



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 CONTENT BEYOND SYLLABUS FOR AY 2023-24

SI 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	Dr. Sanjay Shekhar N C	Data Analytics with Excel	Analyze the MS Project for Construction Planning	Power-point presentation	12-11-2023	Dr. Sanjay Shekar N C Associate Professor, Civil Department, JSSATE - Bengaluru	90	PO1,PO2, PO3,PO4, PO5,PO8, PO9,PO10 PSO1,PSO2,PSO3
2	Dr. Hemalatha. H.N	Water Supply And Wastewater Engineering (BCV304)	Wastewater management strategies and treatment plant visit	Power-point presentation	22-10-2023	Dr. Hemalatha H. N. Associate Professor, Civil Department, JSSA Op TE - Bengaluru	95	PO1,PO2, PO3,PO4, PO6,PO7, PO8, PSO1,PSO2,PSO3
3	Dr. Abdul Razak.B.H	Design of RCC and steel structures- 18CV72	Technical Lecture- Recent developments in steel structures	Power-point presentation	28-11-2023	Er.H.R.Girish, Hon. Chairman, ICI-Bengaluru Centre & Managing Director and CEO of M/s Girish Ventures, Bangalore. Er. Ravindranath. B. V., Chief Consultant, Ravindranath & Associates & Managing Committee Member, ICI Bengaluru Centre.	60	PO6,PO10, PO12,PSO3
4	Dr. Shashikumara.S.R	Rehabilitation and Retrofitting - 18CV824	Syllabus - Implication of IS 456 - 2000 on influence of climate conditions on concrete -Codal consideration in designing a	Self Study	09-05-2024	Dr. Shashikumara S R, Assistant Professor, Dept. of Civil Engineering, JSSATEB, Bangalore	90	PO1,PO2, PO3,PO4, PO5,PO8, PO6,PO8 PSO1,PSO2,PSO3

			<p> durable concrete -Concrete cover implication on fire resistance of structural elements</p>					
5	Rashmi.S.M	Railways, Harbour, Tunneling and Airports-21CV643	History of Indian Railways	Power-point presentation	24.07.2024	RASHMI.S.M Asst. Professor, Civil Department, JSSATE - Bengaluru	95%	PO1, PO2 PSO1, PSO2
6	Abhishek.R	Hydrology And Water Resource Engineering (21CV51)	Weather forecasting and its importance	Industrial Visit	Jan 2024		100	PO1, PO2 PSO1, PSO2
7	Abhishek.R	Construction Management And Entrepreneurship (21CV61)	Introduction to Formwork and its types	Video Demonstration and reporting by students	July 2024	Abhishek R Asst. Professor, Civil Department, JSSATE - Bengaluru	95%	PO9, PO10, PO11 PSO1
8	Harshitha.M.N	Strength of Materials BCV301	Opportunities for structural engineers	Technical Talk	29.01.2024	Jnana Software Technologies Pvt Ltd	95%	PO1, PO2,PSO1 , PSO2
9	Apoorva S	Analysis of Structures (BCV401)	Analysis of beams and frames using Etabs	Video demonstration	02-08-22024	Apoorva S AsstProfessor, Civil Department, JSSATE - Bengaluru	90%	PO4,PO5, PO9,PO12, PSO1
10	Basavaraj Akki	Transportation Engineering (BCV403)	History of highway planning in India.	Power-point presentation	07-07-2024	Basavaraj Akki, Asst. Professor, Civil Department, JSSATE - Bengaluru	95%	PO1, PO6, PSO1
11	Basavaraj Akki	Geotechnical Engineering (21CV54)	Computing the bearing capacity of soil using CBR test for pavement design	Power-point presentation	28-02-2024	Basavaraj Akki, Asst. Professor, Civil Department, JSSATE - Bengaluru	95%	PO1, PO2, PO4, PSO1, PSO2



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1	Dr. Sanjay Shekhar N C	Data Analytics with Excel	Analyze the MS Project for Construction Planning	Power-point presentation	15-11-2024	Dr. Sanjay Shekar N C Associate Professor, Civil Department, JSSATE - Bengaluru	90	PO1,PO2, PO3,PO4, PO5,PO8, PO9,PO10 PSO1,PSO2,PSO3
2	Dr. Hemalatha. H.N	Watersupply And Wastewater Engineering (BCV304)	Wastewater management strategies and treatment plant visit	Power-point presentation	22-10-2024	Dr. Hemalatha H. N. Associate Professor, Civil Department, JSSATE - Bengaluru	95	PO1,PO2, PO3,PO4, PO6,PO7, PO8, PSO1,PSO2,PSO3
3	Dr. Hemalatha. H.N	Watershed Management (BCV405D)	Watershed management practices in India	Power-point presentation	23-04-2025	Dr. Hemalatha H. N. Associate Professor, Civil Department, JSSATE - Bengaluru	85	PO6,PO7, PO8, PSO2,PSO3
4	Dr. Hemalatha. H.N	Sustainable Development Goals (BCV654D)	Sustainability goals adopted at JSSATEB	Power-point presentation	22-04-2025	Dr. Hemalatha H. N. Associate Professor, Civil Department, JSSATE - Bengaluru	85	PO6,PO7, PO8, PSO2,PSO3
5	Dr. Abdul Razak.B.H	Irrigation Engineering and Hydraulic Structures-BCV602	Use of soil moisture sensors and IoT devices.	Power-point presentation	22-05-25	Dr.Abdul Razak B H, Assistant Professor, Department of Civil Engineering, JSSATE-Bengaluru	20	PO1,PO2, PO3,PO4, PO5, PO6,PO7, PO12, PSO1,PSO2,PSO3
6	Dr. Shashikumara.S.R	Quantity Survey and Contract Management	<u>Syllabus</u> -What is unified schedule rate? -Department covered under	Discussion on Unified Schedule Rate	30.10.2024	Dr. Shashikumara S R, Assistant Professor, Dept. of Civil Engineering, JSSATEB, Bangalore	100	PO1,PO2, PO3,PO4, PO6,PO1, PSO1,PSO2,PSO3

			Unified Schedule Rate -Cost materials, rate analysis and labour wages -New specification included					
7	Rashmi.S.M	Pavement Design-21CV743	Sustainable Pavement	Power-point presentation	19.12.2024	Rashmi.S.M Asst. Professor, Civil Department, JSSATE - Bengaluru	95%	PO1,PO2, PO5,PO12 ,PSO1,PSO2,PSO3
8	Abhishek.R	CONSTRUCTION MANAGEMENT AND ENTREPRENEURSHIP	Different Types of Equipment Used in Various Construction Activities	Video Demonstration and reporting by students	Nov 2024	Abhishek R Asst. Professor, Civil Department, JSSATE - Bengaluru	95%	PO9, PO10, PO11 PSO1
9	Harshitha.M.N	Analysis of Structures (BCV401)	Career pathway for structural engineers	Technical Talk	23.09.2024	Delta T Pvt Ltd	95%	PO4,PO5, PO9,PO12 ,PSO1
10	Apoorva S	Strength of materials (BCV301)	Application of curved beams	Power-point presentation	Nov 2024	Apoorva S Asst. Professor, Civil Department, JSSATE - Bengaluru	85%	PO1,PO2, PO5,PO12 ,PSO1,PSO2,PSO3
11	Basavaraj Akki	Geotechnical Engineering (BCV502)	Computing the bearing capacity of soil using CBR test for pavement design	Power-point presentation	18-12-2024	Basavaraj Akki, Asst. Professor, Civil Department, JSSATE - Bengaluru	92%	PO1, PO2, PO4, PSO1, PSO2