received

S. No	Program	Duration	Funding Agency	Grant Amount
1.	Research Proposal of Reinforced fly ash Slopes with Geosynthics	2014-16	BCUD, SPPU, Pune	INR 2 Lacs

Details of Workshop / STTP / FDP / Seminar / Conferences Organized

Sl. No	Title	Type	Duration	Level (State/National / International)	Sponsoring Agency
1	IGS Maharashtra Chapters event 'Mahafest' on theme Tunneling and Underground Structures	workshop	12/9/2023 & 13/9/2023	National	IGS New Delhi

2	IGS Pune Chapter's "Bharat Ratna Sir M. Visvesvaraya Annual Lecture" at COEP	Seminar	30/9/22	National	IGS Pune
3	Geotechnical Engineering Yesterday, Today & Tomorrow	Seminar	11/3/22	National	Shirke & IGS Pune
4	IGS Student chapter & expert talk	webinar	3/2/22	National	IGS Pune
5	Bharat Ratna Sir M. Visvesvaraya Annual Oration	Annual Oration n	05/9/2021	National	IGS Pune and Garware ropes
6.	Geotechnical case studies for Infrastructure Projects	Works hop	12/6/2021	National	IGS
7.	Innovative solution for Earth retention structure	webinar	16/10/2020	National	IGS
8.	Vision-Mission-PEO- PSO-PO-CO: Framing, Mapping, Assessment and Attainment	FDP	One week, 10 and 15 June 2019	State	ISTE
9.	Modern Pedagogy and Recent Technological Development	Orient ation Progra mme	One week, 10 and 14 Dec 2018	State	ISTE
10	Dam Rehabilitation — Trends and Practices	Works hop	13-14 Oct 2016	National	CWPRS, Pune
11	Geotechnics for Infrastructure and Foundation Techniques	Confer ence	17 Dec. to 19 Dec. 2015	International	IGS, New Delhi

12	Recent Advances in Rock Mechanics	Workshop	11 Apr. to 13 Apr. 2015	National	COEP
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Contribution as Resource Person

S. No.	Place/ Organization	Topic	Level (National/Int/ State/Regional)	Date
1.	AISSMS COE, Pune	NBA Accreditation & its benefits	-	27 Aug 2021
2.	AISSMS COE, Pune	GATE Examination Coaching with Tips and Tricks in Soil Mechanics	Regional	29 Jan 2021
3.	Dr. D A COE, Karad	Utilization of mineral admixture for improvement of expansive soil	State	08 March 2017
4.	PCCOE, Pune	Geotechnical Practical Practice.	State	09 June 2017

Details of Workshop / STTP / FDP / Conferences Attended

S.N	Title	Type	Duration	Organizer	Sponsoring Agency
1	Emerging Trends in Construction Practice	FDP	One week 03/10/2023 to 07/10/2023	C. K. Pithawala College of Engineering & Technology, Surat	IEI

2	NLP and ChatGPT Applications	FDP	One week 14/8/2023 to 19/8/2023	SECAB Institute of Engineering & Technology	IIC
3	Environmental Engineering & Sustainability - Research, Technologies and Challenges	FDP	One week 02/1/2023 to 06/1/2023	Nitte Meenakshi Institute of Technology, Bengaluru	
4	Current Research Trends in Field of Civil Engineering	FDP	One week 02/1/2023 to 06/1/2023	O P Jindal University, Raigarh	
5	Data Science using Machine Learning	FDP	One week 02/1/2023 to 06/1/2023	Pravara Rural Engineering College, Loni	
6	GIS for Smart City	FDP	One week 12/12/2022 to 16/12/2022	Presidency University Bengaluru, along KSTA	
7	Geotechnical Engineering Practices	FDP	One week 10/10/2022 to 14/10/2022	LBS Institute of Technology for Women, with Indian Geotechnical Society, Thiruvananthapuram	
8	Self-Sustainable Buildings	FDP	One week 12/09/2022 to 16/09/2022	Presidency University Bengaluru, along KSTA	

