

CIRCULAR*Sub: IL Semester -Allotment of Practicum topics– Reg.**Allotment of Practicum topics to students**Section :2ECE3....*

S.No.	Roll number of the student	Practicum topic allotted	Practicum under the course	Course faculty
1	B24EC129	Purification of KITSW well water by Reverse Osmosis (RO)	EC (U24CY202E)	Dr. G. Sridhar
2	B24EC130	Investigating the Effectiveness of Conductometric Titration in Determining the Concentration of Acids and Bases	EC (U24CY202E)	Dr. G. Sridhar
3	B24EC131	Comparative Analysis of Hardness of Ground water by complexometric method	EC (U24CY202E)	Dr. G. Sridhar
4	B24EC132	Removal of Heavy Metals from sewage water using Adsorption Techniques	EC (U24CY202E)	Dr. G. Sridhar
5	B24EC133	Optimization of Electrochemical Parameters for Water Purification	EC (U24CY202E)	Dr. G. Sridhar
6	B24EC134	Comparative Study of Different Disinfection Methods for Water Treatment	EC (U24CY202E)	Dr. G. Sridhar
7	B24EC135	Removal of Emerging Contaminants from Water using Nanofiltration	EC (U24CY202E)	Dr. G. Sridhar
8	B24EC136	Investigation of Corrosion Resistance in Stainless Steel Alloys	EC (U24CY202E)	Dr. G. Sridhar
9	B24EC137	Comparison of Water Hardness in Different Water Sources	EC (U24CY202E)	Dr. G. Sridhar
10	B24EC138	Comparative Study of Conductometric and Potentiometric Titration Methods for Determining Calcium, Magnesium, and Phosphate Ion Concentrations	EC (U24CY202E)	Dr. G. Sridhar
11	B24EC139	Investigation of the Electrochemical Performance of Lithium-Ion Batteries	EC (U24CY202E)	Dr. G. Sridhar
12	B24EC140	Investigation of Food Dye Concentration using Colorimetric Analysis	EC (U24CY202E)	Dr. G. Sridhar
13	B24EC141	Quantification of Ascorbic Acid in Fruit Juices using permanganometric method.	EC (U24CY202E)	Dr. G. Sridhar

14	B24EC142	Design of Full Wave Rectifier circuit.	Electronic Circuits (U24EC203)	Dr. S. Umamaheshwar
15	B24EC143	Analysis of Series and Shunt Clippers	Electronic Circuits (U24EC203)	Dr. S. Umamaheshwar
16	B24EC144	Analysis of Negative Clamper Circuit for a Sinusoidal input	Electronic Circuits (U24EC203)	Dr. S. Umamaheshwar
17	B24EC145	Transistor as a Switch	Electronic Circuits (U24EC203)	Dr. S. Umamaheshwar
18	B24EC146	Design and analysis of frequency response of Single stage RC Coupled Amplifier	Electronic Circuits (U24EC203)	Dr. S. Umamaheshwar
19	B24EC147	JFET as voltage variable resistor	Electronic Circuits (U24EC203)	Dr. S. Umamaheshwar
20	B24EC148	Design of Zener Shunt Voltage Regulator	Electronic Circuits (U24EC203)	Dr. S. Umamaheshwar
21	B24EC149	Design analysis of Self bias circuit for BJT	Electronic Circuits (U24EC203)	Dr. S. Umamaheshwar
22	B24EC150	Design of L section filter circuit	Electronic Circuits (U24EC203)	Dr. S. Umamaheshwar
23	B24EC151	Shunt biased Clipper circuit	Electronic Circuits (U24EC203)	Dr. S. Umamaheshwar
24	B24EC152	Analysis of Q-point for BJT	Electronic Circuits (U24EC203)	Dr. S. Umamaheshwar
25	B24EC153	Determination of h-parameters of a BJT in CE configuration.	Electronic Circuits (U24EC203)	Dr. S. Umamaheshwar
26	B24EC154	Design and analysis of Emitter Follower Circuit	Electronic Circuits (U24EC203)	Dr. S. Umamaheshwar
27	B24EC155	Crime Rate Analysis	DS (U24EC204)	P. Chiranjeevi
28	B24EC156	Traffic Management System	DS (U24EC204)	P. Chiranjeevi
29	B24EC157	Emergency Helpline System	DS (U24EC204)	P. Chiranjeevi
30	B24EC158	Hospital Patient Management	DS (U24EC204)	P. Chiranjeevi
31	B24EC159	Waste Collection Optimization	DS	P. Chiranjeevi

