

## CURRICULUM VITAE



- 1. Name** Dr. K.L. RADHIKA
- 2. Father's Name** Shri K. R. Laxminarayana
- 3. Designation** Professor
- 4. Official Address** Department of Civil Engineering  
University College of Engineering (A)  
Osmania University, Hyderabad  
Telangana State-500 007  
Tel (O): +91-04-27097125  
Mobile No: +91-9849130279  
Email id: radhika.k@uceou.edu  
radhikakl1306@gmail.com

### 5. Academic Qualification:

Degree	Subject	Board/University	Year
Ph.D	Civil Engineering	National Institute of Technology, Warangal	2016
M.Tech.	Structural Engineering	Osmania University, Hyderabad.	1999
B.Tech	Civil Engineering	J.N.T. University, Hyderabad.	1994
Diploma in Civil Engineering	Civil Engineering	State Board of Technical Education & Training	1990

## 6. Project Profile:

<b>PhD</b>	A Study on the Application of Particle Packing Theories for Improving the Performance of Recycled Aggregate Based Self Compacting Concrete
<b>M.E (SE)</b>	Fly Ash - A Partial Replacement of Fine Aggregates in Concrete.
<b>B Tech</b>	Cost Comparision and Designing a Structures by Working Stress Method and Limit State Method of Design

## 7. Industrial and Teaching Experience:

30.01.2018 to till date	Professor, Department to Civil Engineering, UCE,OU,Hyderabad
30.01.2015 to 29-01-2018	Associate Professor, Department to Civil Engineering, UCE,OU,Hyderabad
30.01.2002 to 29-01-2015	Assistant Professor, Department to Civil Engineering, UCE,OU,Hyderabad
25.01.1996 to 29.01.2002	Assistant Executive Engineer Central Designs Organization Irrigation & CAD Department Hyderabad, Govt. of Andhra Pradesh.
02.04.1993 to 24.01.1996	Assistant Draftsman Chief Administration Office (Construction) South Central Railways Secunderabad.
20.07.1991 to 01.04.1993	Draftsman Design Facility (Architects &Engineers) Marredpally, Secunderabad

## 8. Area of Research / Interest:

- Sustainable Materials
- Special Concrete- Self Compacting Concrete, Fibrous Concretes, Recycled Aggregate Concrete
- Low Cost alternate Building Materials
- Structural Health Monitoring of Structures
- Repair and Rehabilitation of buildings.
- Design of Structures

### 9. Teaching Assignment:

Under Graduate	Post Graduate Structural Engineering Specialization
Engineering Mechanics Engineering Graphics Strength of Materials-I Strength of Materials-II Solid Mechanics Building Technology & Drawing, Building Materials and Construction Reinforced Concrete Design Theory of Structures Mechanics of Materials Structural Engineering Design & Drawing (Concrete) Concrete Technology Advanced Concrete Technology Concrete Laboratory Testing Materials Laboratory	Earthquake Resistant Design of Structures Design of Prestressed Concrete Structures Fracture Mechanics of Concrete Structures Structural Design Structural Optimization Advanced R C Design Structural Engineering Laboratory – I Structural Engineering Laboratory – II Advanced Concrete Laboratory Seminars Mini Project Dissertation work  <b>PG Sponsored courses</b> Infrastructure Management Safety Management in Construction Construction Management

### 10. Training Programs and Workshops Attended:

Name of the Course / summer school	Venue	Duration	Sponsoring Agency
Three day National Workshop on "NAAC Accreditation and Outcome Based Education through AI Powered Digital Learning"	Osmania University	3rd to 5th Mar 2025	OU
Two day National Seminar on "Quality Assurance and Faculty Preparation for NAAC	Osmania University	27th & 28th Feb 2024	OU

