

## Dr. Nisha Radhakrishnan

### *Significant Outreach Activity*

Sl. No.	Name of the activity	Year	Given By	Role
1.	Doctoral Committee Member - Mr. N.H.RIYAZ KHAN	2021	Vellore Institute of Technology (VIT)	Doctoral Committee Member
2.	Present Status and Historical Changes of Urban Green Space in Dhaka City, Bangladesh: A Remote Sensing Driven Approach	04.09.2021	Environmental Challenges	Reviewer
3.	Advisory Committee & Technical Committee Member - 2 <sup>nd</sup> INTERNATIONAL CONFERENCE ON SUSTAINABLE CONSTRUCTION TECHNOLOGIES & ADVANCEMENTS IN CIVIL ENGINEERING, ScTACE 2021	14 <sup>th</sup> October 2021 – 16 <sup>th</sup> October 2021	Department of Civil Engineering, SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN, Andhra Pradesh	Advisory Committee & Technical Committee Member
4.	Advanced Surveying Tools in Civil Engineering	12 <sup>th</sup> August 2021	Department of Civil Engineering & IEEE Civil Chapter of Sri Sairam Engineering College, Chennai	Chief Guest & Invited Speaker
5.	Co-Chair for Technical Session “Transportation Planning” on 8th International Conference on Transportation Systems Engineering and Management (CTSEM 2021)	August 26, 2021	8th International Conference on Transportation Systems Engineering and Management (CTSEM 2021) Organized by Centre for Transportation Research (CTR), National Institute of Technology Calicut	Co-Chair
6.	Advanced Surveying Techniques – EDM, Total Station, Photogrammetry	June 19 <sup>th</sup> , 2021	AICTE-ISTE Sponsored Faculty Refresher Program Schedule Title: Advanced Surveying Instruments and Techniques 16 <sup>th</sup> June – 22 <sup>nd</sup> June 2021 AISSMS Polytechnic Centre of Excellence, Pune	Invited Speaker
7.	Chair for Technical Session for virtual International Conference on Innovative Trends in Hydrological and	28 <sup>th</sup> April 2021	Water & Environment Division, Department of Civil Engineering, NIT Warangal	Chair

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	Environmental Systems ITHES 2021		April 28-30, 2021	
8.	Member of Board of studies Meeting for Dept of Civil Engineering	26.02.2021	Department of Civil Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College, Avadi - Vel Tech Road, Avadi, Chennai-600062	BOS External Member
9.	Internship Drive powered by alumni	2020 – 21	30 internship offers from 15 companies	Coordinator as Associate Dean (AR)
10.	Practical Guide to Combat Cyber Crimes	16 <sup>th</sup> February 2021	Dr. Varun Kumar, IPS, Additional Director General of Police, MP, Batch of 1989	Coordinator as Associate Dean (AR)
11.	Reviewer for the 7th Conference on “Transportation Systems Engineering & Management” (CTSEM 2020)	December 2020	KSCTE-NATPAC and TRC-CET	Reviewer
12.	Technical Committee Member – 7 <sup>th</sup> CTSEM 2020 Conference on Transportation Systems Engineering and Management	29.12.2020	KSCSTE-NATPAC & College of Engineering, Trivandrum	Technical Member
13.	PhD Programme Viva Voce Examination of Mr.R.Chandrasekaran	21.12.2020	Centre for Research ANNA UNIVERSITY, Chennai	External Examiner
14.	Application of Advanced Surveying Tools in Civil Engineering	17 <sup>th</sup> December 2020	AICTE SPONSORED One Week National Level Online STTP on Capacity Building and Training on “Geospatial Technologies” (CBTGT-2020) Department of Civil Engineering SRKR Engineering College, Bhimavaram, AP, India 14 <sup>th</sup> – 18 <sup>th</sup> Dec. 2020	Invited Speaker
15.	Launch of Website for 6 <sup>th</sup> CTRG Conference	25.11.2020	CTRG – TRG India	Coordinator
16.	Design and Development of MEMS based Sensor to System for Earthquake Early Warning System – SERB Project Review	19.11.2020	Science and Engineering Research Board	Reviewer
17.	Advance Terrain Inspection and	19.11.2020	Science and	Reviewer