			(U24EC204)	
32	B24EC160	Food Distribution System	DS (U24EC204)	P. Chiranjeevi
33	B24EC161	School Admission System	DS (U24EC204)	P. Chiranjeevi
34	B24EC162	Water Supply Management	DS (U24EC204)	P. Chiranjeevi
35	B24EC163	Library Automation System	DS (U24EC204)	P. Chiranjeevi
36	B24EC164	Public Transport System	DS (U24EC204)	P. Chiranjeevi
37	B24EC165	Blood Bank Management	DS (U24EC204)	P. Chiranjeevi
38	B24EC166	Online Learning Management	DS (U24EC204)	P. Chiranjeevi
39	B24EC167	Citizen Grievance System	DS (U24EC204)	P. Chiranjeevi
40	B24EC168	ONE ACT PLAY: A SPECIAL REFERENCE TO "THE DEATH TRAP"	ECRW (U24MH205)	Dr.D.Vidyanath
41	B24EC169	PERINI A DANCE FORM OF THE KAKATIYA PERIOD	ECRW (U24MH205)	Dr.D.Vidyanath
42	B24EC170	VILLAGE GODDESSES A SPECIAL REFERENCE TO POCHAMMA	ECRW (U24MH205)	Dr.D.Vidyanath
43	B24EC171	FRIENDSHIP IN RAMAYANA	ECRW (U24MH205)	Dr.D.Vidyanath
44	B24EC172	FOLK SONGS RELATED TO BATUKAMMA FESTIVAL	ECRW (U24MH205)	Dr.D.Vidyanath
45	B24EC173	METERS IN WRITING POETRY: A SPECIAL REFERENCE TO BALLAD	ECRW (U24MH205)	Dr.D.Vidyanath
46	B24EC174	MOGILICHARLA A HISTORIC VILLAGE	ECRW (U24MH205)	Dr.D.Vidyanath
47	B24EC175	CHINDU A FOLK DANCE FORM OF TELANGANA	ECRW (U24MH205)	Dr.D.Vidyanath
48	B24EC176	WOMEN POSITION DURING KAKATIYA PERIOD	ECRW (U24MH205)	Dr.D.Vidyanath
49	B24EC177	HANUMAKONDA THE FIRST CAPITAL OF THE KAKATIYAS	ECRW (U24MH205)	Dr.D.Vidyanath
50	B24EC178	RAMAYANAS WRITTEN IN KAKATIYA PERIOD.	ECRW (U24MH205)	Dr.D.Vidyanath

51	B24EC179	MELONCHOLIC POEM : A SPECIAL REFERENCE TO ODE TO NIGHTINGALE OF JHON KEATS	ECRW (U24MH205)	Dr.D.Vidyanath
52	B24EC180	Linear Systems Approach to Machine Learning for Signal Processing in Electronics	MTVC (U24MH201)	Dr. D. Rajaiah
53	B24EC181	Linear System Identification for Machine Learning in Electronics Engineering	MTVC (U24MH201)	Dr. D. Rajaiah
54	B24EC182	Using Machine Learning to Enhance Stability in Linear Systems in Electronics Applications	MTVC (U24MH201)	Dr. D. Rajaiah
55	B24EC183	Linear System Optimization for Embedded Electronics Using Machine Learning	MTVC (U24MH201)	Dr. D. Rajaiah
56	B24EC184	Machine Learning Models for Adaptive Linear Systems in Electronics Applications	MTVC (U24MH201)	Dr. D. Rajaiah
57	B24EC185	Deep Learning for Linear System Control in Electronics Applications	MTVC (U24MH201)	Dr. D. Rajaiah
58	B24EC186	Machine Learning Techniques for Linear System Modelling in Power Electronics	MTVC (U24MH201)	Dr. D. Rajaiah
59	B24EC187	Data-Driven Linear Systems Identification in Machine Learning for Electronics	MTVC (U24MH201)	Dr. D. Rajaiah
60	B24EC188	Neural Networks Solving Linear Systems	MTVC (U24MH201)	Dr. D. Rajaiah
61	B24EC189	Deep Neural Networks for Solving Large Linear Systems Arising from High-Dimensional Problems	MTVC (U24MH201)	Dr. D. Rajaiah
62	B24EC190	Applications for the System of Linear Equations in Internet Router Modelling	MTVC (U24MH201)	Dr. D. Rajaiah
63	B24EC191	Internet Router Modelling using Stochastic Matrices	MTVC (U24MH201)	Dr. D. Rajaiah
64	B24EC192	Internet Router Modelling using Circulant Stochastic Matrices	MTVC (U24MH201)	Dr. D. Rajaiah

Note:

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.

3. The course faculty are advised to guide the allotted students for practicum during the semester course work.


(Signature of class teacher)

(Dr. G. Sordhes)