



GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING (Autonomous)

Approved by AICTE & Affiliated to Andhra University, Visakhapatnam from 2022-23

(Affiliated to JNTUK, Kakinada upto 2021-22)


Re-accredited by NAAC twice with 'A' Grade with a CGPA of 3.47/4.00



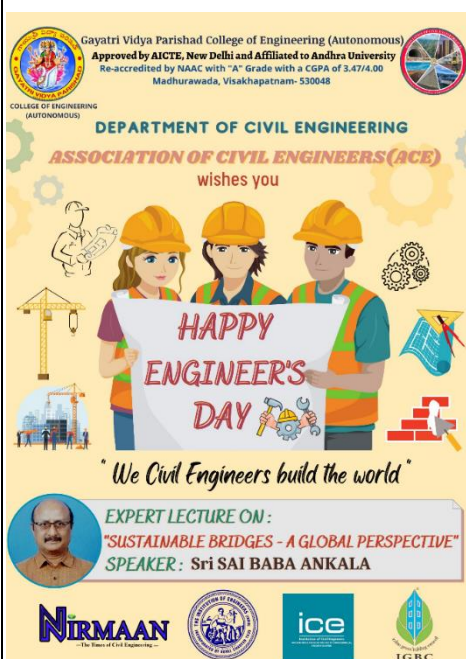
Madhurawada, Visakhapatnam - 530048



DEPARTMENT OF CIVIL ENGINEERING GUEST LECTURES ORGANISED

2022-23

S. No.	Name of the Resource Person	Title of the Lecture	Date(s) of organization
1.	Sri. Gannavarapu Narasimha Murty, Joint General Manager, RAIL VIKAS NIGAM Limited, Govt of India	Civil Engineering Prospects and Career Guidance	29-03-2023
2.	Dr. Pavan Kumar Emani, Professor, Dept. of Civil Engineering, Graphic Era (Deemed to be University), DEHRADUN.	Finite Element Analysis using OPENSEES	09-01-2023 to 13-01-2023
3.	Dr. K. Ramanjaneyulu, Retd. Chief Scientist & Director CSIR-SERC, Chennai.	A Two-Day Program on R & D Activities in Structural Engineering	02-12-2022
4.	Sri Saibaba Ankala, Ex-Chief Engineer/ HAG Grade (Engineer-in - Chief Grade), Indian Railways, Govt. of India	Sustainable bridges - a global perspective	15-09-2022
5.	Sri Kishore Kumar Dasam, Senior Manager-BIM, L&T ECC, Chennai	Construction BIM	03-09-2022
6.	Sri Surya Prakash sarma Perepa, Assistant Consultant Wind Renewable Supporting tower –TCS	Macro Economics in Steel Structural Design	20-08-2022
7.	Sri Rajan Srivastav, Director, Simultaneous Geographical Reality Labs Pvt Ltd, New Delhi.	Visualization, Analysis & Tiling of Large Geospatial Data Using Heliware Stack	06-07-2022
8.	Sri. Gumma Ravi Kumar, Scientist-C and Officer-in-charge AP State Unit office, Central Ground Water Board, Visakhapatnam	Ground Water Scenario of Andhra Pradesh With Special Emphasis on Aquifer Mapping and Management of Visakhapatnam District	27-06-2022

S. No.	Description
1.	 <p>Civil Engineering Prospects and Career Guidance by Sri. Gannavarapu Narasimha Murty, Joint General Manager, RAIL VIKAS NIGAM Limited, Govt of India on 29-03-2023.</p>

S. No.	Description
2.	 <p>Dr. Pavan Kumar Emani, Professor, Dept. of Civil Engineering, Graphic Era (Deemed to be University), DEHRADUN. One week training program on Finite Element Analysis using OPENSEES from 09-01-2023 to 13-01-2023.</p>
3.	 <p>A Two-Day Program on R & D Activities in Structural Engineering by Dr. K. Ramanjaneyulu, Retd. Chief Scientist & Director CSIR-SERC, Chennai on 02-12-2022.</p>
4.	 <p>Sustainable bridges - a global perspective by Sri Saibaba Ankala, Ex-Chief Engineer/ HAG Grade (Engineer-in -Chief Grade), Indian Railways, Govt. of India on 15-09-2022.</p>