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	Mapping Technology for Actionable Spatial Data using UAV/Drones – SERB Project Review		Engineering Research Board	
18.	PANEL DISCUSSION ON HIGHER EDUCATION ABROAD	31 October 2020, 6.15 PM	Shivang pathak (2013, Civil engineering), Soundarya Balasubramani (2017, Chemical Engineering), Anirudh Raghu Prakash (2019, Mechanical Engineering), Rohini Muthuvelan (2014, EEE), Arvind krishna Sridhar (2019, CSE)	Coordinator as Associate Dean (AR)
19.	Advisory Committee & Technical Committee Member - 2020 NATIONAL VIRTUAL CONFERENCE on SUSTAINABLE CONSTRUCTION TECHNOLOGIES & ADVANCEMENTS IN CIVIL ENGINEERING, ScTACE 2020	9 <sup>th</sup> October 2020 – 10 <sup>th</sup> October 2020	Department of Civil Engineering, SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN, Andhra Pradesh	Advisory Committee & Technical Committee Memberd
20.	TECHNICAL CORE COMMITTEE 2020 NATIONAL VIRTUAL CONFERENCE SUSTAINABLE CONSTRUCTION TECHNOLOGIES & ADVANCEMENTS IN CIVIL ENGINEERING	9 <sup>th</sup> October 2020	SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN, Andhra Pradesh	Technical Member
21.	IEIA-D-20-00301R1 "DEVELOPMENT OF AN ALGORITHM FOR BUS ROUTING AND TRACKING FOR AN EDUCATIONAL INSTITUTION: A CASE STUDY" Reviewer	21.09.2020	Journal of The Institution of Engineers (India): Series A	Reviewer
22.	On-hand Practical Session on "Introduction to GIS" – Two Sessions/Day of 1.30 hrs per session - One week online short term training program on "Soft Computing Techniques in Civil Engineering: Structures, Geotechnical, Remote Sensing and Transportation Applications" Sept 7th to 12th Sep, 2020	9th Sep, 2020	SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN, Andhra Pradesh	Speaker
23.	Alumnicast Series#3	August 30 <sup>th</sup> , 2020	Dr. Umaphy, Former Dean (R&C) & Mr. Anirban Ghosh, VP, Shapoorji Pallonji Real	Coordinator as Associate Dean (AR)

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24.	Introduction to GPS	17.08.2020	AICTE funded STTP on Basic of Remotes Sensing, Geographical Information System (GIS), and Global Navigation Satellite System (GNSS) (Phase-1) in the month of August 2020 Department of Civil Engineering, Francis Xavier Engineering College, Vanarpettai, Tirunelveli- 627003	Speaker
25.	Alumnicast Series#2	July 26 <sup>th</sup> , 2020	Dr. Anantharaman, Former Professor, Dept of Chemical Engg & Mr. Suman Mishra, CTO, 3ev Industries	Coordinator as Associate Dean (AR)
26.	Online Crash Course #1 Guerilla Marketing for the 21st century	July 4th and July 11 <sup>th</sup> , 2020	Mr. Richard Sekar, President and CEO at Liteband communications, 1983 Production Engineering	Coordinator as Associate Dean (AR)
27.	APPLICATIONS OF ADVANCED SURVEYING TOOLS IN CIVIL ENGINEERING-CASE STUDIES	23.06.2020	SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN ONE WEEK SHORT TERM TRAINING AND FACULTY DEVELOPMENT PROGRAM On Recent Advancements in Civil Engineering: Challenges and Future Perspectives- PART II 22 JUNE-27 JUNE,2020	Invited Speaker
28.	Automotive Industry : Technological Advancements and Future trends	20 June 2020, 7.30 PM	Mr. Pradeep Jaiswal, Ford motor company, 1996 Mechanical	Coordinator as Associate

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	Industry Outlook Post Covid		Engineering	Dean (AR)
29.	Innovating and succeeding in chaos	17 June 2020, 8.00 PM	Mr. Richard Sekar, President and CEO at Liteband communications, 1983 Production Engineering	Coordinator as Associate Dean (AR)
30.	The Cloud and Automation - Future skills for tomorrow's world	12 June 2020, 4.30 PM	Mr. K.S. Ganesan, Cognizant, 1987 ECE	Coordinator as Associate Dean (AR)
31.	Importance of time and Money in Engineering	9 June 2020, 9.00 PM	Mr. Ravi Bhakthavachalam, Scheduling Consultant Premier Projects Planners, 1990 Civil Engineering	Coordinator as Associate Dean (AR)
32.	Alumnicast Series#1	June 7 <sup>th</sup> , 2020	Dr. Mini Shaji Thomas, Director NIT Trichy & Mr. Shiv Kayal, CEO, Globe Conscience, Inc.	Coordinator as Associate Dean (AR)
33.	Project Advisory Group - Utilization of Geoinformatics Tools for development of Comprehensive road network for Kerala State being carried out by our Scientist Shri. Saran M S	20.05.2020	KSCSTE-NATPAC, Government of Kerala	Project Mentor
34.	Modern Surveying Techniques in Civil Engineering - Field Applications & Case Studies – Panelist	May 20, 2020	KHRI Webinar Series Organised by Kerala Highway Research Institute (KHRI) Public Works Department (PWD), Govt. of Kerala in association with IIT Madras, Chennai	Panelist
35.	Leading through the post pandemic world impact, challenges and implications	22 May 2020, 9.15 PM	Mr. Raja Renganathan, 1990 Electronics and Communications Engineering(ECE), Vice president and Global head - Cloud Services	Coordinator as Associate Dean (AR)
36.	Map your Destiny	13 May 2020, 2.30 PM	Mr. M. Manikandam, 2008 MBA(NIT Trichy)	Coordinator as Associate Dean (AR)
37.	Redefining career opportunities	11 May 2020, 2.30	Mr. Sushil Chowdary,1997	Coordinator as