9	Transforming Teaching Learning Process through Modern Pedagogical Techniques	FDP	One week 08/08/2022 to 13/08/2022	Vidyalankar Polytechnic	
10	Recent Advancements in Sustainable Development through Renewable Energy Systems	FDP	Two week 07/3/2022 to 16/3/2022	Engineering College, Bikaner (Rajasthan).	TEQIP
11	Project Based Learning	STTP/Refresher Program	One week 21/03/2022 to 25/03/2022	AISSMS COE Pune	
12	Geotechnical Aspects of Pile Foundations	STTP	One week 21/03/2022 to 25/03/2022	NITTTR (Kolkatta)	AICTE
13	Machine Learning (With Python)	STTP	One week 08/02/2022 to 12/02/2022	Dr. J. J. Magdum College of Engineering, Jaysingpur	AICTE
14	Experiential learning in Geotechnical Engineering	FDP	one week, 06/12/2021 to 10/12/2021	Visvesvaraya National Institute of Technology	ATAL
15	Design Thinking: Aspirations for Innovations	FDP	one week, 29/11/2021 to 03/12/2021	AISSMS COE Pune	ATAL

16	NBA Accreditation Issues	STTP	One week, 22/11/2021 to 26/11/2021	NITTR, Kolkatta	
17	BRIDGE ENGINEERING By Dr. V. K. Raina	FDP	One week, 09/10/2021 to 13/10/2021	Walchand Institute of Technology, Solapur	AICTE
18	Environment and Sustainability: Need of the Day	FDP	One week, 13/09/2021 to 17/09/2021	Sree Vidyanikethan Engineering College	ATAL
19	Induction programme on Advances in Renewable Energy Technologies	FDP	One week, 25/08/2021 to 31/08/2021	Jodhpur Institute of Technology, Jodhpur	AICTE- ISTE
20	Augmented Reality and Virtual Reality	FDP	One week 21/06/2021 to 25/06/2021	AISSMS COE Pune	ISTE & IE
21	Interactive Teaching Learning Strategies With Affective & Cognitive Approach	FDP	One week 21/06/2021 to 25/06/2021	PVG's COET & GKPIM ,Pune	
22	Disaster Management and Risk Reduction - A Geospatial Approach	STTP	One week 16/06/2021 to 21/06/2021	DACOE, Karad	
23	Deep learning Applications in Cybersecurity for Engineering and Science	STTP	One week 14/06/2021 to 19/06/2021	MIT Academy of Engineering, Alandi (D.), Pune	AICTE

24	Field Practices in Geotechnical Engineering	STTP	One week 14/06/2021 to 18/06/2021	SRM Institute of Science and Technology, Chennai	
25	Energy and Environment Science, Technology and Management for Sustainable Development	FDP	One week 20/05/2021 to 25/05/2021	Dr. D Y Patil, IOT, Pimpri Pune	
26	Data Analytics with Python	STTP	One week 17/05/2021 to 21/05/2021	Sandip Institute of Engineering and Management Nashik,	AICTE
27	Structural Health Monitoring & Retrofitting, Rehabilitation Of Structure	STTP	One week 10/05/2021 to 15/05/2021	P. R. Pote (Patil) College of Engineering & Management, Amravati	ISTE
28	Consultancy in Civil Engineering: Opportunities and Challenges	FDP	One week 10/05/2021 to 14/05/2021	K.B.T. College of Engineering, Nashik	