S. No.	Description
5.	Construction BIM by Sri Kishore Kumar Dasam, Senior Manager-BIM, L&T ECC, Chennai on 03-09-2022.
6.	Wind Renewable Supporting tower –TCS Macro Economics in Steel Structural Design by Sri Surya Prakash sarma Perepa, Assistant Consultant on 20-08-2022.
7.	 <p>Sri Rajan Srivastav, Director, Simultaneous Geographical Reality Labs Pvt Ltd, New Delhi. Visualization, Analysis & Tiling of Large Geospatial Data Using Heliware Stack06-07-2022</p>
8.	 <p>Ground Water Scenario of Andhra Pradesh With Special Emphasis on Aquifer Mapping and Management of Visakhapatnam District by Sri. Gumma Ravi Kumar, Scientist-C and Officer-in-charge AP State Unit office, Central Ground Water Board, Visakhapatnam on 27-06-2022.</p>

2021-22

S.No.	Name of the Resource Person	Title of the Lecture	Date(s) of organization
1.	Prof. P.Veerabhadra Rao, Professor, Dept of Civil Engineering, GVPCOE(A)	Precast Construction Methods in Infrastructure Projects	26-05-2022
2.	Prof.G.Yesu Ratham Professor, Dept of Civil Engineering, JNTU Kakinada	Case studies on Repair and Rehabilitation of Building	21-04-2022
3.	Dr. Bijoy Krishna Handique Scientist/Engineer 'SF', North Eastern	Applications of UAV/Drone based Remote sensing- opportunities and challenges	20-04-2022

S.No.	Name of the Resource Person	Title of the Lecture	Date(s) of organization
	Space Applications Centre, Meghalaya, Department of Space, Govt. of India.		
4.	Sri Ramesh K Sr.Manager, Lawrence & Mayo	DGPS Technology- Case studies	20-04-2022
5.	Dr.K.B.V.N.Phanindra, Associate Professor, Civil Engineering Department, IIT Hyderabad	Groundwater Modeling and Management using GIS tools	19-04-2022
6.	M.Parvathisam, Geocon Surveys	DGPS & Drone Case studies on LIS	19-04-2022
7.	Dr MVSS Giridhar, Professor, Centre for Water Resources, Institute of Science and Technology, J N T University Hyderabad	Hyperspectral Image Analysis-Case study	19-04-2022
8.	Sashikant A Sharma, Data, Secretary, Indian Society of Geomatics, Ahmedabad, ISG, Ahmedabad	AI/ML, Big data Applications for Earth Observation	19-04-2022
9.	Gaurav V Jain Scientist\Engineer-SF, Space Applications Centre (SAC), Indian Space Research Organization (ISRO), Ahmedabad	Space based inputs for Smart Cities	18-04-2022
10.	Dr Satish, Asst Professor IIT, Hyderabad	Case study on Drone Project	18-04-2022
11.	Dr. YVN Krishna Murthy Registrar, Indian Institute of Space Science and Technology, Deemed to be University, Thiruvananthapuram, Kerala	Geospatial Technologies and its Applications - Opportunities for Entrepreneurs	18-04-2022
12.	Dr. Ashish Verma Professor, Civil Engineering Department, IISc Bangalore	Geo informatics Applications in Transportation Engineering	18-04-2022
13.	Ar. Y. Narasimha Rao Practicing Architect and Visiting faculty, Varaha College of Architecture and Planning	Process of designing/ planning a home	31-03-2022
14.		Building Planning and Design	02-07-2021
15.	Dr.Konni .G.R. Geotechnical Specialist, Petrofac International Ltd, Sharjah, UAE	Diagnosis of Soil	11-06-2021