Accreditation of Osmania University" organized by Internal Quality Assurance Cell			
Short Term Course on "Research & Innovations in Structural Engineering"	Dept. of Civil Engg., Vardhaman College of Engineering	12th - 17th Feb 2024	OU
Short Term Course on "Leadership Development for Academic Administration"	UGC-HRDC Osmania University Hyderabad	27th June-4th July 2023	OU
One week FDP on Design of Bridges using MIDAS Software	Dept. of Civil Engg., UCE(A),OU	17-21 April 2023	UCE/OU
Online Advanced course on "Structural Health Monitoring of Civil Infrastructure"	CSIR-SERC Chennai	30-31 March 2023	UCE/OU
One day Workshop on Women Enclave- A Meet up of Women Professionals	Dept of Electrical & Electronics Engineering UCE	17th March 2023	UCE/OU
Online Advanced course on "Fatigue and Fracture Behaviour of Metallic Components"	CSIR-SERC Chennai	08-10 Feb 2023	UCE/OU
Online Advanced course on "Fatigue and Fracture Behaviour of Steel and Concrete Structures and Components"	CSIR-SERC Chennai	19-20 May 2022	UCE/OU
Online Advanced course on "Use of Alternative Reinforcement in Concrete Applications"	CSIR-SERC Chennai	22-23 Feb 2022	UCE/OU
Finite Element Analysis using MIDAS Software (Hands on Experience)	Dept. of Civil Engg., UCE(A),OU	12-16 March, 2019	UCE/OU
One day Induction Program	CED, UCE (A), OU, Hyderabad	20 <sup>th</sup> January 2018	UCE/OU
FDP on Repair and Rehabilitation of Structures	NITTTR, Kolkata	One week 08-01-18 to 12.01.18	UCE/OU

FDP on Structural Design with STAAD PRO	NITTTR, Kolkata	One week 13-11-17 to 17.11.17	UCE/OU
FDP on Structural Health Monitoring	NITTTR, Chandigarh	31-07-17 to 04.08.17	UCE/OU
Women for Excellence (WE2017)	University College of Engineering, OU Hyderabad	1-days on 08-03-2017	TEQIP
Structural Health Monitoring and Condition Assessment of Existing Structures	Dept. of Civil Engg., UCE(A),OU	2 day (20-01-2017 to 21-01-2017)	TEQIP
Good Concrete Construction Practices	Dept. of Civil Engg., UCE(A),OU	2 day (28-10-2016 to 29-10-2016)	TEQIP
Design, Construction, Evaluation and Maintenance of Cement Concrete Pavements	Dept. of Civil Engg., UCE(A),OU	2 day (21-10-2016 to 22-10-2016)	TEQIP
Finite Element Methods	Dept. of Civil Engg., UCE(A),OU	1-days on 30-07-2016	TEQIP
Women for Excellence (WE2016)	University College of Engineering, OU Hyderabad	1-days on 09-03-2016	TEQIP
Engineering Graphics using AUTOCAD	Dept. of Civil Engg., UCE(A),OU	1 day (09-10-2015 )	TEQIP
Better Health Awareness and Life	University College of Engineering, OU Hyderabad	1-days on 10-03-2015	TEQIP
Limit State Design of Steel Structures based on IS:800:2007	NITTTR Chandigarh	3 week (29-10-2014 to 31-10-2014)	TEQIP
MSC-N ASTRAN	Dept. of Civil Engg., UCE(A),OU	1 week (12-05-2014 to 17-05-2014)	TEQIP
Nexus of Water and Energy	Dept. of Civil Engg., UCE(A),OU	1 day on 22-03-2014	TEQIP

Awareness and Empowerment of Women	University College of Engineering, OU Hyderabad	1-days on 10-03-2014	TEQIP
Faculty Development Programme in Entrepreneurship	Entrepreneurship Development cell, Osmania University	2 weeks (30-12-2013 to 10-01-2014)	TEQIP
Good Concrete Construction Practices	Dept. of Civil Engg., UCE(A),OU	2 day (17-08-2012 and 18-08-2012 )	Dept. of Civil Engg., UCE(A),OU
Recent Advances in concrete and construction	VNRVJ Institute of Engineers and Technology	2 weeks (30-04-2012 to 12-05-2012)	Dept. of Civil Engg., UCE(A),OU
Water and Food Security-Issues and Challenges	Dept. of Civil Engg., UCE(A),OU	1 day (22-03-2012)	Dept. of Civil Engg., UCE(A),OU
Advances in Concrete Technology	UGC-ASC, JNTUCEH	1 week ( 22.11.2010 to 27.11.2010 )	Dept. of Civil Engg., UCE(A),OU
Fire Safety	Hyderabad	2-days	Dept. of Civil Engg., UCE(A),OU
Concrete Fibre Composites, Special Concretes & Structures	Jawaharlal Nehru Technological College of Engineering KAKINADA	1 Days (11-02-2008)	Dept. of Civil Engg., UCE(A),OU
Testing of Building Materials	INSTRUCT, Bangalore	2 Days (16-11-2007 and 17-11-2007)	Dept. of Civil Engg., UCE(A),OU
Pavement Design, Construction, Evaluation & Maintenance	Department of Civil Engineering , Osmania University Hyderabad	2 Days (26-12-2006 and 27-12-2006)	Dept. of Civil Engg., UCE(A),OU
Value Education	Academic Staff College , Osmania University Hyderabad	1 month (02-12-2005 and 30-12-2005)	Dept. of Civil Engg., UCE(A),OU
Teaching and Training Technologies	Department of Civil Engineering, Osmania University Hyderabad	1 Days (03-09-2005)	Dept. of Civil Engg., UCE(A),OU

Social and Technical Aspects of Irrigation	Water And Land Management Training And Research Institute (WALAMTARI) Himayat Sagar , Hyderabad	4 Days (08-10-2001 to 11-10-2001)	I & CAD Department, Govt. of AP
Remote Sensing and GIS Applications for Irrigation	Water And Land Management Training And Research Institute (WALAMTARI) Himayat Sagar, Hyderabad.	3 Days (18-06-2001 to 20-06-2001)	I & CAD Department, Govt. of AP
Computer Applications	Dr. Marri Chenna Reddy, Human Resources Development Institute of A.P., Hyderabad	7 Days (08-10-2001 to 11-10-2001)	I & CAD Department, Govt. of AP
Computer Applications	Water and Land Management Training and Research Institute	1 week ( 02.08.2000 to 08.08.2000)	I & CAD Department, Govt. of AP
Mandatory Induction Training course of I & CAD Department, Govt. of AP	Water and Land Management Training and Research Institute	12 weeks (09-12-1996 to 09-03-1997 )	I & CAD Department, Govt. of AP

#### 11. Conferences attended:

Name of the Conference	Venue	Duration
2nd International Conference on Emerging Trends in Engineering(ICETE)	UCE/OU	28-30 April 2023
International Conference on Cement and Building Koncrete for a Sustainable and Resilient Infrastructure	NIT Warangal	28-29 March 2023
International Conference HYDRO 2019	University College of Engineering	18-20 December 2019
Two Day National Conference on Advanced Computing Applications in Civil Engineering (ACACE-2018)	CED, UCE (A), OU, Hyderabad	20-21 April 2018

Second International Conference on Innovations in Structural Engineering ( IC-ISE2017)	Dept. of Civil Engg., UCE(A),OU	29-12-17 to 31.12.17
62 <sup>nd</sup> Congress of The Indian Society of Theoretical and Applied Mechanics (ISTAM-20-17-An International Meet)	UCE (A), OU, Hyderabad	15-12-17 to 18.12.17
International Conference on Innovations in Structural Engineering	University College of Engineering	3 days ( 14.12.2015 to 16.12.2015)
National Conference on Recent Research Advances in Civil Engineering	University College of Engineering	2 days ( 07.11.2014 to 08.11.2014)
Third International Symposium on Design, Performance and use of Self Compacting Concrete	Xiamen, China	4 days ( 05.06.2014 to 08.06.2014)
National Conference on Recent Advances in Civil Engineering	CMR Technical Campus	1 day on 22- 03-2014
National Conference on Advances in Civil Engineering and Infrastructure Development	Vasavi College of Engineering Hyderabad	2 days ( 06.02.2014 to 07.02.2014)
International Conference on Emerging Trends in Civil Engineering	VNRVJIET Hyderabad	3 days ( 06.01.2014 to 08.01.2014)
International Conference on Sustainable Construction Materials and Technologies	National Institute of Technology Warangal	2 days ( 15.03.2013 to 16.03.2013)
International Conference on Sustainability Challenges & Advances in Concrete Technology	PSG College of Technology Coimbatore	3 days ( 02.05.2012 to 04.05.2012)

## 12. Workshops, Training Programs conducted:

Name	Member	Duration
23rd National Level Technical Symposium – NIRMAAN-2023	Head	21st & 22nd March, 2025



ATAL FDP “Fracture Mechanism of Concrete Structures”	Coordinator	One week 6-10 Dec 2021
Two Day National Conference on “Advanced Computing Applications In Civil Engineering	Co-coordinator	20-21 April 2018
17 <sup>th</sup> National Level Technical Symposium – NIRMAAN-2018	Students Advisor	9 <sup>th</sup> & 10 <sup>th</sup> March, 2018
NAAC Visit to Department	Coordinator	18 <sup>th</sup> August, 2017
One day Workshop on FINITE ELEMENT METHODS	Convenor	30 <sup>th</sup> July 2017
Design of Tall Structures	Convenor	23 <sup>st</sup> and 24 <sup>nd</sup> January 2017
Structural Health Monitoring and Condition Assessment of Existing Structures (2017)	Convener	2 day
Finite Element Methods (2016)	Convener	1-days
Better Health Awareness and Life (2015)	Co-Convener	1-days
MSC-NASTRAN (2014)	Convener	1 week
Awareness and Empowerment of Women (2014)	Co-Convener	1-days
Mason’s Trainings Programme ( Community Service Programme ) 2006-2007	Co-Convener	4 Days
Auto Cad ( Community Service Programme ) 2006-2007	Co-Convener	2 Days

### 13. Guest Lectures Delivered

<b>Name Of Organization</b>	<b>Number of Lectures</b>
Adani Cement Knowledge Initiative "Concrete Talk" on "Role of Admixtures in Concrete", 23rd Jan 2025	1
Civil Engineering Department, Guru Nanak Institute of Technology, Ibrahimpatnam, 04 <sup>th</sup> March 2023	2
Civil Engineering Department, Guru Nanak Institute of Technology, Ibrahimpatnam, 26 <sup>th</sup> September 2022	1
One week FDP on Advanced Applied Chemistry and Engineering Materials, Organised by JNTUH, Kukatpally, 12 <sup>TH</sup> to 17 <sup>TH</sup> Sep 2022	1
Guest lecture on "Overview of Curriculum", Nawab Shah Alam Khan College of Engineering & Technology, Hyderabad, 3 <sup>rd</sup> Dec 2021	1
One week FDP on Special Concrete and its Applications, Civil Engineering Department, UCE, OU, 5 <sup>TH</sup> to 9 <sup>TH</sup> June 2020	1
One day Webinar on Concretes, Guru Nanak Institutions Technical Campus, Hyderabad, 4 <sup>th</sup> July 2020	1
Guru Nanak Institutions Technical Campus, Hyderabad, 4 <sup>th</sup> July 2018	6

#### **14. Research Publications:**

##### **International Journals**

1. K. L. Radhika, N. S. Ajeesh Kumar, "Thermodynamic Modeling of Cementitious Paste Containing Sugarcane Bagasse Ash and Rice Husk Ash",

- Springer Science and Business Media LLC, (pp. 77–88), 2024, [https://doi.org/10.1007/978-981-99-7464-1\\_7](https://doi.org/10.1007/978-981-99-7464-1_7).
2. K.L.Radhika, P.Anuradha,D.Annapurna, , Flexural behaviour of Hybrid and Graded Fibre Reinforced Concrete, Springer Science and Business Media LLC, (pp. 433–444), 2024, [https://doi.org/10.1007/978-981-99-7464-1\\_7](https://doi.org/10.1007/978-981-99-7464-1_7).
  3. K.L.Radhika, D. Annapurna, Ezatullah Yaqubi, P.Anuradha, , Seismic response of RC framed irregular structures, Materials Today Proceedings, Page:530-537, Elsevier, 2023
  4. K.L.Radhika, Sita Rama Prasad “Comparison on Stiffness Irregularities in Conventional Slab System and Bubble Deck Slab” International Journal of "European Chemical Bulletin", Volume 12, Special Issue 7, Page 1056-1080, Year 2023.
  5. K.L.Radhika, Chaitanya Varada Prasad “Dynamic Analysis of a Tall Building”, International Journal for Research in Applied Science & Engineering Technology, Volume 6, Issue II, Feb 2018
  6. Prof. K. L. Radhika & Mrs. P. Anuradha ,Effect of Slope Combination on Dynamic Analysis of RCC Chimney, International Journal for Research in Applied Science and Technology, Volume 8, Special Issue 5, May 2018, pg. 157-163.
  7. K.L.Radhika , D.Nagasree “Strength and Durability of Self Curing Concrete using Recycled Aggregates”, International Journal of Emerging Technology and Advanced Engineering, Volume 6, Issue II, April 2018, pg. 144-154
  8. K.L.Radhika, K.Rakesh, R Varun, “Experimental study on strength and durability characteristics of Nano Silica based concrete, International Journal of Engineering Technology, Management and Applied Sciences, Volume 5 Issue 3, March 2017.
  9. K.L.Radhika , K.Rakesh, R.Varun “An Experimental Study on the Mechanical Properties of Nano Silica Based Recycled Aggregate Concrete”, International Journal of Engineering Technology Science and Research, Volume 4, Issue 3, March 2017
  - 10.K.L.Radhika , P.Anuradha, “Study on Strength Characteristics of Fly-GGBS Based Geopolymer Concrete using Crusher stone dust as Fine Aggregates, International Journal of Emerging Technology and Advanced Engineering, Vol 07, Issue 2, December 2017, pg. 487-493

11. Radhika, Sri Rama Chand, Rathish Kumar, Rakesh, " Mix Model for Self-Compacting Concrete with Recycled Aggregate", International Journal of Structures and Buildings, Proceedings of the Institution of Civil Engineers Structures and Buildings 170, February 2017, Issue SB2, Pages 131–142 <http://dx.doi.org/10.1680/jstbu.16.00076>.
12. K.L. Radhika, Hassan Ahmed, "A Comparative study on Seismic Analysis of a Multistoried Building by Equivalent Static method and Response Spectrum method using ETABS", Global Journal of Engineering Research and Technology, Vol 5, 2015, No.9, pg 1-9.
13. K.L. Radhika, P. Anuradha, "Mechanical properties of concrete containing Metakaolin and Flyash", International Journal of Earth Sciences and Engineering, Vol 07, August 2014, pg. 619-623.
14. K.L. Radhika, P. Rathish Kumar, "Mix Design methodology for fibrous Self Compacting Concrete based on Compressible Packing Model", International Journal of Cement Wapno Beton" Vol XVII/LXXIX, No: 5, Nov 2012, pg 310-323.

### **National Journals**

1. . K.L. Radhika, P. Rathish Kumar, "Optimization of mix proportioning for Self Compacting Concretes using Particle Packing theories", Indian Concrete Journal, Vol 913, April 2017 No.4, Pg 20-31.
2. K.L. Radhika, P. Rathish Kumar, "Compressible Packing Model (CPM) - An Alternate Mix Design Methodology for Self Compacting Concrete", Journal of Civil Engineering and Construction Review. Vol 27, September 2014, No.9, Pg 78-86.
3. K.L. Radhika, P. Rathish Kumar, "Performance studies on Standard and High strength Self Compacting Concretes", Journal of Indian Concrete Institute. Vol 13 July-September 2012 No.2, Pg 7-12.
4. K.L. Radhika, P. Rathish Kumar, "Fiber Reinforced Self Compacting Concrete (FRSCC) using Coarse Aggregate from Building Demolished Waste

Performa", Vol 40, No:4, Dec 2010.pg 1-10, Journal of Indian National Group of the International Association of Bridge and Structural Engineering.

### **International Conference**

1. P.Anuradha, Annapurna, K.L.Radhika "Flexural Behaviour of Hybrid and Graded Fiber Reinforced Concrete", International Conference on "Cement and Building Concrete for a Sustainable and Resilient Infrastructure", CBKR 2023, 28-29 March 2023, NIT Warangal, Proceedings pg 26-29.
2. K.L.Radhika and N.S.Ajeesh Kumar "Thermodynamic Modelling of Cementitious Paste Containing Sugarcane Bagasse Ash and Rice Husk Ash", International Conference on "Cement and Building Concrete for a Sustainable and Resilient Infrastructure", CBKR 2023, 28-29 March 2023, NIT Warangal, Proceedings pg 32-34.
3. D.Annapurna, P.Anuradha, K.L.Radhika, "Seismic Response of RC Framed Irregular Structures", International UKIERI Concrete Congress, Jalandhar 14 -17 March 2023.
4. Radhika K L, Rakesh, Siempu, Rathish Kumar P, "A Study On Bond Slip Mechanism In Glass Fiber Reinforced Self Compacting Concrete", UKIERI Concrete Congress; Concrete Research Driving Profit and Sustainability, 2<sup>nd</sup> – 5<sup>th</sup> November, 2015, Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, Punjab, India.
5. Radhika K L, Rakesh Siempu, Rathish Kumar P, Sumanth Reddy C, "A Study on the Influence of Grade of Concrete on the Pull out Behaviour of Self Compacting Concrete", UKIERI Concrete Congress; Concrete Research Driving Profit and Sustainability, 2<sup>nd</sup> – 5<sup>th</sup> November, 2015, Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, Punjab, India.
6. K.L.Radhika, P.Rathish Kumar, "Mix proportioning of Self Compacting Concretes based on compressible packing model", The third International

Symposium on Design, Performance and use of Self Compacting Concrete” Xiamen, China, 5-8 June 2014, ISBN: 978-2-35158-143-8.

