KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE, WARANGAL-15 DEPARTMENT OF PS AND M&H



No. /PS/M&H/KITS/2024 Date: 27/09/2024

CIRCULAR

Sub: I Semester -Allotment of Practicum topics- Reg.

INSTRUCTIONS

Students:

- 1. The students should meet immediately the allotted course faculty for practicum and start working on the practicum with the guidance of course faculty.
- 2. To complete the Practicum, the student shall work in laboratories under supervision of allotted course faculty, in the allotted hours in the classwork timetable and also outside the class work hours during weekdays.

Practicum/Course Faculty:

- 1. The course faculty are advised to guide the allotted students for practicum during the semester course work.
- 2. In case of any clash in respect of practicum slot and practicum-faculty classwork, the practicum faculty should allot 4.00 p.m. to 6.00 p.m. slot to their practicum students on any full day. The same shall be informed to the class teacher, for record

Following are the practicum topics allotted to the I semester students of 1EEE section.

Section: 1EEE

S.No.	Roll number of the student	Practicum topic allotted	Practicum under the course	Course faculty
1	B24EE001	Geometric series with application to	Differential	Dr.K.Venumadav
		Algorithm analysis and Data structures.	Calculus and	
			Ordinary	
			Differential	
			Equations	
			(DCODE)	
2	B24EE002	Convergence of an Infinite series and	DCODE	Dr.K.Venumadav
		Application to Signal Processing.		
3	B24EE003	Rolle's Theorem and Application to	DCODE	Dr.K.Venumadav
		Environmental Monitoring.		
4	B24EE004	Rolle's Theorem and Application to	DCODE	Dr.K.Venumadav
		Application to Electrical Engineering.		
5	B24EE005	Lagrange's mean value theorem and	DCODE	Dr.K.Venumadav
		Application to Electrical Engineering.		
6	B24EE006	Lagrange's method of undetermined	DCODE	Dr.K.Venumadav
		multipliers and Application to Electrical		

Taylor Series and Application to Real world problems.				Engineering.		
Real world problems Partial Differentiation and Applications to Electrical Engineering.	umadav	Dr.K.Venur	DCODE		B24EE007	7
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to Electrical Engineering. First order Linear Differential Equations DCODE Dr.K.Venur Solution and Application to Electrical Engineering. Beauting Differential Equations and Application to Electrical Engineering. Building Electronics Kaleidoscope Engineering Physics (EP) Electrical Engineering. Building Electronics Kaleidoscope Engineering Physics (EP) Electrical Engineering. Building Electronics Kaleidoscope Engineering Physics (EP) Electrical Engineering. Dr. A. N. M.	umaday	Dr K Venur	DCODE	•	B24FF008	8
Packed P	umauav	DI.K. Vellul	DCODE		D24EE000	0
John Properties John Prope		Du V Vansuu	DCODE		D24EE000	0
Engineering. Engineering. Dr. A. N. M.	umadav	Dr.K. venur	DCODE		B24EE009	9
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B24EE011 Physics (EP)				U U		
12 B24EE012 PIN Diode-Based Fire Sensor EP Dr. A. N. M. M. B24EE013 Analyze the dispersion of light in a prism and its effects on a spectrum.	Mallika	Dr. A. N. M	Engineering	Building Electronics Kaleidoscope		11
12 B24EE012 PIN Diode-Based Fire Sensor EP Dr. A. N. M. B24EE013 LED Flasher: Create a circuit that flashes an LED on and off. 14			Physics		B24EE011	
13 B24EE013 LED Flasher: Create a circuit that flashes an LED on and off. Analyze the dispersion of light in a prism and its effects on a spectrum. EP Dr. A. N. M 15 B24EE015 Create a holographic display using a laser and holographic plate. Series circuit art - create patterns with lights and switches Using the phenomenon of interference of light for determine the thickness of a thin film Study the behaviour of waves by analyzing their properties such as frequency, wavelength, and amplitude EP Dr. A. N. M 18 B24EE018 Counter With Overload Alert Alarm for Child Safety in 40-Seater Bus Investigate Magnetic Field around a Current-Carrying Coil Design of DC Bridge circuit to determine Unknown Resistance(R) in MATLAB Simulink. EMS Sri. M. Sri. M			(EP)			
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Malliko (Signature of class teacher) Dr. A N Mallika