2020-21

S.No.	Name of the Resource Person	Title of the Lecture	Date(s) of organization
1.	Kanneganti Bhargav Kumar, Research Scholar, Prime Minister Research Fellowship, IISc-Bangalore	Types of Floods, Hydrologic Models	28-05-2021
2.	Er. K. Venkateswara Rao, Practicing Structural Design Engineer, Visakhapatnam	Repair and Renovation R.C Buildings	21-05-2021
3.	Er. K. Venkateswara Rao, Practicing Structural Design Engineer, Visakhapatnam	Repair and Renovation R.C Buildings	07-05-2021
4.	Kanneganti Bhargav Kumar, Research Scholar, Prime Minister Research Fellowship IISc-Bangalore	Types of Floods, Hydrologic Models	18-02-2021
5.	Dr. Pradeep Kumar Dammala, Assistant Professor, Department of Civil &	Research aspects in Geotechnical Engineering.	02-10-2020

S.No.	Name of the Resource Person	Title of the Lecture	Date(s) of organization
	Infrastructure Engineering, IIT Jodhpur		
6.	Shri Y.Ramesh, Former Town & Country Planner TCPO, Ministry of housing and Urban Affairs, Govt of India.	Webinar on “Role of master plans in Urban development.”	02-08-2020
7.	Dr. M.N. Sharif, Senior Project Officer, IIT Madras.	Earthquake Resistant Design of Structures	11-07-2020

2019-2020			
S.No.	Name of the Resource Person	Title of the Lecture	Date(s) of organization
1.	Dr.Jagadesh Vengula, Head, EDC, Convenor, Institute of Innovation council	Special Concretes	17-04-2020 to 23-04-2020
2.	Prof.P. Veerabhadra Rao	Precast construction in infrastructure projects Case Studies.	05-02-2020
3.	Sri. S.V.L.S.N.Sastry	Port Planning.	04-02-2020
4.	Ar.Debasish Sanyal	Innovation in Green Buildings	24-01-2020
5.	Dr. I.S. N. Raju	Overview of Irrigation Projects in Andhra Pradesh and Water Harvesting and watershed management.	08-01-2020
6.	Ar. Y. Narasimha Rao	Planning- What, Why and How?	02-01-2020
7.	Dr.P. Krishnam Raju	Detailing of Reinforcement.	18-12-2019
8.	Dr.V.M Naidu & Final Year Students	Rotary flyover at NAD Junction, Visakhapatnam.	12-12-2019
9.	Prof N Raghavan	Design and Construction of Bridges with Precast Concrete Technology, Lean Construction Management	19-08-2019 to 21-08-2019
10.	Prof.P. Veerabhadra Rao	How to use digital Class room	08-08-2019
11.	Mr. Mandapala Jeevan	Hazard Vulnerability & Risk Analysis (HVRA)	08-07-2019
12.	Sri.D.V.S.Prasad	Quality Assurance –Role of Testing Laboratories	05-07-2019
13.	Dr.Srinivas Pulugurtha	Traffic Safety	01-07-2019

PORT PLANNING
INTRODUCTION TO ENGINEERING CONSIDERATIONS

by
S. V. S. L. N. Sastry, P.E (I), C. Eng (I),
M.Sc (Geo-Engg), P.G.Dip.H.E (Delft), M.Sc (Hyd Engg-Delft, NL),
Former **Chief Engineer, VPT,**
Sr Vice President (Port Planning & Management), NECL
Visakhapatnam, India



Lecture 2: “Port Planning- Introduction to Engineering consideration” by Sri. S.V.L.S.N.Sastry on 04-02-2020.



Lecture 3: Overview of Irrigation Projects in Andhra Pradesh and Water Harvesting and watershed management by Dr. I.S.N. Raju on 08-01-2020.