29	Training for Social Connectedness & Inspiration	FDP	One week 01/05/2021 to 02/05/2021	Vivekananda Educational & Research Institute Faculty of Disability Management and Special Education	*AICTE (ATAL)
30	Improving Excellence in Teaching	Orientation/ Refresher Programme	One week 24/04/2021 to 30/04/2021	Anantrao Pawar College of Engineering & Research, Parvati, Pune, Maharashtra.	AICTE-ISTE
31	Character building through Moral values and Ethices	STTP	One week 05/04/2021 to 10/04/2021	S S Jain Subodh P G College, Jaipur	AICTE
31	Machine learning Techniques for imaging and healthcare with python	FDP	Two week 18/03/2021 to 31/03/2021	Sai Ram Engg. College, Chennai	AICTE
33	Automation and Robotics in Construction (ARC-2021)	Workshop	One week 15/03/2021 to 19/03/2021	Indira Gandhi Institute Of Technology Sarang Dhenkanal, Odisha	TEQIP-III
34	Innovations in concrete Technology	Orientation/ Refersher	One week 12/03/2021 to 18/03/2021	Yashvantrao Bhonsale Polytechnic college Sawantwadi	AICTE-ISTE
35	Society 5.0	EDP	Two week 01/03/2021 to 17/03/2021	Sathyabama Institute of Scince & Tech.	

36	Advances in Renewable Energy Technology	Induction	One week 02/03/2021 to 08/03/2021	Jodhpur Institute of Engg.& Tech	AICTE- ISTE
37	Developing R&D Culture in Educational Institute through Project based learning	STTP	One week 01/03/2021 to 06/03/2021	Poornima COE, Jaipur	AICTE
38.	Challenges and Opportunities in Civil Engineering Infrastructure	STTP	One week 09/02/2021 to 13/02/2021	Indira Gandhi Institute Of Technology Sarang Dhenkanal, Odisha	TEQIP-III
39	Sustainable development in Civil Engineering	FDP	One week 08/02/2021 to 12/02/2021	Madan Mohan Malaviya University, Gorakhpur	TEQIP-III
40	Recent Trends in Renewable Energy Source	FDP	One week 01/02/2021 to 06/02/2021	Rajarshi Shahu Maharaj Polytechnic, Nashik	ISTE
41	Art of rejuvenating the minds of Students to overcome Socio-Economic issues and manage stress	STTP	One week 01/02/2021 to 06/02/2021	Tamilnadu college of Engineering, Coimbatore	AICTE
42	Environmental Geo technology	FDP	One week 04/01/2021 to 08/01/2021	University Institute of Engineering And Technology.	AICTE (ATAL)

43	Advanced Surveying Instruments and Techniques	Orientation/ Refresher Programme	One week 14/12/2020 to 19/12/2020	AISSMS'S Polytechnic, Pune	AICTE-ISTE
44	Strategic Civil Infrastructure	ATAL -FDP	One week 23/11/2020 to 27/11/2020	Visvesvaraya National Institute of Technology, Nagpur	AICTE
45	Advanced Technologies in Water Resources Management	STTP	One week 23/11/2020 to 27/11/2020	Government College of Engineering Aurangabad	TEQIP
46	Disaster Mitigation - A shift from Disaster Management towards Disaster Preparedness	STTP	One week 16/11/2020 to 21/11/2020	B.S.Abdur Rahman Crescent Institute of Science and Technology, Chennai	AICTE
47.	Computational Techniques	STTP	One week 02/11/2020 to 07/11/2020	Sagar Institute of Research and Tech, Bhopal	AICTE
48.	Integrated Waste Management	Refereshar FDP	One week 04/11/2020 to 10/11/2020	Angadi Institute of Technology & Management, Belagavi (Karnataka)	AICTE-ISTE

49.	Advances in Construction Technologies and Sustainable Materials	FDP	One week 20/10/2020 to 24/10/2020	G H Rasoni Institute of Engineering & Technology, Pune	
50	Application of BIM in Performance Assesment of built Environment	STTP	One week 19/10/2020 to 24/10/2020	KIT COE, Kolhapur	AICTE
51	Challenges and Opportunities in Smart City Implementation	STTP	One week 19/10/2020 to 24/10/2020	JSPM's Rajarshi Shahu College of Engineering, Pune	AICTE
52	Disaster Mitigation - A shift from Disaster Management towards Disaster Preparedness	STTP	One week 19/10/2020 to 24/10/2020	B.S.Abdur Rahman Crescent Institute of Science and Technology, Chennai	AICTE
53	Application of BIM in Performance Assessment of Built Environment.	STTP	One week 19/10/2020 to 24/10/2020	KIT;S College of Engineering, Kolhapur	AICTE
54	Safety Engineering	FDP	One week 12/10/2020 to 16/10/2020	J.C. Bose University of Science & Tech Faridabad	TEQIP-III

55	Relevance of Mathematics to Core Engineering Sciences	FDP	One week 12/10/2020 to 16/10/2020	Mahatma Gandhi Institute of Technology, Hyderabad	
56	Geoscience softwares and their applications in field of earth science	Workshop	One week 12/10/2020 to 16/10/2020	PCCOE, Pune	IGS
57	Smart Materials and Structures in Civil Engineering	Seminar	One week 12/10/2020 to 16/10/2020	Institute of Science & Technology	
58	Interactive Design in Geotechnical Engineering: Theory to Practice	Workshop	Two week 24/9/2020 to 02/10/2020	NIT, Suratkal	IGS,IITK
59	Computer Networking & Network Security	STTP	One week 21/9/2020 to 26/9/2020	Bharati Vidyapeeth, COE,Pune,	AICTE under AQIS
60	Fostering an Effective Research Environment and Industrial Collaborations in Engineering Education - Phase III	STTP	One week 21/9/2020 to 26/9/2020	St. Joseph's College of Engineering, Chennai	AICTE
61	Behavioural Practices for Maximum Personal Productivity	STTP	One week 21/9/2020 to 26/9/2020	Government Polytechnic, Nagpur	AICTE
62	Magical Mathematics and Optimization	Workshop	One week 21/9/2020 to 25/9/2020	Vivekananda Institute of Technology, Jaipur	TEQIP-III

63	Developing Research and Development Culture in Industry Institute Interaction Oriented Modern Teaching Learning and Project Based Learning	STTP	One week 14/9/2020 to 19/9/2020	Francis Xavier Engineering College, Tamilnadu	AICTE
64	Artificial Intelligence using Python	FDP	One week 14/9/2020 to 19/9/2020	A.I.S.S.M.S. IOIT,Pune Supported by I.E.T.E. Pune Brainovision Solutions India Pvt.Ltd. & National Youth Council of India	
65	Sustainable Pavement: Current Research and Practices	STTP	One week 11/9/2020 to 15/9/2020	Indira Gandhi Institute Of Technology Sarang Dhenkanal, Odisha	TEQIP-III
66	Outcome based Education	FDP	One week 10/9/2020 to 16/9/2020	Dr. D Y Patil Institute of Tech, Pune	

67	Disaster Mitigation - A shift from Disaster Management towards Disaster Preparedness	STTP	One week 07/9/2020 to 12/9/2020	B.S.Abdur Rahman Crescent Institute of Science and Technology, Chennai	AICTE
68	Safety Engineering	FDP	One week 31/8/2020 to 04/9/2020	J.C. Bose University of Science & Tech YMCA, Faridabad	TEQIP-III
69	Solar Energy Conversion & Storage	FDP	One week 31/08/2020 to 04/9/2020	Poornima Institute of Engineering & Technology, Jaipur	
70	Advanced Surveying and Geo-Informatics	FDP	One week 24/8/2020 to 29/8/2020	Ramaiah Institute of Technology, Bengaluru	AICTE
71	Emerging Trends & Technologies in Data Science	FDP	One week 24/8/2020 to 29/8/2020	GMR Institute of Technology, Rajam, Andhra Pradesh	
72	Fostering an Effective Research Environment and Industrial Collaborations in Engineering Education Phase -II	STTP	One week 24/8/2020 to 29/8/2020	St. Joseph's College of Engineering, Chennai	AICTE

