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VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Autonomous, ISO 9001:2015 & QS I-Gauge Diamond Rated Institute, Accredited by NAAC with 'A++' Grade
 NBA Accreditation for B.Tech. CE, EEE, ME, ECE, CSE, EIE, IT Programmes
 Approved by AICTE, New Delhi, Affiliated to JNTUH, NIRF 135th Rank in Engineering Category
 Recognized as "College with Potential for Excellence" by UGC
 Vignana Jyothi Nagar, Pragathi Nagar, Nizampet (S.O), Hyderabad – 500 090, TS, India.
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Department of Civil Engineering

Faculty Awards & Certifications

S No.	Name of the Faculty with Designation	Details of Award/ Certification	Issued by (Details)
1	Dr.A.Mallika, Professor	Topper Award in Theory of Elasticity	NPTEL SWAYAM
2		Elite Certificate in Structural Dynamics	
3	Dr. B D V Chandra Mohan Rao, Professor	Gold Medal and Topper Certification in Structural Analysis - I	
4		Gold Medal and Topper Certification in Strength of Materials	
5		Topper Certificate in DRCS	
6	Dr. B Narendra Kumar, Professor	Elite Certificate in DRCS	
7	A.Jyothirmai, Assistant Professor	Top %5 in Design of Reinforced Concrete Structures- Gold Certification	
8		Elite Certification in Fuzzy Logic and Neural Networks	
9		Certification in Hydration Porosity and Strength of Cementitious Materials	
10		Elite in NBA Accreditation and Teaching and Learning in Engineering (NATE)	
11	R.Harika, Assistant Professor	Introduction to Research	
12		Design of Reinforced Concrete Structures	



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13		Elite + Silver Medal in Applied Environmental Microbiology	
14		Environmental Geotechnics	
15	Smt. S. Sangeetha	Elite + Gold Medal in Geosynthetics Testing Laboratory	
16	Assistant Professor	Elite + Topper in Introduction to Ancient Indian Technology	
17		Elite in Soil Mechanics/Geotechnical Engineering -1	
		Elite Geoenvironmental Engineering :Landfills, Slurry Ponds & Contaminated Sites	
18		Topper Certificate in Foundation Design	
19		Elite in Soil Mechanics/Geotechnical Engineering -1	
20	Smt. V. Ramya Krishna	Elite in Introduction to Geographic Information Systems	
21	Assistant Professor	Elite in Earth Sciences for Civil Engineering	
22		Elite in The Joy of Computing Using Python	
23		Elite in Geotechnical Engineering laboratory	
24	Dr. A. Ramesh Professor	Recipient of Travel grant from UGC for presenting paper in 13th International conference on Eastern Asia Society for Transportation Studies sanction F.No. 6-154/2019 (TG).	UGC



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25	Dr. S. Rakesh, Assistant Professor	IGBC Accredited Faculty	Indian Green Building Council (IGBC)
26	Dr. B. Murali Krishna, Assistant Professor	IGBC Accredited Faculty	
27	G.Lalitha, Assistant Professor	Employee of the Month	Infotech Enterprises Limited
28		Certifies Instrumental in Assisting ASI	Infotech Enterprises Limited
29	Dr. K. Sai Sahitya	Elite in NBA Accreditation and Teaching and Learning in Engineering (NATE)	NPTEL SWAYAM

The faculty also conducted workshops/ training programs/ conferences and were also invited for expert talks in their fields and the details are mentioned below in Table B.4.5.8.

Summary of Invited Lectures of CED Faculty

S. No.	Academic Year	Total No.of Invited Lectures
1	2021-22	4
2	2020-21	38
3	2019-20	7

Invited Lectures for Faculty in the Academic Year 2021-2022

S. No.	Name of the Faculty	Type of the program	Lecture Topic	Duration
1	Dr. K Ravi Kumar	A 5-Day Workshop on 'Writing Good Quality Research Proposals'.	Key components of Research Proposal, Developing Research	08 th to 12 th August 2022



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S. No.	Name of the Faculty	Type of the program	Lecture Topic	Duration
			Question, Research Hypothesis, Research Objectives, Research Concept Writer, Hierarchy of Objectives, Project Logical Frame Work, Working on NAARM application	
2	Dr. Kadali Srinivas	Basic Program on Planning, Design and Construction of Minor Bridges and Culverts	Soil Investigation – Classification of soils & Site selection of Bridges	22 nd to 26 th August 2022
3	Dr. B Murali Krishna	FDP on Computer Diligence in Civil Engineering & Applications	Structural Health Monitoring Using Digital Image Correlation	21 st to 30 th March 2022
4	Dr. K. Sai Sahitya	Webinar	Introduction to Smart Cities	17 th December 2021

