

No. SEM-II /PS/M&H/KITS/2025

Date: 27/01/2025

CIRCULAR*Sub: II Semester -Allotment of Practicum topics– Reg.**Section : 2CSE5 (Allotment of Practicum topics to students)*

S. No	Roll number of the student	Practicum topic allotted	Practicum under the course	Course faculty
1	B24CS257	Evaluating The Effect Of Concentration On The Conductivity Of Electrolyte Solutions	EC	Dr. T.Madhukar Reddy
2	B24CS258	Effect Of Temperature On Conductometric Titration Curves	EC	Dr. T.Madhukar Reddy
3	B24CS259	Conductometric Titration Of A Mixture Of Acids: Identification And Quantification	EC	Dr. T.Madhukar Reddy
4	B24CS260	Determination Of The Equivalent Conductance Of Electrolyte Solutions By Conductometric Titration	EC	Dr. T.Madhukar Reddy
5	B24CS261	Comparative Study Of Conductometric And Visual Titration Methods For Strong Acid-Strong Base	EC	Dr. T.Madhukar Reddy
6	B24CS262	Comparative Study Of Potentiometric And Conductometric Titrations For Acid-Base Reactions	EC	Dr. T.Madhukar Reddy
7	B24CS263	Applications Of Potentiometric Titrations In Environmental Engineering: Heavy Metal Detection	EC	Dr. T.Madhukar Reddy
8	B24CS264	Reverse Osmosis (RO) For Desalination: Design And Performance Evaluation	EC	Dr. T.Madhukar Reddy
9	B24CS265	Advanced Filtration Techniques For Water Purification: A Study Of Activated Carbon And Ceramic Filters	EC	Dr. T.Madhukar Reddy
10	B24CS266	Impact Of Industrial Effluents On Water Quality: A Case Study	EC	Dr. T.Madhukar Reddy
11	B24CS267	Development Of A Water Quality Monitoring System Using Sensors	EC	Dr. T.Madhukar Reddy
12	B24CS268	Quantitative Analysis Of Hardness And Alkalinity In Various Water Sources	EC	Dr. T.Madhukar Reddy
13	B24CS269	Electrochemical Water Splitting For Hydrogen Production: A Study Of Electrolysis	EC	Dr. T.Madhukar Reddy

14	B24CS270	Implementing A Simple Web Server	OS	K.Nimitha
15	B24CS271	Implementing A Simple DNS Server	OS	K.Nimitha
16	B24CS272	Implementing A Simple File Transfer Protocol (FTP) Server	OS	K.Nimitha
17	B24CS273	Implementing A Simple Telnet Server	OS	K.Nimitha
18	B24CS274	Implementing A Simple SSH Server	OS	K.Nimitha
19	B24CS275	Implementing A Simple Voice Over IP (Voip) Client	OS	K.Nimitha
20	B24CS276	Implementing A Simple Peer-To-Peer File Sharing Application	OS	K.Nimitha
21	B24CS277	Implementing A Simple Chat Application	OS	K.Nimitha
22	B24CS278	Implementing A Simple Instant Messaging Application	OS	K.Nimitha
23	B24CS279	Implementing A Simple Video Conferencing Application	OS	K.Nimitha
24	B24CS280	Implementing A Simple Audio Streaming Application	OS	K.Nimitha
25	B24CS281	Implementing A Simple Video Streaming Application	OS	K.Nimitha
26	B24CS282	Implementing A Simple Blockchain Network	OS	K.Nimitha
27	B24CS283	Employee Management System Using Linked List.	DSC	V.Gouthami
28	B24CS284	Music Playlist Manager Using Linked Lists	DSC	V.Gouthami
29	B24CS285	Text Editor With Undo And Redo Operations Using Stack	DSC	V.Gouthami
30	B24CS286	Bank Account System (Using Linked List Or Stack)	DSC	V.Gouthami
31	B24CS287	Round-Robin Scheduling Algorithm Using A Circular Linked List	DSC	V.Gouthami
32	B24CS288	Hospital Patient Management System Using Linked List	DSC	V.Gouthami
33	B24CS289	To-Do List Manager Project In C. The Program Allows Users To Manage Tasks Using A Linked List.	DSC	V.Gouthami
34	B24CS290	Browser History Manager Using A Doubly Linked List.	DSC	V.Gouthami
35	B24CS291	Clock Using Circular Doubly Linked List Clock	DSC	V.Gouthami
36	B24CS292	Student Attendance Management System Using A File-Based Approach.	DSC	V.Gouthami
37	B24CS293	Train Station Ticket System Using Doubly Linked List	DSC	V.Gouthami
38	B24CS294	Contact Book (Or Address Book) Using A Doubly Linked List.	DSC	V.Gouthami
39	B24CS295	Dictionary Implementation In C	DSC	V.Gouthami
40	B24CS296	Superstitions In India	ECRW	M.Lakma Kumari
41	B24CS297	Draupadhi-A Simbol Of Women Empowerment In Mahabharatha	ECRW	M.Lakma Kumari
42	B24CS298	Gradual Disappearance Of Family Sysyem In India	ECRW	M.Lakma Kumari
43	B24CS299	A Discourse Analysis Of Rabindranath Story 'Sacrifice'	ECRW	M.Lakma Kumari
44	B24CS300	Indo-China Relationship	ECRW	M.Lakma Kumari
45	B24CS301	The Evil Practice Of Dowry (Bride-Price) In Indian Society- A Depiction Of Kanyashulkam Movie	ECRW	M.Lakma Kumari
46	B24CS302	Creativity Has Little Importancein Education Institutions-A Special Focus On Corporate Schools And Colleges	ECRW	M.Lakma Kumari