73	Advance Trends In Aquaculture And Aquaponics For Civil Engineers	FDP	One week 24/8/2020 to 28/8/2020	ATS's Sanjay Bhokare Group of Institutes, Miraj	
74	Advanced Data Science & Applications	FDP	Two week 17/8/2020 to 28/8/2020	Malla Reddy Engineering College for Women, Secunderabad	
75	Advance Trends In Aquaculture And Aquaponics For Civil Engineers	Workshop	One week 24/8/2020 to 28/8/2020	Sanjay Bhokare Group of Institutes, Miraj with Dr. Babasaheb Ambedkar Technological University Lonere	
76	Industry 4.0: Role of Soft Computing and Data Science	Webinar	One week 16/8/2020 to 23/8/2020	NIT, Nagpur	
77	NAAC Revised Accreditation Framework - Resolving the Practical Snags	Workshop	One week 10/8/2020 to 14/8/2020	Ghg Khalsa College Of Education Gurusar Sadhar, Ludhiana	UGC-Paramere sh scheme
78	Green Energy for Sustainable Development, Indian Centric Approach	FDP	One week 10/8/2020 to 14/8/2020	Bhalki, School of Engineering Central University of Karnataka, Kalaburagi	

79	Disaster Management Mitigation and Responses	FDP	One week 10/8/2020 to 14/8/2020	Assam Engineering College Jalukbari, Guwahati	TEQIP III
80	Digital Transformation & Pedagogies	National Workshop	One week 10/8/2020 to 14/8/2020	Government College of Engineering, Karad & Walchand College of Engineering, Sangli.	AICTE &TEQIP III
81	Computational Intelligence in Earthquake Resistant Design	STTP	One week 3/8/2020 to 8/8/2020	Prof. Ram Meghe COE&M, Amaravati	
82	Best Practices of ICT Tools in Teaching and Learning	FDP	One week 03/8/2020 to 08/8/2020	Jagadguru Rambhadracharya Divyang University, Chitrakoot	
83	Sustainable Developments In Civil Engineering	FDP	One week 03/8/2020 to 08/8/2020	Vidyavadhaka College of Engineering, Mysore	
84	Research Methodology	FDP	One week 27/7/2020 to 31/7/2020	Malla Reddy Engineering College for Women, Secundarabad	

85	Nano science and Nanotechnology- Current Perspectives	FDP	One week 27/7/2020 to 31/7/2020	G. H. Raison College of Engineering, Nagpur in association with The Institution of Engineers (India), Nagpur	
86	Research Advances In Civil Engineering	FDP	One week 27/7/2020 to 31/7/2020	Jyothy Institute of Technology Tataguni, Bengaluru	
87	Amplifying Proficiency in Advanced Civil Engineering	FDP	One week 27/7/2020 to 31/7/2020	AISSMS IOIT, Pune	
88	Sustainable Concepts in Civil Engineering and Architecture	FDP	One week 21/7/2020 to 25/7/2020	Ramaiah Institute of Technology, Bengaluru.	AICTE
89	Waste Management & its Impact on the Environment	FDP	One week 20/7/2020 to 25/7/2020	G. H. Raison COE, Nagpur.	
90	Research Opportunities in Environmental Engineering	FDP	One week 20/7/2020 to 25/7/2020	Bharati Vidyapeeth COE, Pune & S. B. Patil COE Indapur, Pune.	