Invited Lectures for Faculty in the Academic Year 2020-2021

S. No.	Name of the Faculty	Type of the program	Lecture Topic	Duration
1	Dr. A. Mallika	FDP on Use of interactive board for digital teaching and learning	Awareness session on " Use of the interactive board for digital teaching and learning"	1 week
2	Dr. A Mallika	FDP on Advanced Computational Tools in Structural Modelling and Analysis & Transportation & Traffic	Artificial Intelligence Methods in Structural Health Monitoring	2 week



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3	Dr. A. Mallika	FDP on Advanced Computing in Civil Engineering (ACCE)- Advanced Numerical Modelling in Geotechnical, Hydraulic and Environmental Quality Applications	Residual stress analysis and mineral identification of Geo materials	2 week
4	Dr. B. D. V. Chandra Mohan Rao	FDP on Advanced Computational Tools in Structural Modelling and Analysis & Transportation & Traffic	Introduction to MATLAB	2 week
5	Dr. K. Ramujee	FDP on Advances in Concrete Science and Technology for Sustainability (ACSTS)"	Geopolymer Concrete: A Potential Alternative Material for Sustainable Development	1 week
6	Dr. B. Narendra Kumar	FDP on Advances in Concrete Science and Technology for Sustainability (ACSTS)"	Influence of Nano Materials on the Properties of SCC	1 week
7	Dr.B.Narendra Kumar	Workshop on Two Day Online Workshop on Quality in Engineering Education-An Outcome Based Education(OBE) Approach	Infrastructure and learning Resources	02 Days
8	Dr.B.Narendra Kumar	Workshop on 2-Day Workshop on "NAAC Criteria wise Orientation programme for NAAC Mentee Institutions under Paramarsh Scheme	Institutional Information for Quality Assessment	02 Days
9	Dr.B.Narendra Kumar	2-Day Workshop on "NAAC Criteria wise Orientation programme for NAAC Mentee Institutions under Paramarsh	Infrastructure and learning Resources	02 Days



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10	Dr.B.Narendra Kumar	2-Day Workshop on "NAAC Criteria wise Orientation programme for NAAC Mentee Institutions under Paramarsh	Student Support and Progression	02 Days
11	Dr.B.Narendra Kumar	2-Day Workshop on "NAAC Criteria wise Orientation programme for NAAC Mentee Institutions under Paramarsh Scheme	Goverence leadership and management	02 Days
12	Dr.B.Narendra Kumar	2-Day Workshop on "NAAC Criteria wise Orientation programme for NAAC Mentee Institutions under Paramarsh Scheme	Revised NAAC Frame Work 2020	02 Days
13	Dr.B.Narendra Kumar	2-Day Workshop on "NAAC Criteria wise Orientation programme for NAAC Mentee Institutions under Paramarsh Scheme	Methodology in Revised Accreditation Framework	02 Days
14	Dr. A Ramesh	AICTE Sponsored Short Term Training Programme (STTP) on ETDASR 2020 - Series 1 Insights into the development of sustainable road materials and traffic systems	Material characterizations modified bitumen using mechanical properties.	27.07.2020 – 01.08.2020 (60 mins.)
15	Dr. A Ramesh	AICTE Sponsored Short Term Training Programme (STTP) on ETDASR 2020 - Series 1 Insights into the development of sustainable road materials and traffic	Different applications of HDM 4 in pavement management system.	07-12-2020 - 12-12-2020 (60 mins.)



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		systems		
16	Dr. A Ramesh	AICTE Sponsored FDP on Advanced Computing in Civil Engineering” - Series 1	HDM-4 modeling process and case studies	16.11.2020 - 27.11.2020 (60 mins.)
17	Dr. A Ramesh	AICTE Sponsored FDP on Advanced Computing in Civil Engineering” - Series 1	Junction Improvement studies using VISSIM	16.11.2020 - 27.11.2020 (120 mins.)
18	Dr. K. Ravikumar	Two-week FDP on Advanced Computing in Civil Engineering	Hands on Practice in Groundwater Modelling using GMS	15th to 27th February 2021
19	Dr. Kadali Srinivas	FDP on Advanced Computing in Civil Engineering (ACCE)- Advanced Numerical Modelling in Geotechnical, Hydraulic and Environmental Quality Applications	Residual stress analysis and mineral identification of Geo materials	2 week
20	Dr. C. Naveen Kumar	STTP on Emerging Tools for Design and Analysis of Sustainable Roads	Smart and Sustainable Cities – Case studies from Indian context	1 week
21	Dr. C. Naveen Kumar	FDP on Advanced Computational Tools in Structural Modelling and Analysis & Transportation & Traffic	Overview of mathematical modelling procedure and hands on training using Google Colab	16-Nov-2020 to 28-Nov-2020
22	Dr. C. Naveen Kumar	STTP on Computational Design Tools used for Planning and Maintenance of Sustainable Road Network	Modelling of Crashes for four lane non-urban Highways	1 week
23	Dr. C. Naveen Kumar	Road Safety Auditors Certification Course	Safety in Design of Intersection and Interchange (Part I)	13 to 27 March 2021