7. K.L.Radhika, P.Surendhar, “ Influence of Exogeneous factors on Assessment of a Project by using PESTAL analysis”, International Conference on “Emerging Trends in Civil Engineering” VNRVJITE, Hyderabad, January 2014.Proceedings pg 626-634. ISBN:978-81-7800-294-1

8. K.L.Radhika, K.Kishore, “ A study on Mechanical properties of Bacterial concrete”, International Conference on “Emerging Trends in Civil Engineering” VNRVJITE, Hyderabad, January 2014.Proceedings pg 311-316. ISBN:978-81-7800-294-1

9. K.L.Radhika, P.Anuradha, “Mechanical properties of concrete containing Metakaolin and Flyash”, International Conference on “Emerging Trends in Civil Engineering” VNRVJITE, Hyderabad, January 2014.Proceedings pg 296-302. ISBN:978-81-7800-294-1

10. K.L.Radhika, P.Anuradha, “Basic Investigations on mechanical properties of Glass fiber reinforced concrete”, International Conference on “Emerging Trends in Civil Engineering” VNRVJITE, Hyderabad, January 2014.Proceedings pg 261-267. ISBN:978-81-7800-294-1

11. K.L.Radhika, P.Rathish Kumar, “Compressible Packing Model – A method to estimate Packing density in Self Compacting Concretes” International Conference on Sustainability Challenges and Advances in Concrete Technology, Coimbatore, 2-4 May 2012, pg 260-265.

### **National Conferences**

1. K.L.Radhika, Sirigiri Sowmya, “A Comparative Study on Seismic Analysis of Irregular Framed Structure with Bare Frame, Open Ground Storey and Infilled Frame” National Conference on Advanced Computing Applications

in Civil Engineering ", University College of Engineering, Osmania University , Hyderabad, 20-21 April 2018, Proceedings pg 187-192, ISBN: 978-93-87593-22-0.

2. K.L.Radhika, P.Anuradha, "Effect of Slope Combinations on Dynamic Analysis of RCC Chimney" National Conference on Advanced Computing Applications in Civil Engineering ", University College of Engineering, Osmania University, Hyderabad, 20-21 April 2018, Proceedings pg 187-192, ISBN: 978-93-87593-22-0.
3. K.L.Radhika, Rakesh Siempu, Rathish Kumar, "Influence of bar properties on bond strength of fiber reinforced self compacting concrete" 2-day National Conference on "Modern Concretes –Driving Profit and Sustainability" (MCDPAS-2016) ,26 & 27 August 2016, VNRVJITE, Hyderabad.
4. K.L.Radhika, P.Anuradha, B.Rajavardhan "Behaviour of Carbide Waste Concrete at Elevated Temperatures" National Conference on Sustainable Materials and Management systems in Civil Engineering, CBIT, Hyderabad, 15-16 December 2016, pg 363-367.
5. K.L.Radhika, P.Rathish Kumar, "An Experimental study on Bond behaviour of Self Compacting concrete" Paper published at All India Seminar on "New Developments in use of alternate materials for concrete", AMCON-2015, 13-14 March 2015, Indian Concrete Institute, Nagpur Centre, Nagpur, Maharashtra, India.
6. K.L.Radhika, Uma Chandhra, "A Study on Analysis and Design of Preheater Building Using RTDS Sensors", National conference on "Sustainable Infrastructure Development - 2015"(NCSID-2015), National Institute of Technical Teachers Training & Research, Chandigarh, 26 & 27 Febraury 2015. ISBN: 978-93-83842-26-1.

7. K.L.Radhika, P.Anuradha, "Effect of Nano Silica on Mechanical Properties of Conventional Concrete", National conference on "Sustainable Infrastructure Development - 2015"(NCSID-2015), National Institute of Technical Teachers Training & Research, Chandigarh, 26 & 27 Febraury 2015. ISBN: 978-93-83842-26-1.
8. K.L.Radhika, P.Anuradha, M Naresh, "Analysis of Beam column joint using Finite Element Approach", National conference on "Recent Research Advances in Civil Engineering", University College of Engineering, Osmania University , Hyderabad, 7-8 November 2014, Proceedings pg 450-459, ISBN: 978-93-83635-36-8.
9. K.L.Radhika, P.Anuradha, B.Srinivas "Study on Strength characteristics of Fibre reinforced Geopolymer concrete composite containing lathe scrap withcrusher stone dust as fine aggregate", National conference on "Recent Advances in Civil Engineering" CMR Technical campus, Hyderabad, 22nd March 2014, Proceedings pg 8-14. ISBN:978-81-929195-0-8.
- 10.K.L.Radhika, "An experimental study on mechanical properties of fiber reinforced self compacting concrete with two different fibers", National conference on "Sustainable Infrastructure Development"(NCSID), National Institute of Technical Teachers Training & Research,Chandigarh,13 & 14 March 2014. ISBN: 978-93-83842-26-1.
- 11.K.L.Radhika, P.Anuradha "Analysis of Interior Beam column joint using Finite Element Approach", National conference on "Recent Advances in Civil Engineering" CMR Technical campus, Hyderabad, 22nd March 2014, Proceedings pg 1-7. ISBN: 978-81-929195-0-8.
- 12.K.L.Radhika, "Influence of Fine aggregate to Total aggregate ratio on Mechanical properties of Self Compacting Concrete" National Conference on "Advances in Civil Engineering and Infrastructure Development" Vasavi College of Engineering, Hyderabad, 6 & 7 February 2014,Proceedings pg 76-80.ISBN:978-93-82570-19-6.



13. L.R.M.Prasad, M.V.L.Prasad and K.L.Radhika, "An experimental study on mechanical properties of Fiber Reinforced SCC with steel fiber", National Conference on "Recent Advances in Civil Engineering" Osmania University , Hyderabad, June 2013.Proceedings pg 331- 335. ISBN:978-93-82880-61-5
- 14.. K.L.Radhika, Praveen Kumar, "A comparative study on mechanical properties of normal vibrated concrete and SCC", National Conference on "Recent Advances in Civil Engineering" Osmania University, Hyderabad, June 2013.Proceedings pg 447-454. ISBN:978-93-82880-61-5
- 15.. K.L.Radhika, P.Rathish Kumar, "Mix Design methodology for Self Compacting Concrete based on Compressible Packing Model" , National Conference on Sustainable Construction Material and Technologies, NIT Warangal,15-16 March 2013.Proceedings pg 122-129.
- 16.. K.L.Radhika, S.Gangaram, "An experimental study on impact of acid attack on strength characteristics of SCC" , National Conference on "Recent Advances in Civil Engineering" Osmania University , Hyderabad ,June 2013.Proceedings pg 369-391. ISBN:978-93-82880-61-5
17. K.L.Radhika, P.Rathish Kumar, "Developing Standard Grade Self Compacting Concrete using Blended Cement" National Conference on Advances in Earth Sciences, Structural, Geotechnical and Earthquake Engineering, CBIT, Hyderabad, 4-5 October 2012, pg 387-396.

#### **15. Projects Guided:**

PhD Students - 6nos (ongoing)

ME (SE) : 55 students

B.E. : 22 batches (90 students)

**16. Reviewer**

- Reviewer "Journal of Structural Engineering, SERC".
- Reviewed six papers in 2nd International Conference on Emerging Trends in Engineering(ICETE), UCE,OU,Hyderabad

**17. Award Received**

Vishweshwaraiah Memorial Award – Sep 2022 on the occasion of Engineers Day celebrations, Awarded by Megacity Navakala Vedika, Hyderabad, Telangana State.

