



JSS MAHAVIDYAPEETHA

JSS ACADEMY OF TECHNICAL EDUCATION

Affiliated to Visvesvaraya Technological University, Belagavi, Karnataka, INDIA
Approved by All India Council for Technical Education, New Delhi

DEPARTMENT OF CIVIL ENGINEERING

Details of the gap identified for AY 2019-20

Sl No	Name of the Faculty	Course with code	CBS	Action taken	Date-Month-Year	Resource Person with designation	% of students	Relevance to POs, PSOs
1	Hemalatha H N	Municipal and Industrial Waste Water Engineering (15CV71)	Nanotechnology in Civil and Environmental Applications	Guest Lecture	06/11/2019	Dr. Dinesh Rangappa, Professor & Chairman, Department of Nanotechnology VTU Center for Postgraduate Studies, Bengaluru Region, Muddenahalli, Chikkaballapur	91	PO4, PO6, PO7, PO8, PO9, PO10, PSO1, PSO2, PSO3
2	Basavaraj Akki	Applied Geotechnical Engineering (17CV53)	To know the fundamentals of construction of pile foundations.	Internal Seminar	19/11/2019	Basavaraj Akki	95	PO1, PO2, PO3, PSO1, PSO2, PSO3
3	Basavaraj Akki	Air Pollution and Control (17CV551)	Bhutan – Carbon negative country	Student Seminar & Report submission	08/11/2019	Basavaraj Akki	100	PO8, PO12, PSO2, PSO3
4	Abdul Razak B H	Design of RCC and Steel Structures (15CV72)	Composite Construction	Expert talk	19/10/2019	Er. Venkatesh.K.V, Senior Structural Engineer, TRC Engineering(I) Pvt.ltd., Bangalore	95	PO1, PO2, PO3, PO4, PO7, PO8, PO9, PO10, PSO1, PSO3
5	Shashi Kumara S R	Fluid Mechanics (18CV33)	Different forces acting on dam section	Field visit to Markonalli Dam	28/08/2019	Shashikumar S R Assistant Professor, Department of Civil Engineering, JSSATE, Bangalore	100	PO1, PO2, PO3, PO4, PO6, PSO1, PSO3

6	Shashi Kumara S R	Rehabilitation and Retrofitting of Structures (15CV753)	Contemporary repair materials	Expert talk	16/10/2019	Sunil R K C.E.O, M/S Design Tree Service Consultants Pvt. Ltd., Bangalore	100	PO1, PO2, PO3, PO4, PO6, PSO1, PSO2, PSO3
7	Abhishek R	Hydrology and Irrigation Engineering (17CV73)	Salient Features of Yettinahole Project	Expert talk	16/10/2019	Er. Surendra G.B, Deputy Chief Engineer, Yettinahole Project, Visvesvaraya Jala Nigam Ltd, Government of Karnataka, Tumkur	100	PO1, PO2, PO3, PSO1,
8	Pramukh N	Urban Transport Planning (17CV751)	Different modes of Urban transport and their ranking based on user and planners view	Report Submission	10/09/2019	Pramukh N	100	PO1, PSO1, PSO2
9	Dr Santhosh B S	Design of RC Structural Elements (17CV51)	Analysis and design of RC Structural element using Staad Pro Software	Workshop	30/11/2019	Mr Shashi Kumar C S, Principal Consultant, M & J Consultant	68	PO1, PO2, PO3, PO8, PSO1, PSO2, PSO3
10	Dr santhosh B S	Design of RC Structural Elements (17CV51)	Visit to M/s JSW Cements Manufacturing Unit, Bellary	Industrial Visit	15/11/2019 to 17/11/2019	Dr Santhosh B S	90	PO1, PO2, PO3, PO8, PSO1, PSO2, PSO3
11	Harshitha M N	Basic Surveying (18CV35)	Errors, Mistakes and precautions in Levelling	Internal Lecture	23/09/2019	Harshitha M N	98	PO1, PO2, PO3, PSO1, PSO2
12	Rashmi S.M	Traffic Engineering (17CV561)	Analysis of road accidents	Internal Lecture	28/11/2019	Rashmi S.M	90	PO1, PO2, PO3, PSO1, PSO2, PSO3

13	Rashmi S.M	Railways, Harbors, Tunneling and Airports (17CV552)	Visual aids - Airport	Internal Lecture	18/11/2019	Rashmi S.M	100	PO 1, PO 2, PO 3, PO 4, PSO1, PSO2, PSO3
14	Apoorva S	Engineering Geology (18CV36)	Application of Remote sensing and GPS in civil engineering field	Internal Lecture	20/11/2019	Apoorva S	95	PO1, PO3
15	Shashi Kumara S R	Fluid Mechanics (18CV33)	Feature of River Valley Project	Field visit to Markon alli Dam	28/08/2019	Shashi Kumara S R,	100	PO1, PO6, PO7, PSO1, PSO2, PSO3
16	Dr Santhosh B S	Design of RC Structural Element (17CV51)	To Understand the Manufacturing Process of Cement	Industrial Visit	15-11-2019 to 17-11-2019	Dr Santhosh B S	90	PO1, PO2, PO3, PO8, PSO1, PSO2, PSO3



