

FACULTY PROFILE

Name: RADHIKA NAIR NJ	Address: KALLIYIL, ARWA 51 KURIYATHY, MANACAUD PO THIRUVANANTHAPURAM 9
Designation: ASSISTANT PROFESSOR	Email: radhikanairnj@lbscek.ac.in
Department: CIVIL ENGINEERING	Mobile: 8547720396
ACADEMIC QUALIFICATIONS	
Doctoral (<i>Institute, year, Subject</i>)	Currently pursuing PhD at NITK Surathkal
P.G.	MTech IIT Madras, 2010, Applied Mechanics,
U.G.	BTech, NITK Surathkal, 2007, Civil Engineering
AREA OF INTEREST Structural Dynamics, Earthquake Engineering, Structural Health Monitoring, Corrosion of steel in RCC	
WORK EXPERIENCE	
Teaching (<i>Period, position, Organization</i>)	Jan 2020 to present Assistant Professor LBSCE Kasaragod July 2014 - Jan, 2020 Assistant Professor LBSITW Trivandrum May 2012 - July, 2014 Assistant Professor LBSCE Kasaragod
Industry	Jun 2007 to July 2008 Associate Software Engineer Accenture Services Ltd, Bangalore

Others	August 2011 to May 2012 Senior Research Fellow at Indian Institute of Science, Bangalore
RECENTLY TAUGHT COURSES Structural Analysis I, II & III, Design of Concrete Structures I & II, Engineering Mechanics, Computer Aided Civil Engg Lab, Concrete Lab, CAD Lab Geotechnical Engineering, Design of Steel Structures, Repair and Rehabilitation of Structures	
OTHER RESPONSIBILITIES: Group Tutor 2020-24 batch Dept Accreditation Coordinator Member, CGPU	
PUBLICATIONS (LATEST)	
Peer Reviewed National Conferences	Publications in Journals: <ol style="list-style-type: none"> 1. Ayswarya K.S, Ann Maria Johnson, Chaithanya, Devika Prasad, Dhanya Krishnan R, Radhika Nair N J, '<i>Evaluation of Bridge Performance Using Non-Destructive Testing - A Review</i>', International Advance Research Journal in Engineering, Science and Technology, Vol 3 Issue 2, Feb, 2016 Publications in National Conferences: <ol style="list-style-type: none"> 1. Ayswarya K.S, Ann Maria Johnson, Chaithanya, Devika Prasad, Dhanya Krishnan R, Radhika Nair N J, '<i>Retrofitting of Columns using FRP – A review</i>' National Conference on Concrete Structures, Jan, 2017. 2. Anjali A, Pournami N, ChithraLakshmi M.G, Rehana Stoy, Saranga G.S, Radhika Nair N.J, Arun N R, '<i>Strength Characteristics of Steel, Polypropylene and Hybrid Fibre Reinforced Concrete</i>' National Conference on Innovative Techniques and Latest Trends in Civil Engineering', Kalasalingam University, Apr, 2016 3. ChithraLakshmi M.G, Pournami N, Anjali A, Rehana Stoy, Saranga G.S, Radhika Nair N.J, Arun N R, '<i>Effect of Steel and Polypropylene Fibers on Concrete</i>', National Conference on Concrete Structures, LBSITW, Jan, 2017.

	<ol style="list-style-type: none"> 4. Radhika Nair NJ, Aryakottoor, M.Meenakshi, Miria Jerald, Raheema Sanam, Renjitha Krishnan, ' <i>Review on strengthening of beams using GFRP and ferrocement jacketing</i>', National Conference on Innovations in Civil Engineering – ICE 2018, Marian Engineering College, Feb, 2018 5. Dhanya S., Gopika L, Manila Mahesh, Swathy Kutty B.S., Radhika Nair N.J., ' <i>Seismic Evaluation of Main Building of LBSITW</i>', National Conference on Recent Innovations and Technological Development in Civil Engineering (NCRITD 2018), Gandhigram Rural Institute, Dindigul, March 2018 6. Radhika Nair N.J., Athulya S, Gouri A.S, Nindu Priya Laxmi SBN, ' <i>Development of Corrosion resistant sustainable fibre reinforced concrete- A Review</i>', Kerala State Technological Congress KETCON 2019, Government Engineering College, Thrissur, February, 2019 7. Pooja Jayan , Jisna V.K, Sreelekshmi S.R, Reshma Rajendran and Radhika Nair N.J ' <i>Sustainable Concrete Using Rice Husk Ash and Oyster Shell Powder</i>', National Conference On Advances In Structural Engineering-NASE 2019,Mar Baselios College Of Engineering Trivandrum.
<p>Funded Projects/ R & D</p>	<ol style="list-style-type: none"> 1. TEQIP Seed Money Project : Structural Performance of hybrid steel polypropylene fibre reinforced concrete (2 lakhs) (completed) 2. TEQIP Student project: Retrofitting of columns and beams and columns using GFRP (Rs 50,000) (completed) 3. KSCSTE funded student project Development of Corrosion Resistant Fibre Reinforced Concrete (Rs 9000) c (completed)
<p>Expert talks delivered</p>	<ol style="list-style-type: none"> 1. 'Health Monitoring of Concrete' for Faculty Development Programme on 'Advanced Design of Concrete Structures' sponsored by KTU held on 24th June, 2019 at LBS Institute of Technology for Women, Thiruvananthapuram 2. 'Self Sensing Concrete' for ICI Student Chapter, LBS Institute of Technology for Women, Thiruvanthapuram on 14th August, 2020 3. Key note lecture on ' Self sensing materials for health monitoring of structures' for the National Conference on Geotechnics and Concrete Structures (GeoCon 2020) organized by student chapters of IGS and ICI on 26th and 27th August, 2020 at LBS Institute of Technology for Women, Thiruvanthapuram

<p>Programmes Coordinated</p>	<ol style="list-style-type: none"> 1. Five-day FDP on ‘Recent Advances in Structural and Geotechnical Engineering’ from 8th to 12th June, 2015 sponsored by TEQIP at LBS Institute of Technology for Women, Thiruvananthapuram 2. Two-day FDP on ‘Design and Engineering’ sponsored by TEQIP II from 29th to 30th December, 2015 at LBS Institute of Technology for Women, Thiruvananthapuram 3. National Conference on Concrete Structures – NCCS 2017 on 30th and 31st January, 2017, sponsored by TEQIP II at LBS Institute of Technology for Women, Thiruvananthapuram 4. International Conference on Geotechniques for Infrastructure Projects on 27th and 28th February, 2017 sponsored by TEQIP II at LBS Institute of Technology for Women, Thiruvananthapuram 5. Five-day FDP on Advanced Design of Concrete Structures sponsored by APJ Abdul Kalam Technological University from 24th to 28th June, 2019 at LBS Institute of Technology for Women, Thiruvananthapuram 6. Expert talk on ‘Concrete – Precautions to be taken in the mixing plant and the site’ sponsored by Department of Civil Engineering, LBS College of Engineering, Kasaragod and QCrete Ready Mix Pvt Ltd, Bangalore on 15th February, 2021
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Date: 6th June, 2021