47	B24CS303	Self-Employment And Financial Independence	ECRW	M.Lakma Kumari
48	B24CS304	Artificial Intelligence-A Threat To Human Existence	ECRW	M.Lakma Kumari
49	B24CS305	Themes And Imagery In John Keats's Poems'ode On A Grecial Urn And Ode To Autumn	ECRW	M.Lakma Kumari
50	B24CS306	Translate Any Two Short Stories Of Tenali Ramalinga	ECRW	M.Lakma Kumari
51	B24CS307	The Effects Of Social Media On English Grammar And Usage	ECRW	M.Lakma Kumari
52	B24CS308	Living Relation- Decreasing Ethical Values	ECRW	M.Lakma Kumari
53	B24CS309	Applications Of Matrices In Computer Graphics And Image Transformation	MTVC	Dr. E. Ranjit Kumar
54	B24CS310	Applications Of Matrix Methods In Solving Electrical Network Equations	MTVC	Dr. E. Ranjit Kumar
55	B24CS311	Matrix Representation Of Graphs And Networks	MTVC	Dr. E. Ranjit Kumar
56	B24CS312	Modeling Fluid Flow And Continuity Equation Using Divergence Of Vector Field	MTVC	Dr. E. Ranjit Kumar
57	B24CS313	Computing Work Done By A Force Field Using Triple Integrals	MTVC	Dr. E. Ranjit Kumar
58	B24CS314	Application Of Vector Calculus In Robotics: Motion Planning And Control	MTVC	Dr. E. Ranjit Kumar
59	B24CS315	Vector Calculus In 3D Game Development: Modeling Light And Shadow	MTVC	Dr. E. Ranjit Kumar
60	B24CS316	Gradient Of Scalar Fields: Analyzing Temperature And Pressure Gradients In Engineering	MTVC	Dr. E. Ranjit Kumar
61	B24CS317	Vector Differentiation For Environmental Modeling: Air Pollution Dispersion	MTVC	Dr. E. Ranjit Kumar
62	B24CS318	Vector Differentiation In Robotics: Path Planning And Motion Control	MTVC	Dr. E. Ranjit Kumar
63	B24CS319	Divergence Theorem And Its Role In Heat Transfer Analysis	MTVC	Dr. E. Ranjit Kumar
64	B24CS320	Analyzing Wind Flow Patterns Using Line And Surface Integrals	MTVC	Dr. E. Ranjit Kumar
65	B24CS321	Vector Integration Applications In Satellite Trajectories	MTVC	Dr. E. Ranjit Kumar

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.

Dr. E. Ranjit Kumar
(Signature of class teacher)