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SI No	Name of the Faculty	Course with code	GAP/CBS	Action taken	Date-Month-Year	Resource Person with designation	% of students	Relevance to POs, PSOs
1	Dr.Abdul Razak B H	Design of RCC and Steel Structures-18CV72	Durability based design of marine structures	Webinar	19/11/2020	Dr. Radhakrishna Pillai, Associate Professor, IIT, Madras	100%	PO1,PO3,PO4,PO7,PO8,PO9,PO10
2	Dr.Vivek.S	Basic Geotechnical Engineering-18CV54	Determination of Soil Shear parameters in Laboratory	Practical conduction in Laboratory	16/11/2020	Dr.Vivek.S, Assistant Professor, Civil Department, JSSATE	90%	PO1,PO2,PSO1,PSO2
3	Prof. Basavaraj Akki	Basic Surveying - 18CV35	Tacheometric survey	Technical Talk	11/12/2020	Prof. Basavaraj Akki, Prof. Archana J, Assistant Professor, Civil Department, JSSATE - Bengaluru.	100%	PO1, PO2, PO3, PSO1, PSO2
4	Prof. Archana J	Basic Surveying - 18CV35	Tacheometric survey	Technical Talk	11/12/2020	Prof. Basavaraj Akki, Prof. Archana J, Assistant Professor, Civil Department, JSSATE - Bengaluru.	100%	PO1, PO2, PO3, PSO1, PSO2
5	Prof. Basavaraj Akki	Applied Geotechnical Engineering	Construction of Pile Foundations	Technical Talk	20/07/2021	Prof. Basavaraj Akki, Assistant Professor, Civil Department, JSSATE - Bengaluru.	100%	PO1, PO2, PO3, PSO1, PSO2, PSO3
6	Prof Rashmi SM	Pavement Design - 17CV833	Functional & Structural analysis of Pavement	Technical talk	17/07/2021	Prof. Rashmi SMi, Assistant Professor, Civil Department, JSSATE -	100%	PO1, PO2, PO3, PSO1, PSO2, PSO3

						Bengaluru.		
7	Prof Rashmi SM	Railways, Harbors, Tunnel & Airport - 18CV645	History of Indian Railways	Technical talk	26/05/2020	Prof. Rashmi SMi, Assistant Professor, Civil Department, JSSATE - Bengaluru.	100%	PO1, PO2, PO3, PSO1, PSO2, PSO3
8	Prof. Harshitha M N	Advanced Surveying-	Modern Surveying Instruments	Technical talk	14/07/2021	Prof. Harshitha M N, Assistant Professor, Civil Department, JSSATE - Bengaluru	100%	PO2, PO3, PO5, PSO1, PSO2
9	Prof. Archana J	Basic Building Materials	"Use of construction and demolition waste"	Technical talk	14/12/2020	Prof. Archana J, Assistant Professor, Civil Department, JSSATE - Bengaluru	100%	PO1, PO2, PO3, PSO1, PSO2,
10	Prof Apoorva S	Analysis of Indeterminate Structures	Learning from Structural Failure	Webinar	23/10/2021	Prof. Aravind Galagali, Ministry of water resource, Govt of India.	90%	PO1, PO2, PO3, PO4
11	Dr. Shashikumara S R	Quantity Surveying and Contracts Management - 17CV81	Estimation of Building	Unit Test	26/04/2021	Dr. Shashikumara S R Assistant Professor, Civil Department, JSSATE - Bengaluru	100%	PO1, PO2, PO3, PSO1, PSO2, PSO3
12	Dr. Hemalatha H. N.	Municipal and Industrial Waste Water Engineering (18CV55/C305 and 15CV71/C401)	Demonstration of Activated Sludge Process	Technical Talk	14/10/2020	Dr. Hemalatha H. N. Assistant Professor, Civil Department, JSSATE - Bengaluru	100%	PO1, PO2, PO3, PO4, PO6, PO7, PSO1, PSO2, PSO3
13	Dr. Hemalatha H. N.	Water Supply and Treatment Engineering (18CV46/C215)	Design of Water Treatment Plant Units	Technical Talk	03/06/2021	Dr. Hemalatha H. N. Assistant Professor, Civil Department, JSSATE - Bengaluru	100%	PO1, PO2, PO3, PO4, PO6, PO7, PO8, PSO1, PSO2, PSO3

14	Prof. Basavaraj Akki	Water Supply and Treatment Engineering (18CV46/C215)	Design of Water Treatment Plant Units	Technical Talk	03/06/2021	Dr. Hemalatha H. N. Assistant Professor, Civil Department, JSSATE - Bengaluru	100%	PO1, PO2, PO3, PO4, PO6, PO7, PO8
15	Dr. Shashikumara S R	Fluid Mechanics - 18CV33	Numerical Problem Solving	Assignment	20/01/2021	Dr. Shashikumara S R Assistant Professor, Civil Department, JSSATE - Bengaluru	100%	PO1, PO2, PO3, PO4, PSO1, PSO2
16	Dr. Sanjay Shekar N C	Hydrology and Irrigation Engineering- 17CV73	Integrated Water Resources Management	Technical talk	25/09/2020	Dr. Sanjay Shekar N C Associate Professor, Civil Department, JSSATE	100	PO4, PO5, PO6, PO7, PSO3
17	Dr. Sanjay Shekar N C	Ground Water Hydrology- 17CV742	Sustainable Ground Water Management	Technical talk	24/9/2020	Dr. Sanjay Shekar N C Associate Professor, Civil Department, JSSATE	100	PO4, PO5, PO6, PO7, PSO3
18	Prof. Pramukh N	Concrete Technology	Grades of Concrete and Application of different grades	Technical Talk	13/04/2021	Prof. Pramukh N Assistant Professor, Civil Department, JSSATE - Bengaluru	100%	PO1, PO2, PO3, PO4, PO8, PSO1, PSO2, PSO3
19	Dr Santhosh B S	Concrete Technology (18CV44)	Analysis and Design of Mix Proportion & Analyzing the Fresh and Hardened Properties of a prepared Concrete Mix using IS-Codes	Mini Project	23/05/2021	Dr Santhosh B S, Associate Professor, Department of Civil Engineering, JSSATEB	100%	PO2, PO3, PO4, PO8, PSO1, PSO2, PSO3



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1	Dr. Hemalatha H N	Municipal Waste Water Engineering – 18CV55	Design of Sludge digestion tanks	Technical talk	29/11/2021	Dr. Hemalatha H N Associate Professor, Civil Department, JSSATE	100	CO5, PO1, PO2, PO3, PSO1, PSO2
2	Dr. Hemalatha H N	Air Pollution And Control – 18CV732	Odour pollution and its control	Technical talk	30/11/2021	Dr. Hemalatha H N Associate Professor, Civil Department, JSSATE	100	CO2, PO1, PO2, PSO1, PSO3
3	Abhishek R	Construction Management and Entrepreneurship 18CV51	Future Technologies and Employability in Built Environment	Webinar	18/10/2021	Prof. Anupam Saxena Mrics, Asso. Dean & Director, School of Real Estate & Infrastructure, RICS SBE, Noida.	100	PO9, PO10, PO11, PSO2
4	Dr. Sanjay Shekar N C	Hydrology and Irrigation Engineering- 17CV73	Integrated Water Resources Management	Technical talk	06/08/2021	Dr. Sanjay Shekar N C Associate Professor, Civil Department, JSSATE	100	PO4, PO5, PO6, PO7, PSO3
5	Dr. Sanjay Shekar N C	Ground Water Hydrology- 17CV742	Sustainable Ground Water Management	Technical talk	20/12/2021	Dr. Sanjay Shekar N C Associate Professor, Civil Department, JSSATE	100	PO4, PO5, PO6, PO7, PSO3
6	Abdul Razak B H	Design of RCC and Steel structures - 18CV72	Composite construction	Technical Talk	25/01/2022	Dr Abdul Razak B H, Assistant Professor, Department of Civil Engineering, JSSATEB	100%	PO1, PO2, PO3, PO4, PO7, PO8, PO9, PO10, PSO1, PSO3

7	Dr. Hemalatha H N	Water Supply and Treatment Engineering – 18CV46	Methods of laying of water supply lines	Technical Talk	13/07/2022	Dr. Hemalatha H N Associate Professor, Civil Department, JSSATE	100%	CO4, PO2, PO3, PSO1, PSO2
8	Dr. Abdul Razak B H	Design of Steel Structural Elements - 18CV61	Evaluation of Structure-Life Cycle Cost Analysis	Webinar	08/06/2022	Mr. A.K. Samanta, GM-Mechanical-INS DAG	100%	PO2, PO8, PO12
9	Mr. Basavaraj Akki	Applied Geotechnical Engineering - 18CV62	Construction of Pile Foundations	Technical Talk	11/07/2022	Mr. Basavaraj Akki, Asst. Professor	100%	PO1, PO2, PO3, PSO1, PSO2, PSO3
10	Rashmi SM	Railways, Harbors, Tunneling and Airports 18CV645	Construction of Railway tracks using Modern equipments	Technical Talk	02/07/2022	Rashmi SM	100%	PO5, PO6, PO7, PO9, PO10, PO11, PSO1, PSO2, PSO3