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		PM	Founder and CEO, Picture time	Associate Dean (AR)
38.	# BCG-2018-0010 entitled "Integration System, Analysis and Representation of Geodetic, Geological and Safety Instrumentation Information, applied to the Monitoring of Anthropic Structures." Reviewer	18.03.2020	Boletim de Ciências Geodésicas	Reviewer
39.	Surveying I & II Question Paper Audit	11.03.2020	School of Civil Engineering, SASTRA Deemed University, Thanjavur -613402	External Member
40.	Member of Advisory/Review Committee for International Conference on Sustainable Innovations in Civil and Mechanical Engineering (ICSICME- 2020)	02.01.2020	SKN Sinhgad College of Engineering, Korti, Pandharpur-413304, Maharashtra	Reviewer
41.	One-day outbound Workshop on "Supporting Student Learning & Well-Being- Crafting the New Millennial"	24 <sup>th</sup> September 2019	National Institute of Technology Tiruchirappalli	Participant
42.	Board of Studies Member – Department of Civil Engineering, Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College, Chennai	06.07.2019	Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College, Chennai	External Member
43.	Evaluation and Conduct of Viva-voce Examination of M.Tech.(Civil -- Traffic and Transportation Planning) Theses	04-07-2019	Department of Civil Engineering, NIT Calicut	External Examiner
44.	AICTE Margdarshan Scheme – Mentorship for Antony Vimal P from St. Xaviers Catholic College of Engineering, Nagercoil	27.05.2019	AICTE Margdarshan Scheme	Mentor
45.	Mentoring the students on how to go about with Group Discussions and Interviews, through one to one Interaction by Mr. S. K. Sampath, Mech. Engg. alumnus of 1974 REC Batch	23 – 24 <sup>th</sup> , January 2019	Mr. S. K. Sampath, Mech. Engg. alumnus of 1974 REC Batch	Coordinator as Associate Dean (AR)
46.	Comprehensive Viva Voce Examination - Mr. VIGNESHVYARAN S	19 <sup>th</sup> October 2018	Vellore Institute of Technology (VIT)	External Examiner & Doctoral Committee Member
47.	Reviewer for Paper 6th Annual International Conference	2018-05-14 to 2018-05-	ACE 2018, Singapore	Reviewer

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	on Architecture and Civil Engineering	15		
48.	NASA-D-17-00194R1 "The Outer Connected Geodetic Number of a Graph" Reviewer	04.02.2018	Proceedings of the National Academy of Sciences, India Section A: Physical Sciences	Reviewer
49.	Doctoral Committee Member for Mr. M. Vishweshwaran	2018	School of Civil Engineering, SASTRA	Doctoral Committee member
50.	Doctoral Committee member for Mr. Vigneshwaran S.	2017	Vellore Institute of Technology (VIT)	Doctoral Committee member
51.	Geospatial Applications in Urban Planning	2017	STTP Programme of AICTE QIP Course On "Geospatial Technology In Civil Engineering", V.J.T.I., Mumbai	Invited Speaker
52.	Geospatial Applications in Transportation Engineering	2017	STTP Programme of AICTE QIP Course On "Geospatial Technology In Civil Engineering", V.J.T.I., Mumbai	Invited Speaker
53.	Advancements in Global Positioning System	2017	Department of Civil Engineering, College of Engineering, Trivandrum, Kerala	Invited Speaker
54.	Doctoral Committee for Shr. N. Nasir	2016	School of Civil Engineering, SASTRA University	Doctoral Committee member
55.	Doctoral Committee for Shr. G. Siva	2016	School of Civil Engineering, SASTRA University	Doctoral Committee member
56.	Advanced Surveying Techniques – Speaker and Chief Guest	2015	One day Workshop on "Advanced Surveying Techniques", Department of Civil Engineering, TRP Engineering College, Tiruchirappalli	Invited Speaker
57.	Application of GIS and Remote Sensing in Urban Planning	2013	Short Term Training Programme, "Innovative Techniques and Practices in Building Technology", Department of Civil Engineering, Government Engineering College, Barton Hill, Thiruvananthapuram	Invited Speaker
58.	Application of GPS in Deformation Monitoring	2012	Summer Training Programme on	Invited Speaker

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			“Geospatial Technologies and Applications, Dept. of Geography, Bharathidasan University, Trichy	
59.	Introduction to Surveying	2012	Department of Civil Engineering, Oxford College of Engineering, Tiruchirappalli	Invited Speaker
60.	Remote Sensing	2012	Department of Civil Engineering, Oxford College of Engineering, Tiruchirappalli	Invited Speaker
61.	Advanced Surveying Techniques	2011	Oxford College of Engineering, Tiruchirappalli	Invited Speaker
62.	Global Positioning System and its application	2009	Institution of Engineers (India), Tiruchirappalli Local Centre	Invited Speaker
			<b><i>Total Credit Points (Exhaustible)</i></b>	