

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

Staff Profile

Personal Information			
Name of Teaching Staff: Dr. Nitin Shankarrao Naik			
Designation: Associate Professor			
Department : Structural Engineering			
Date of joining : 01/09/2001			
E Mail ID :		naiknitinst@sanjivani.org.in	
Contact No:		9960757472	
Education Details			
Qualification	Specialization with Class or Grade	University	Year
UG	Civil Engg. First Class	Pune University	1995
PG	Structural Engg. First Class	Pune University	2008
Ph.D	-----	SPPU Pune University	2020
Total experience in years:			
Teaching:	30 Years		
Industry:	2.5 Years		
Research and Publications			
<div style="margin-bottom: 10px;">1. Naik, N S, Naik, U P, Use of Cement, Fly Ash and Phospho-Gypsum for Low Cost Housing, <i>New Building Materials and Concrete Works</i>, Vol.16(9),2011, ISSN0973-0591. (https://www.nbmcw.com/nbmcw-archives.html?start=120)</div> <div>2. Bahadure, B M, Naik, N S, Effect of Alkaline Activator on Workability and Compressive Strength of Cement Concrete with RHA, <i>Int. Jr. Computational Engineering and Research</i> , Vol.3 (5), 2013, ISSN 2250-3005.</div>			

(http://www.ijceronline.com/papers/Vol3_issue5/Part.3/C0253015020.pdf)

3. Naik, N S, Jejurkar, C L, Strength and Durability of *Fly Ash, Cement and Gypsum Bricks*, Int. Jr. Computational Engineering and Research, Vol.4 (5), 2013,ISSN 2250-3005.(http://www.ijceronline.com/papers/Vol4_issue05/version-2/A04502001004.pdf)
4. Sayyad, A S and Naik, N S, Bending Analysis of Laminated Composite and Sandwich Beams according to Refined Trigonometric Beam Theory, *Curved and Layered Structures, De Gruyter Open Access Jr.*, (2), 2015. (<https://www.degruyter.com/document/doi/10.1515/cls-2015-0015/html>).
5. Ghumare, S M , Sayyad, A S, Shinde, B M, Naik N S, Cylindrical Bending of Laminated Composite Plates using Refined Shear Deformation Theory, *Journal of Applied and Experimental Mechanics* Vol. 1 (1), 2015. (<https://www.researchgate.net/Profile/Bharti-Shinde/publication/275965606>).
6. Naik, N S, , Sayyad, A S, Shinde, B M, Ghumare, S M, Behaviour of Brick Masonry Prism with Wire Mesh Confinement under Compression, Jr. of Concrete Technology, Vol.1(1),2015. (https://www.researchgate.net/publication/284593768_Behavior_of_Brick_Masonry_Prism_with_Wire_Mesh_Confinement_under_Compression).
7. Naik, N S and Sayyad, A S, 1D Analysis of Laminated Composite and Sandwich Plates using a New Fifth-Order Plate Theory, *Latin American Journal of Solids and Structures*, Vol.15(1), 2018. (<https://www.scielo.br/j/lajss/a/pcPr4wgGD345zMC66w8DT9c/?lang=en>).
8. Naik, N S and Sayyad, A S, 2D Analysis of Composite Laminates using Fifth-Order Shear and Normal Deformation Theory, *Latin American Journal of Solids and Structures*, Vol.15(9),2018. (<https://www.scielo.br/j/lajss/a/sSFptCKCRBvjsFYn8SHF3GF/?lang=en>).
9. Naik, N S and Sayyad, A S, An accurate computational model for thermal analysis of laminated composite and sandwich plates, *Journal of Thermal Stresses*, Vol. 42(5),2019.(<https://www.tandfonline.com/doi/abs/10.1080/01495739.2018.1522986?journalCode=uths20>)

10. Naik, N S and Sayyad, A S, 1D Thermal analysis of laminated composite and sandwich plates using a new fifth order shear and normal deformation theory, *Materials Today: Proceeding*, 21(2), 2021. (<https://www.sciencedirect.com/Science/article/pii/S221478532030047X>).
11. Sayyad, A S and Naik N S, New Displacement Model for Accurate Prediction of Transverse Shear Stresses in Laminated and Sandwich Rectangular Plates, *ASCE Journal of Aerospace Engineering*, ASCE, ISSN 0893-1321, 2019. (<https://ascelibrary.org/doi/abs/10.1061/%28ASCE%29AS.1943-525.0001074>)
12. Naik, N S and Sayyad, A S, Analysis of Laminated Plates Subjected to Mechanical and Hygrothermal Environmental Loads Using Fifth-Order Shear and Normal Deformation Theory, *International Journal of Applied Mechanics* ,12(3), 2020. (<https://www.worldscientific.com/doi/abs/10.1142/S1758825120500283>)
13. Naik, N S and Sayyad, A S, Higher-Order Displacement Model for Laminated and Sandwich Infinite Plates Subjected to Hygrothermal Environmental Loads, *Mechanics of Advanced Composites*, 8(1), 2020. (https://macs.semnan.ac.ir/Article_4549_25ce0d5c002359d7603352e82bdfd796.pdf).