**18. Memberships:**

Life Member in Indian Institute of Bridge Engineering

**19. Consultancy Services**

Actively involved in generating funds to the department in terms of consultancy services

**20. Present Administrative Responsibilities:**

- I/C Chief Engineer, Osmania University, Hyderabad, since Aug 2023
- Head, Civil Engineering Department, University College of Engineering, Osmania University, Hyderabad since Aug 2024.
- Member- State Level Expert Appraisal Committee, Government of Telangana, since March 2024.
- Department Research Committee Member, Civil Engineering Department, UCE,OU since 2018 till date.
- Departmental Committee member, Civil Engineering Department, UCE,OU since 2013 till date.
- Governing Body Member, OU Nominee, Avinash College of Commerce, Secunderabad, since March 2024 - 2026.
- Governing Body Member, OU Nominee, B.S.Bugudi B.Ed College, Tandur, Vikarabad Dist. since June 2024-2026
- Governing Body Member, OU Nominee, MNR College of Pharmacy, since May 2023-2025

- Selection Committee Member- OU Nominee, CSI College of Education, Medak, Telangana State, since April 2024.
- Member- University Land Inspection Committee on Irregularities, Osmania University, since Feb 2024
- Member- Committee to formulate Guidelines to provide financial assistance for Attending National / International Conferences, University College of Engineering, OU, since Jan2024.
- Reviewer "Journal of Structural Engineering, SERC".
- Advisory Committee Member - Maha Laqa Bai Chanda Centre for Women Studies, Osmania University, since October 2023.
- Governing Body Member, OU Nominee, Aurora's Degree & PG College, Hyderabad, since April 2024-2026
- Governing Body Member, OU Nominee, Neelam Sanjeeva Reddy College of Education, Hyderabad, since Jan 2024-2026.
- Governing Body Member, OU Nominee , St Ann's Educational Society, Malkajgiri, Secunderabad, since June 2023-2025
- IQAC member, St Ann's Degree Collage for Women, Secunderabad, since December 2023-2025
- Governing Body Member, OU Nominee, Andhra Mahila Sabha - School of Informatics, Hyderabad, since May 2023-2025
- Department Research Committee Member, Anurag University, Hyderabad, since 2022 till date.
- Board of Studies member – Nawab Shah Alam Khan College of Engineering &Technology, Hyderabad since Aug 2024
- Board of Studies member, LORDS College of Engineering and Technology, Hyderabad.
- Member- Board of Studies, GNIT, Hyderabad since Oct 2022.
- Board of Studies member, JBIET Hyderabad from Oct 2022 - 2023
- Industrial Liaison Officer Member- Industrial Liaison Committee, UCE, OU.
- Member-Women Empowerment Cell Committee since 2019, UCE,OU.
- Member- Internal Complaints Committee since 2018, UCE, OU.

## **21. Past Administrative Responsibilities**

- Board of Studies member – Chaitanya Bharathi Institute of Technology, Hyderabad, from April 21 - April 24
- Technical Committee Member, UGC, Ministry of Education, Govt of India 2019-2022
- Chairperson , Board of Studies (Global), Osmania University from Oct 2020 to Oct 2022
- NBA Coordinator for Structural Engineering Specialization consecutively from 2013 - 2021
- Director, Industrial Development Incubation Center (IDIC) UCE,OU from March 2019 to May 2021
- Member - Women's Welfare Committee, UCE, OU.
- Member- Committee to look into Development Activities of Technology Development Center, UCE,OU
- Special Officer, Infra Structure, University College of Engineering, OU from 2012 to 2019.
- Incharge ME / M Tech. (Regular & PTPG) examination for 6 years.
- Incharge ME / M Tech. (Regular & PTPG) attendance for 6 years.
- Department Convener, ME / M Tech Admissions (Regular & PTPG) for three years.
- Department Committee member for 2 year.
- Involved in Department Consultancy works for 2 years (GHMC).
- Jury member for "CUBE TESTING COMPETITION" for 7 Annual National Level Tech-Fest NIRMAN 08 organized by the Department.
- Incharge, Department Seminar Library for 3 years.
- NBA Coordinator for Structural Engineering Specialization in 2009
- Interview Panel Member, APPSC.
- Chaired two sessions in the National Conference conducted by Civil Engineering Department, NIT Warangal in 2013
- Incharge, Structural Engineering Laboratory for 2 years 8 months.
- Member, Disposal of Scrap Committee
- Member, Committee to study the boundaries of Electrical Engineering Department.

- Member, Committee to consider rationalization of outsourcing of Gardening, Security and Scavenging.
- Member, Committee to verify and look into the justification of place requirement on Department of Electrical Engineering Department.
- Member, Committee to inspect Electrical Engineering Department.
- Expert committee member, APPSC 2012

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