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24	Dr. C. Naveen Kumar	Road Safety Auditors Certification Course	Safety in Design of Intersection and Interchange (Part II)	13 to 27 March 2021
25	Dr. R. Durga Prasad	FDP on Advances in Concrete Science and Technology for Sustainability (ACSTS)"	High-Performance SCC containing Ternary Blended Cements	1 week
26	Dr. R Durga Prasad	International Conference on Advancements and Recent Trends in Civil Engineering	Advancements and Recent Trends in Civil Engineering	May 27-28 2021
27	Dr.S.Rakesh	FDP on Advances in Concrete Science and Technology for Sustainability (ACSTS)"	Understanding Chemistry of Cement and Supplementary Cementitious Materials from Sustainability Perspective and the Road Ahead	13th July 2020 to 18th July 2020
28	Dr.S.Rakesh	FDP on Advances in Sustainable Construction Engineering (ASCE)	Role of Cementitious Materials in Sustainable Construction	13th July 2020 to 18th July 2020
29	Dr. S.Rakesh	Short Term Training Program (STTP) on Design and Structural Evolution of Advanced Functional Materials Suitable for Engineering Applications	Foam Concrete: A Potential Alternative Sustainable Building Material	Feb, 15–20 and March, 01-06 2021
30	Dr. K Suresh	FDP on Innovation, Entrepreneurship and its relevance in civil Engineering	Design of Embankment on soft soil	3-Days



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31	Mr. T Naga Teja	Computational Design Tools used for Planning and Maintenance of Sustainable Road Network	Modelling the driver decision making behaviour in amber phase	1 week
32	Mr. K. Veerendra Gopi	FDP on Advanced Computing in Civil Engineering (ACCE)- Advanced Numerical Modelling in Geotechnical, Hydraulic and Environmental Quality	Artificial Neural Network based downscaling of rainfall data	2 week
33	Dr.S.Pradeep kumar	Webinar on World Environment Day 2021	Awareness on Environmental Crisis	01 day
34	Dr.S.Pradeep kumar	Guest Lecture	E-waste Management	1day
35	Dr. Sasanka Mouli	FDP on Advanced Computing in Civil Engineering (ACCE)- Advanced Numerical Modelling in Geotechnical, Hydraulic, and Environmental Quality Applications	Numerical Modelling of Mechanically Stabilized Earth retaining (MSE) walls	2 week
36	Dr. Sasanka Mouli	Workshop on Geo practices -2019	Back-to-back Reinforced Retaining Wall	1day
37	Dr. B Murali Krishna	Faculty Development Program (FDP) on Advanced Computational tools in Structural	Introduction to advanced simulation- ABAQUS	Two Week (16-Nov-2020 to 28-Nov-2020)



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		Modelling and Analysis & Transportation and Traffic systems		
38	Dr. B Murali Krishna	Workshop on Intellectual Property Rights and Innovations in Civil Engineering	Structural Health Monitoring Using Digital Image Correlation Techniques	3-Days

Invited Lectures for Faculty in the Academic Year 2019-2020

S. No.	Name of the Faculty	Type of the program	Lecture Topic	Duration
1	Dr. A. Mallika	1-Week Training	On STAAD Pro. & ETABS	1 week
2	Dr. A Ramesh	3-Day National Workshop on Materials for Sustainable Infrastructure Development	Binder Characterization & Highway Development and Maintenance Management System-Application in Local Road Network	25-09-2019 - 27-09-2019
3	Dr. K. Ravi Kumar	A 3-Day Workshop on 'Writing Good Quality Research Proposals'.	Key components of Research Proposal, Developing Research Question, Research Hypothesis, Research Objectives, Research Concept Writer, Hierarchy of Objectives, Project Logical Frame Work, Working on NAARM application	16th to 18th Dec 2019



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S. No.	Name of the Faculty	Type of the program	Lecture Topic	Duration
4	Dr. K. Ravi Kumar	A 6-Day Workshop on 'Writing Good Quality Research Proposals'	Key components of Research Proposal, Developing Research Question, Research Hypothesis, Research Objectives, Research Concept Writer, Hierarchy of Objectives, Project Logical Frame Work, Working on NAARM application	6th to 11th Jan 2020
5	Dr. C Naveen Kumar	Workshop on Key Issues & Challenges for Inland Water Transportation Network in India'	Inland waterways in India	scheduled on 12th and 13th September 2019
6	Dr. S.Rakesh	One Week FDP on Smart Materials in Construction	Lightweight Concrete	25th June 2020 to 01st July 2020
7	Dr.S.Pradeep kumar	Recent Advanced Materials for Sustainable Development in Construction	Self-Healing Concrete	05 Days 24th – 28th of February 2020