Papers presented in conferences:

1. Purkar, M S, and Naik, N S, CBR Correlation with Properties of Soil, *National Conference on Recent Advances in Geo-technical Engineering and rock Mechanics*, D.Y. Patil College of Engineering, Pune, 25-26 August 2007.
2. Naik, N S and Naik, U P, Use of fal-g in civil engineering, *Sanjivani Vision-08*, SRES College of Engineering, Kopargaon, 8-9 August 2008.
3. Naik, N S and Naik, U P , Use Of Cement, Fly Ash And Gypsum- An Alternative Material For Low Cost Housing, *National Seminar on Civil Engineering Practices for Sustainable Development. C.M.E. Pune*, 5-6 May 2010.
4. Naik, N S and Jejurkar, C L, Pond Ash As Fine Aggregates For Concrete, *National Conference-Civil Engineering for Infra-structural Development*, Anand (Gujrath) 12/08/2010.
5. Naik, N S , Use of Pond Ash as Fine Aggregate in Concrete, *National Conference-*

<p><i>Civil Engineering for Infra-structural Development</i>, D.Y. Patil College of Engineering, Pune, 31/08/2010.</p> <p>6. Naik, N S, Fly Ash, Cement and P.G. Bricks (Alternative to Conventional Bricks), <i>International Conference iCOST</i>, SSVPS College of Engineering, Dhule, 14/01/2011.</p> <p>7. Jejurkar, C L, and Naik N S, Seepage through a Body of Dam, An ANN Approach, <i>National Conference of Eng. Surveillance for Natural Resource Management</i>, NMU, Jalgaon, 09-10 Jan. 2012.</p> <p>8. Naik, N S and Sayyad, A S, 2D Analysis of Composite Laminates using Fifth-Order Shear and Normal Deformation Theory, <i>International Conference on Advances in Concrete, Structural and Geotechnical Engineering, Book Chapter</i>, BIT, Pilani, 84, pp. 437-442, 2018.</p> <p>9. Naik, N S and Sayyad, A S, 1D Thermal Analysis of Laminated Composite and Sandwich Plates using A New Fifth Order Shear and Normal Deformation Theory, <i>International Conference on Recent Advances in Composite Materials</i>, IIT Varanasi, 2019.</p> <p>10. Naik, N S and Sayyad, A S, Effect of thickness stretching on the natural frequencies of layered composite beams, <i>International Conference on Sustainable Development in Civil and Electrical Engineering</i>, NIT Kurushketra, December, 17-19. 2021.</p>	
Research Profile URL	
Google Scholar	https://scholar.google.co.in/citations?user=ESSFJh8AAAAJ&hl=en
Scopus	https://www.scopus.com/authid/detail.uri?authorId=57203885201
Orcid	http://www.orcid.org/0000-0002-5302-5581
Other Research Details	
Ph D Guide ?Give field & University:	No
Ph Ds/ Projects Guided:	NIL
Books Published	1 Book chapter published
IPRs/Patents	Nil

Professional Memberships:	ISTE Membership-26883, Indian Society for Rock Mechanics and Tunnel Technology: Membership-1598 Institute of Engineers (India): Membership- M-162801-6		
Interaction with professional institutions	--		
Consultancy Activities			
Duration	Title of Activity	Issued Organization	Amount
One Year	Mix Design for I.R.	Indian Railway	70000/-
Grants fetched			
Duration	Title	Issued Organization	Amount
2013-14	Experimental Investigation on Reinforced Geopolymer Deep Beam	BCUD, SPPU Pune	1.4 Lakh
Awards			
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FACULTY DEVELOPMENT PROGRAMMES ATTENDED			
Name of the FDP / Workshop	Organization	Duration	Month-Year
1. National Conference on Recent Advances in Geo-technical Engineering and rock Mechanics, 25-26 August 2007.	D.Y. Patil College of Engineering, Pune	02 days	August 2007.
2. Sanjivani Vision-08., Kopargaon, 8-9 August 2008.	SRES College of Engineering	02 days	August 2008.
3. National Conference- Civil Engineering for Infra-structural Development.	D.Y. Patil College of Engineering, Pune	01day	August 2010
4. International Conference iCOST.	SSVPS College of Engineering, Dhule.	01 day	January 2011.
5. International	BIT Pilani (Rajasthan)	05 days	February 2018.