91	Sustainability Aspects and Recent Trends in Civil Engineering-The Future Scenario	FDP	One week 14/7/2020 to 18/7/2020	BMS Institute of Technology and Management, & Paradigm Environmental Strategies (P) Ltd, Bengaluru	
92	Sustainable Environment- An Engineering Perspective (SEEP: 2020	FDP	One week 13/7/2020 to 18/7/2020	Assam Engineering College Jalukbari, Guwahati	TEQIP-III
93	Software Application and Research in Civil Engineering	FDP	One week 13/7/2020 to 17/7/2020	A. P. Shah Institute of Technology, Thane	
94	Bridge Engineering: Design, Execution, Maintenances & Rehabilitation	STTP	One week 13/7/2020 to 17/7/2020	SCOE, Pune with IIEB, Pune.	
95	Recent Trends in Management	FDP	One week 13/7/2020 to 19/7/2020	Gates IOT, Ananatapurum , A.P	
96	Employability Skills	Workshop	One week 11/7/2020 to 18/7/2020	NIT, Nagpur	

97	Post Pandemic Scenario Building using AI, ML and Optimization Techniques	FDP	One week 10/7/2020 to 14/7/2020	KDK College of Engineering, Nagpur	
98	Young Thinker's: Innovations and Opportunities	Webinar	One week 9/7/2020 to 13/7/2020	Ujjain Engineering College, Ujjain	TEQIP III
99	Modern Approach in Structural Engineering-2020	FDP	One week 06/7/2020 to 10/7/2020	MGM's Polytechnic, Aurangabad	
100	Advanced Earthquake Engineering	FDP	One week 06/7/2020 to 10/7/2020	IPS Academy, IOES. Indore	TEQIP
101	German Language for Beginners Level-A1	Workshop	One week 29/6/2020 to 04/7/2020	NIT, Nagpur	
102	Advances in Technology and Management for Civil Engineering. (ATMCE)	STTP	Two week 23/6/2020 to 3/7/2020	International, STTP, K. D. K. College of Engineering, Nagpur	
103	Make in India- A Journey Towards Self Reliance	FDP	One week 23/6/2020 to 28/6/2020	Sandip Institute of Engineering and Manegement, Nashik	

104	Effective Usages of Educational Technology in teaching learning process as part of NBA process.	FDP	One week 22/6/2020 to 26/6/2020	M S Ramaiah IOT, Bangloare	
105	Emerging Trends In Civil Engineering	FDP	One week 22/6/2020 to 26/6/2020	A. P. Shah Institute of Technology, Thane	
106	Technology for Infrastructure Planning, Design, Monitoring and Management	FDP	One week 16/6/2020 to 20/6/2020	Nalla Malla Reddy Engg. College, Hydrabad.	
107	Future Materials: Nanocomposites	FDP	One week 15/6/2020 to 21/6/2020	BV COE, Pune	
108	Research in Environmental Engineering and A way Forward	FDP	One week 15/6/2020 to 20/6/2020	PCCOE, Nigdi, With Environment Conservation Association , Pune	
109	Introduction to Outcome Based Education and Enhancing Quality of Teaching Learning Process	FDP	One week 15/6/2020 to 19/6/2020	G W COE & T, Nagpur	

110	Advances in Civil and Structural Engineering	FDP	One week 15/6/2020 to 19/6/2020	GCOEK, GCOE Nagpur	TEQIP
111	Research Methodology: Data Collection Methods, Research Tools and Techniques	FDP	One week 9/6/2020 to 13/6/2020 (40 hours)	AISSMS IOIT, Pune	
112	Stepping Towards Problems and Project Based Learning for Academic Excellence	FDP	One week 9/6/2020 to 13/6/2020	KIT Kolhapur	
113	Exploring the Dimensions of Innovation, Incubation and Emerging Technologies to Embrace Post COVID Changes	FDP	One week 8/6/2020 to 12/6/2020	Finolex Academy of Management & Technology, Ratnagiri	
114	Academic Writing and IPR	Orientation programme	One week 08/6/2020 to 12/6/2020	Sharad Institute of Technology, Polytechnic, Yadav-Ichalkaranji	ISTE
115	Skill Development for Effective Research and Teaching - Learning Process	FDP	One week 8/6/2020 to 12/6/2020	(ANITS), Visakhapatnam	

116	Outcome Based Education And NBA Accreditation Process	STTP	One week 08/6/2020 to 12/6/2020	P. R. Pote (Patil) COE & M, Amravati.	ISTE
117	Internet of Things and application in Industry	STTP	One week 8/6/2020 to 12/6/2020	RA IOT Navi Mumbai MS)	
118	A Smart and Sustainable World in Concrete and Structures	STTP	One week National 4/6/2020 to 08/6/2020	AISSMS College of Engineering, Pune in association with Ultra-Tech Cement Limited, Pune	
119	Advanced Teaching Tools, Techniques and Methodologies for Outcome Based Education	FDP	One week 1/6/2020 to 5/6/2020	AISSMS COE Pune.	ISTE & IEI
120	Innovative Teaching Pedagogy in the Technical Institutions.	FDP	One week 1/6/2020 to 5/6/2020	KABGT COE ,Nashik	
121	Recent Advances in Modelling and Optimization Techniques	FDP	One week 1/6/2020 to 5/6/2020	Sharad Institute of Technology College of Engineering Yadrav- Ichalkaranji	ISTE

122	Glimpses of Concrete Technology on the Field	STTP	One week 1/6/2020 to 5/6/2020	SAE Kondhava (Pune)	
123	Innovation and Up gradation in Infrastructure Technology	STTP	One week 27/5/2020 to 2/6/2020	Terna Engg College.	
124	Sensor, IoT & Machine Learning	STTP	One week 26/5/2020 to 30/5/2020	K. J. Somaiya College of Engineering, Vidyavihar, Mumbai	
125	Advances in Civil Engineering	FDP	One week 26/5/2020 to 30/5/2020	Department of Civil Engineering, Nagpur Institute of Technology. (MS)	
126	Promoting Quality Culture in Technical Institutions	FDP	One week 25/5/2020 to 29/5/2020	Organised by Internal Quality Assurance Cell AISSMS COE,Pune	UGC Paramars h Scheme'.
127	Infrastructure Development: Possibilities and Challenges Ahead	STTP	One week 25/5/2020 to 29/5/2020	New Horizon Institute of Technology and Management Thane.(MS)	

128	National FDP on Artificial Intelligence	FDP	One week 22/5/2020 to 26/5/2020	A N Institute of Technology & Sciences with Brain O Vision & National Youth Council of India. Vishakapattanam (AP).	
129	Outcome Based Education: A Step towards Excellence	FDP	One week 11/5/2020 to 15/5/2020	Government COE, Karad.(MS)	AICTE-Margdarsan Scheme
130	Open FOAM	FDP	One week 28/4/2020 to 04/5/2020	Spoken Tutorial AISSMS COE Pune.(MS)	IIT Bombay, MHRD,
131	NBA Accreditation and Teaching – Learning in Engineering (NATE)	FDP	(1.5 week), Jan to Apr.2020 (12 Weeks)	(IIT) Madras	NPTEL-AICTE
132	Vision-Mission-PEO-PSO-PO-CO: Framing, Mapping, Assessment and Attainment	FDP	10-15 June 2019	AISSMS College of Engg, Pune	ISTE
133	Modern Pedagogy and Recent Technological	Orientation Programme	One week 10 and 14	AISSMS College of	ISTE & IE(I)

	Development		Dec. 2018.	Engg, Pune	
134	Unsaturated Soil Mechanics	FDP	(1.5 week), July Oct.2018 (12 Weeks).	(IIT) Madras	NPTEL- AICTE
135	Geotechnical Engineering Laboratory	FDP	July to Aug.2017 (04 Weeks)	(IIT) Bombay	NPTEL- AICTE
136	Geotechnics for Infrastructure and Foundation Techniques	International Conference	17 Dec. to 19 Dec. 2015	COEP, Pune	IGS (New Delhi)
137	Advances in Geotechnical Engineering	STTP	One week 11 May. to 15 May 2015	(IIT) Bombay	AICTE - QIP
138	Geotechnics for Inclusive Development of India	International Conference	18 Dec. to 20 Dec. 2014	JNTU, Kakinada (AP).	IGS (New Delhi)