	<p>Lecture 4: “Detailing of Reinforcement” by Dr.P. Krishnam Raju. on 18-12-2019.</p>
	<p>Lecture 5: “Rotary flyover at NAD Junction, Visakhapatnam” by T.Manikanta sai kiran. P. Sai Dinesh on 12-12-2019.</p>

2018-2019			
S.No.	Name of the Resource Person	Title of the Lecture	Date(s) of organization
1.	Prof. M.R.Madhav	Slope Stabilization Methods.	16-04-2019
2.	Prof. M.R.Madhav	Case study in Geotechnical Engineering.	01-03-2019
3.	Sri. N.Ravikumar	Sewage networking system in Visakhapatnam City.	22-02-2019
4.	Dr. I.S.N.Raju	Irrigation Development in the New State of AndhraPradesh with reference to Polavaram Project.	19-02-2019
5.	Dr.Ch. Ramesh Naidu	Latest trends in Topographical Mapping.	30-01-2019
6.	Dr.Ch. Ramesh Naidu	Drone based aerial surveying	09-02-2019
7.	Sri. S.Satish Chandra	Construction of fly over Bridge at N.A.D Junction in Visakhapatnam- A case study.	20-12-2018
8.	Ar. Y. NarasimhaRao	Planning- What, Why and How?	19-12-2018
9.	Dr. Chaitanya Krishna	Earthquake Disaster Mitigation & experimental modal analysis.	15-12-2018
10.	Sri.Ch. SrinivasaRao	Environmental Management system in Visakhapatnam	13-12-2018

11.	Dr. G.V.Rao	Geosynthetics reinforced soil structures-A practitioner's view	10-12-2018
12.	Sri. C.Chandran	Pile Foundations and Diaphragm walls	06-12-2018
13.	Dr. B.HanumanthaRao	Geo-synthetics & their application in Civil Engineering	02-11-2018
14.	Prof. T.D.GunneswaraRao	Sustainable Construction Material: Geopolymer Concrete.	28-09-2018
15.	Dr. M.R.Madhav	Soil Structure Interaction.	07-09-2018
16.	Dr. M.R.Madhav	Reinforced Soil Technology.	06-09-2018
17.	Dr. M.R.Madhav	Carrying capacity of foundation.	08-08-2018
18.	Sri Srinivas Manda	Spatial Data Infrastructure and GIS Cloud.	27-07-2018
19.	Dr.P.Rathish Kumar	Deterioration and Rehabilitation aspects of concrete	26-07-2018

2017-2018			
S.No.	Name of the Resource Person	Title of the Lecture	Date(s) of organization
1.	Ar. Y. Narasimha Rao	Role of Civil Engineering and Architecture in Building Industry.	17-02-2018
2.	Dr. Konni G.R	Guidelines on Industrial Geotechnical Engineering.	07-02-2018
3.	Dr. Ch.V.Rama Rao, Former Chief Engineer	Advanced Techniques in Geotechnical Site Investigation	31-12-2017
4.	Sai Baba Ankala	Challenges in Design and Construction of the World's Tallest Rail Bridge	30-12-2017
5.	Sai Baba Ankala	Global trends in sustainable design and construction of long span bridges.	30-12-2017
6.	Dr. I S N Raju	Watershed Management and Rural development in Andhra Pradesh.	30-12-2017
7.	Dr. I S N Raju	"Irrigation Challenges in National scenario & Irrigation Development in the State of Andhra Pradesh".	30-12-2017
8.	Mr. J. Srinivasa Raju	State of Art Land, Offshore, Subsea Geo-Technical & Geo-Physical Technologies for Investigations	29-12-2017
9.	Sri. Venu Nemani	State of Art: Transportation Sector in United States	18-12-2017
10.	Sri. Ch. Srinivasa Rao	Environment Management System at Visakhapatnam Port Trust.	04-12-2017



Lecture-1: A Technical Lecture on “Role of Civil Engineering & Architecture in Building Industry” by Ar. Y.Narasimha Rao, Architect and past chairman, The Indian Institute of Architects, Visakhapatnam Centre on 17th February 2018.



Lecture-2: A Technical lecture on “Guidelines on Industrial Geotechnical Engineering” by Dr. Konni G R, Technical Specialist, Petrofac International Ltd, Sharjah, UAE on 7th February 2018.