Conference on Advances in Concrete, Structural and Geotechnical Engineering.			
6. International Conference on Recent Advances in Composite Materials, IIT Varanasi, 2019.	IIT Varanasi (Banaras Hindu University)	05 days	February 2019.
7. Two days refresher course on Beams and Plates.	G. H. Raison College of Engineering, Pune	02 days	2 nd and 3 rd May 2020
8. Faculty Development Program on ICT tools for online teaching.	Sanjivani College of Engineering, Kopergaon.	01 day	26 th May 2020.
9. Five Days FDP on Consultancy in Civil engineering Opportunities and Challenges.	NDMVP College of Engineering, Nashik	05 days	10-14 th May 2020.
10. AICTE approved refresher course on "Improving Excellence in Teaching"	Anantrao Pawar College of Engineering and Research, Pune	07 days	24 th to 30 th 2021.
11. Strategies to improve R &D activities in Engineering Institutes.	Sanjivani College of Engineering, Kopergaon.	One week	27 th Nov. to 1 st Oct. 2021.
12. One day FDP on role of NEP in Nation Building.	V.I.T. Nagpur	One day	26 th March 2021.
13. Syllabus orientation workshop for SE Civil.	Sinhgad College of Engineering and SPPU Pune.	05 days	22 nd to 26 th June 2020.
14. STTP on Patenting for Innovations.	Sanjivani College of Engineering, Kopergaon.	05 days	25 th to 29 th May 2020.
15. One day workshop on scholarly Journals: The Basics	SPPU, Pune (Center for Publication Ethics)	01 day	7 th April 2021.

16. Five days FDP on Inculcating UHV in technical education.	AICTE, New Delhi.	05 days	13 th to 17 th Sept. 2021
17. Five Days Faculty Development Program on "Consultancy in Civil Engineering: Opportunities and Challenges"	NDMVP College of Engineering, Nasik	05 days	10-14 May 2021
18. One week faculty development program on Advances in concrete construction and techniques.	NDMVP College of Engineering, Nasik	One week	10-15 August 2021
19. One week refresher course on Improving excellence in teaching.	A. B. Pawar college of engineering, Pune	One week	24 -30 April 2021
20. One Week FDP through online mode on "Strategies to Improve R & D Activities in Engineering institutes"	Sanjivani College of Engineering, Kopergaon.	One week	27 Sept to 1 Oct. 2021.
21. One Week Online Faculty Development Programme on Emerging Sustainable Practices in Civil Engineering from	Amity University, Gwalior	One week	03 Aug. to 09 Aug. 2022,
22. Five days FDP on Current trends in field of Civil engineering	OP Jindal University, Raigarh	05 Days	16-20 Jan. 2023
23. One week FDP on Outcome Based Curriculum in Engineering Education	NITTTR, Chennai	One week	23-25 May 2023

24. One Week Faculty Development Program on "Effective Drafting of Research Paper and IPR"	D.Y. Patil COE Pune	One week	15-23 Dec. 2023
25. I.P. Awareness Training programme.	NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION	One day	January 20, 2024
26. FDP on ' Counselling for Student Development '	NITTTR, Chennai	20 hours. 5 Days	16-20 Jan. 2024
27. 03 days FDP on Research paper writing and I.P. rights.	A.G. Patil Institute of technology, Solapur.	03 days	18-20 Jan 2024
28. Advanced Material and Techniques for strengthening and repairing of concrete structures.	R.V.R. College of Engineering, Guntur	One week	23-27 Sept. 2024
29. AICTE Training And Learning (ATAL) Academy Faculty Development Program on Innovative material and construction technologies for sustainable construction practices	MET'S INSTITUTE OF ENGINEERING	One week	23-28 Dec. 2024
30. One Week Faculty Development Program on "Strengthening and Rehabilitation of RCC Elements for Sustainable Infrastructure"	R. H. Sapat College of Engineering, Management Studies and Research Nashik and University of Visvesvaraya College of Engineering (UVCE), Bengaluru,	One week	25th – 29th November 2024.

FACULTY DEVELOPMENT PROGRAMMES ORGANIZED

Name of the FDP / Workshop	Organization	Duration	Month-Year	Capacity
1. Strategies to improve R &D activities in Engineering Institutes.	Sanjivani College of Engineering, Kopergaon.	One Week	27th Nov. to 1st Oct. 2021.	150
INVITED LECTURES IN CONFERENCE/SEMINAR				
Title of Lecture/ Academic Session	Title of Conference/ Seminar etc.	Organized By		
Conduction of Practical of Strength of Materials in online mode.	Syllabus orientation workshop for SE Civil	Sinhgad College of Engineering and SPPU Pune.		

OTHER Professional URLs	
Personal Website	---
Linked In Profile	---
GitHub URL	---
YouTube Channel	https://www.youtube.com/channel/UCXZNHPMoihtoik4ZSJ3NyxQ
Other	---

Any Other: