

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

S.N o.	Roll number of the student	Practicum topic allotted	Practicum under the course	Course faculty
1	B24EE001	Analysis of pH Levels in common household solutions and their practical applications.	U24CY202D	Dr.V.Sunil Kumar
2	B24EE002	Investigating the corrosion rate of iron metals in different environments	U24CY202D	Dr.V.Sunil Kumar
3	B24EE003	Analyzing of portable turbidity meters: Dissection and operational analysis of market.	U24CY202D	Dr.V.Sunil Kumar
4	B24EE004	Investigating the corrosion rate of iron metals in different environments and its prevention by different coating methods.	U24CY202D	Dr.V.Sunil Kumar
5	B24EE005	Investigating the RO water purification system in use at our college: principles and operational Insight	U24CY202D	Dr.V.Sunil Kumar
6	B24EE006	Exploring the functionality of colorimetry for identifying the dye concentration.	U24CY202D	Dr.V.Sunil Kumar
7	B24EE007	Analyzing acid mixture concentrations by potentiometric techniques and their practical applications.	U24CY202D	Dr.V.Sunil Kumar
8	B24EE008	Analyzing water quality parameters in groundwater and drinking water based on WHO guidelines.	U24CY202D	Dr.V.Sunil Kumar
9	B24EE009	Studying dye detection through colorimetric analysis and their applications.	U24CY202D	Dr.V.Sunil Kumar
10	B24EE010	Analyzing acid mixture concentrations by conductometric techniques and their practical uses.	U24CY202D	Dr.V.Sunil Kumar

11	B24EE011	Analysis of pH levels in cosmetic products and their practical applications.	U24CY202D	Dr.V.Sunil Kumar
12	B24EE012	Investigating the properties of biodegradable plastics and their applications.	U24CY202D	Dr.V.Sunil Kumar
13	B24EE013	Solar-powered Battery Charger	B24CI203	Mrs.K.Shailaja
14	B24EE014	Automatic Night Light	B24CI203	Mrs.K.Shailaja
15	B24EE015	Basic Digital Clock with Alarm Function	B24CI203	Mrs.K.Shailaja
16	B24EE016	Automatic Plant Watering System	B24CI203	Mrs.K.Shailaja
17	B24EE017	RFID-Based Door Lock System	B24CI203	Mrs.K.Shailaja
18	B24EE018	Obstacle Avoidance Robot	B24CI203	Mrs.K.Shailaja
19	B24EE019	Smart Home Lighting System	B24CI203	Mrs.K.Shailaja
20	B24EE020	Object Detection System Based on Sound	B24CI203	Mrs.K.Shailaja
21	B24EE021	Water Level-Based Automatic Water Pump Controller	B24CI203	Mrs.K.Shailaja
22	B24EE022	Intelligent Doorbell with Light Indicator	B24CI203	Mrs.K.Shailaja
23	B24EE023	Simple Traffic Light Controller	B24CI203	Mrs.K.Shailaja
24	B24EE024	Simulation and Testing of a Large Signal Amplifier Using SPICE Tools	B24CI203	Mrs.K.Shailaja
25	B24EE025	Electricity Bill calculator	B24EE204	Mr.K.Ajith
26	B24EE026	Cricket Score Sheet management System	B24EE204	Mr.K.Ajith.
27	B24EE027	Bank account management	B24EE204	Mr.K.Ajith
28	B24EE028	Scientific Calculator	B24EE204	Mr.K.Ajith
29	B24EE029	Online Voting System	B24EE204	Mr.K.Ajith
30	B24EE030	E -Library Management System	B24EE204	Mr.K.Ajith
31	B24EE032	Snake and Ladder Game	B24EE204	Mr.K.Ajith
32	B24EE033	Hospital Management System	B24EE204	Mr.K.Ajith
33	B24EE034	2048 Game	B24EE204	Mr.K.Ajith
34	B24EE035	Student Information Management System	B24EE204	Mr.K.Ajith
35	B24EE036	Telecom billing system	B24EE204	Mr.K.Ajith
36	B24EE037	Online Bus Reservation	B24EE204	Mr.K.Ajith
37	B24EE038	Engineering technology employed by Kakatiyas in temple construction	U24MH205	Dr.D.Vidyanath
38	B24EE039	Telugu gazals of Dr.C.Narayanareddy	U24MH205	Dr.D.Vidyanath
39	B24EE040	Na Godava of Kaloji Narayana Rao	U24MH205	Dr.D.Vidyanath
40	B24EE041	Perini dance of depicted in sculpture	U24MH205	Dr.D.Vidyanath
41	B24EE042	Aggalayya gutta of Hanmakonda	U24MH205	Dr.D.Vidyanath
42	B24EE043	Bammera a historic village of Pothana	U24MH205	Dr.D.Vidyanath
43	B24EE044	Panchakuta temple at Ramanujapur	U24MH205	Dr.D.Vidyanath

44	B24EE045	Inscription of Rudreshwara temple, Hanmakonda	U24MH205	Dr.D.Vidyanath
45	B24EE046	Hero stones of Warangal	U24MH205	Dr.D.Vidyanath
46	B24EE047	Women position in Kakatiya Period	U24MH205	Dr.D.Vidyanath
47	B24EE048	Jathara at Inavolu	U24MH205	Dr.D.Vidyanath
48	B24EE049	Analysis of a Electrical Circuit using Matrices	U24MH201	Dr. R.Ramesh
49	B24EE050	Population Dynamics using Matrix Models	U24MH201	Dr. R.Ramesh
50	B24EE051	Predicting Weather Patterns using Markov Chains and Matrices	U24MH201	Dr. R.Ramesh
51	B24EE052	Application of Markov Chains and Matrices to Analyze a Communication Network	U24MH201	Dr. R.Ramesh
52	B24EE053	Modelling Population Growth using Markov Chains and Matrices	U24MH201	Dr. R.Ramesh
53	B24EE054	Application of Eigen values and Eigen vectors to analyze the sensitivity of a Markov chain.	U24MH201	Dr. R.Ramesh
54	B24EE055	Application of Double Integrals to analyze Cost-Benefit Calculating the Net Present Value of a Project.	U24MH201	Dr. R.Ramesh
55	B24EE056	Application of Curl of a Vector to analyze Electromagnetic Field to calculate the magnetic field around a current-carrying wire.	U24MH201	Dr. R.Ramesh
56	B24EE057	Application of Vector Differentiation in Financial Modelling to Optimize Investment Strategies.	U24MH201	Dr. R.Ramesh
57	B24EE058	Electromagnetic Field Analysis- Application of Vector differentiation to Electric displacement field to determine the charge density.	U24MH201	Dr. R.Ramesh
58	B24EE059	Application of Vector differential operators to analyze Electromagnetic Field around a Charged Particle.	U24MH201	Dr. R.Ramesh
59	B24EE060	Application of Green's Theorem in Population Dynamics to Evaluate the Population Growth around a region.	U24MH201	Dr. R.Ramesh

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)