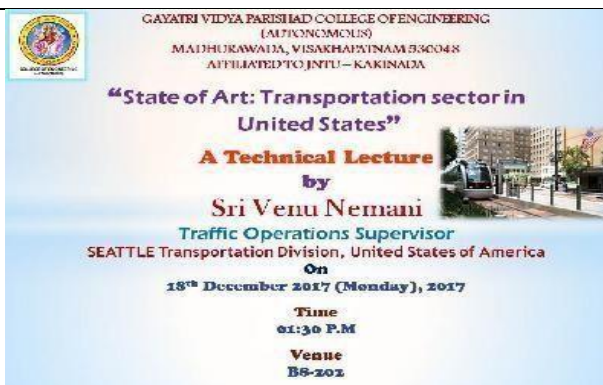
Lecture-3&4: A Technical lecture on “Challenges in Design and Construction of the World’s Tallest Rail Bridge” by Saibaba Ankala, Chief Engineer, Indian Railways, Assam on 30th December 2017.



Lecture-5&6: A Technical lecture on “Irrigation Challenges in National scenario and Irrigation Development in the State of Andhra Pradesh” by Dr. Indukuri Satyanarayana Raju Chief Engineer (Retd). Irrigation Department on 30th December 2017.



Lecture-6: A Technical lecture on “State of Art Land, Offshore , Subsea Geo-Technical & Geo-Physical Technologies for Investigations” by Mr. J. Srinivasa Raju, CEO, Geomardy, Visakhapatnam on 29th December 2017.



Lecture-8: A Technical lecture on “State of Art: Transportation Sector in United States” by Sri. Venu Nemani Traffic Operations Supervisor, Seattle Transportation Division, USA on 18th December 2017.



Lecture-9: A Technical lecture on “Environment Management System at Visakhapatnam Port Trust” by Sri. Ch. Srinivasa Rao Executive Engineer (Civil) on 4th December 2017.

2016-2017			
S.No.	Name of the Resource Person	Title of the Lecture	Date(s) of organization
1.	Mr. K. Viswanath Allamraju	Structural Health monitoring & Experimental modeling	14-11-2016 to 16-11-2016
2.	Mr. Vinod Kulkarni	Advanced Formwork Technology	19-10-2016
3.	Dr Jagadish Vengala	Self-Compacting Concrete and Bamboo Reinforced Technology	17-09-2016
4.	V. Sandeep Chowdary & V. SaiKiran	Present Scenario in Construction Industry and Career guidance.	29-08-2016
5.	Dr.A.Srinivas	Infrastructure Resilience and Sustainability with Advanced Materials	01-08-2016
6.	Sri.Nagaraj K. Bommakanti	Post Tensioning Applications on Structures	28-04-2016
7.	Sri. B.Vinod Kumar	Concept and Design of Sewage Treatment Plant	17-02-2016
8.	Prof.M.R.Madhav	Characterization of Ground by Insitu Tests	21-01-2016

	<p>Lecture-3: Guest Lecture by Dr. Jagadish Vengala, HOD & Associate Professor, BMS Institute of Technology, Bangalore on “Self-compacting concrete and Bamboo Reinforced Technology” on 17-09-2016.</p>
	<p>Lecture-4: Guest Lecture by V. Sandeep Chowdary & V. SaiKiran on “Present Scenario in Construction Industry and Career guidance” on 29-08-2016.</p>



Lecture-5: Guest Lecture on “Infrastructure Resilience and Sustainability with Advanced Materials” on 01-08-2016 by Dr. A.Srinivas, Associate professor, Civil, Washington State University, USA.



Lecture-8: A Guest lecture given by Prof. M.R.Madhav on “Characterization of ground by Insitu tests” on 21st January, 2016.

2015-16			
S.No.	Name of the Resource Person	Title of the Lecture	Date(s) of organization
	Mr. M.N. Shariff	Understanding Design and its stages	05-06-2015



Mr. M.N. Shariff, Design Engineer, V.M.S. Consultants Pvt. Ltd., Mumbai delivered a Guest Lecture to M.Tech students on “**Understanding Design and its stages**” on 05th June, 2015.