NPTEL COURSE COMPLETED

Sl. No.	Name of Course
1.	Geology and Soil Mechanics (Jan-April 2023) (12 week)
2.	Subsurface Exploration: Importance and Techniques Involved (Jul-Sep 2022) (08 week)
3.	NBA Accreditation & Teaching-Learning in Engineering (NATE) (Jan-April 2020) (12 week)
4	Unsaturated Soil Mechanics (Jul-Oct 2018) (12 week)
5	Geotechnical Engineering Laboratory (Jul-Aug 2017) (4 week)

Major Professional Responsibilities Handled

Sl. No.	Role and Responsibilities
1.	'Treasurer'- Indian Geotechnical Society, New Delhi. (Pune Chapter) since 2012.
2.	'Treasurer'- 50 th Indian Geotechnical Conference (IGC 2015), at COEP.
3.	Member – LIC and Staff Selection Committee Engineering (SPPU Pune)
4.	NBA Coordinator – Department of civil Engineering
5.	Expert Member- Unnat Bharat Abhiyan Committee (Institute level)
6.	Member –Institute Image Building Committee
7.	Coordinator – Competitive Exam cell (Institute level)
8.	Coordinator – Aadhar Linking Biometric student Attendance system
9.	In charge – Geotechnical Engineering Lab
10.	Coordinator- Student activates and development
11.	Member – Sport and Cultural Committee
12.	Member – Student welfare Committee
13.	Chairman – Geotechnical Engineering, Subject SPPU Pune
14.	Senior Supervisor- Pune University Theory Exam
15.	Coordinator - Farewell function of Final year students
16.	Coordinator -Students Activities & Alumina Association of department (14Years).
17.	Member of College Level Committee for “Earn & Learn Scheme” run by University of Pune.(4 Years)
18.	Chairman – ME (Civil –Geotechnical Engineering) Geo-envoiment Engg, SPPU Pune
19.	Member – Faculty Development Program (FDP) Committee (2017, 2018).
20.	Coordinator – (CITP) Training and placement Department (5 Years)
21.	Coordinator - Poster Presentation Civil Post Graduate Conference (2016).
22.	Chairman – stock verification of various Department
23.	Chairman – Various committee of Shivanjali (Cultural event)
24.	Overall Coordinator – AISSMSCOE “Engineering Today”, National Level Technical Event (2011 & 2012)
25.	Coordinator – (ARC) AISSMSCOE Centre, Organized by DTE Mumbai (2010).

26.	Chief Test Administrator (CTA) – MBA and MCA Entrance test Organized by DTE Mumbai (2008).
27.	Coordinator - Indian Concrete Institute News Letter (Pune Centre) published by ICI Pune Chapter (2004 to 2008).
28.	Coordinator - Time Table of Department (5 Years).
29.	Member FE Admission Committee. (5 Years)
30.	Member Industry Institute Interaction Cell. (2 Years)
31.	Member of Academic Calendar committee (2 Years)
32.	Naac coordinator – Criteria 3 (Since 2017).
33.	Founder Faculty Advisor - Civil Engg Students Association (2002)

Awards Received

Sl. No.	Awards
1.	As a 'Treasurer' IGS-AIMIL Best Local Chapter in India award to IGS Pune Chapter in recognition of outstanding overall performance during 2021.
2.	Indo- Asian best researcher Award 2021 – Geotechnical Engg
3.	1 st Topper in Government Polytechnic, Karad & all over Maharashtra 18 th Rank

Declaration: I hereby declare that all the statement made above are correct to the best of my knowledge and belief.

30 Nov 2023

Dr. R D Nalawade