



Jaipur Engineering College and Research Centre, Jaipur

Experiential Learning 2024-25

First Year 2024-25

Lab + Theory = 95%

S. No	Subject Code	Subjects	Experiential Learning
1	1FY2-01	Engineering Mathematics-I	No
2	1FY2-02	Engineering Physics	Yes
3	1FY2-03	Engineering Chemistry	Yes
4	1FY1-04	Communication Skills	Yes
5	1FY1-05	Human Values	Yes
6	1FY3-06	Programming for Problem Solving	Yes
7	1FY3-07	Basic Mechanical Engineering	Yes
8	1FY3-08	Basic Electrical Engineering	Yes
9	1FY3-09	Basic Civil Engineering	Yes
10	1FY2-20	Engineering Physics Lab	Yes
11	1FY2-21	Engineering Chemistry Lab	Yes
12	1FY1-22	Language Lab	Yes
13	1FY1-23	Human Values Activities and Sports	Yes
14	1FY3-24	Computer Programming Lab	Yes
15	1FY3-25	Manufacturing Practices Workshop	Yes
16	1FY3-26	Basic Electrical Engineering Lab	Yes
17	1FY3-27	Basic Civil Engineering Lab	Yes
18	1FY3-28	Computer Aided Engineering Graphics	Yes
19	1FY3-29	Computer Aided Machine Drawing	Yes
20	1FY8-0X	Foundation Course: NCC/NSS/Sports	Yes
21	2FY2-01	Engineering Mathematics-II	No

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22	2FY2-02	Engineering Physics	Yes
23	2FY2-03	Engineering Chemistry	Yes
24	2FY1-04	Communication Skills	Yes
25	2FY1-05	Human Values	Yes
26	2FY3-06	Programming for Problem Solving	Yes
27	2FY3-07	Basic Mechanical Engineering	Yes
28	2FY3-08	Basic Electrical Engineering	Yes
29	2FY3-09	Basic Civil Engineering	Yes
30	2FY2-20	Engineering Physics Lab	Yes
31	2FY2-21	Engineering Chemistry Lab	Yes
32	2FY1-22	Language Lab	Yes
33	2FY1-23	Human Values Activities and Sports	Yes
34	2FY3-24	Computer Programming Lab	Yes
35	2FY3-25	Manufacturing Practices Workshop	Yes
36	2FY3-26	Basic Electrical Engineering Lab	Yes
37	2FY3-27	Basic Civil Engineering Lab	Yes
38	2FY3-28	Computer Aided Engineering Graphics	Yes
39	2FY3-29	Computer Aided Machine Drawing	Yes
40	1FY8-0X	Foundation Course: NCC/NSS/Sports	Yes

Total Subject – 40	Experiential Learning – 38	Percentage = 95%
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**Dean First Year
JECRC, Jaipur**

**Department of Civil Engineering****Experiential Learning 2024-25****Lab + Theory = 77%**

S. No	Subject Code	Subjects	Experiential Learning
1	3CE2-01	Advance Engineering Mathematics -I	No
2	3CE1-02/ 3CE1-03	Technical Communication /Managerial Economics & Financial Accounting	No
3	3CE3-04	Engineering Mechanics	Yes
4	3CE4-05	Surveying	Yes
5	3CE4-06	Fluid Mechanics	Yes
6	3CE4-07	Building Materials and Construction	Yes
7	3CE4-08	Engineering Geology	Yes
8	3CE4-21	Surveying Lab	Yes
9	3CE4-22	Fluid Mechanics Lab	Yes
10	3CE4-23	Computer Aided Civil Engineering Drawing	Yes
11	3CE4-24	Civil Engineering Materials Lab	Yes
12	3CE4-25	Geology Lab	Yes
13	3CE7-30	Industrial Training	Yes
14	FECxx	Foundation Courses	Yes
15	4CE2-01	Advance Engineering Mathematics -II	No
16	4CE1-03/ 4CE1-02	Managerial Economics & Financial Accounting/ Technical Communication	No
17	4CE3-04	Basic Electronics for Civil Engineering Applications	Yes
18	4CE4-05	Strength of Materials	Yes
19	4CE4-06	Hydraulics Engineering	Yes
20	4CE4-07	Building Planning	Yes
21	4CE4-08	Concrete Technology	Yes
22	4CE4-21	Material Testing Lab	Yes
23	4CE4-22	Hydraulics Engineering Lab	Yes
24	4CE4-23	Building Drawing	Yes
25	4CE4-24	Advanced Surveying Lab	Yes

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26	4CE4-25	Concrete Lab	Yes
27	FECxx	Foundation Courses	Yes
28	5CE3-01	Construction Technology & Equipment's	Yes
29	5CE4-02	Structural Analysis-I	Yes
30	5CE4-03	Design of Concrete Structures	Yes
31	5CE4-04	Geotechnical Engineering	Yes
32	5CE4-05	Water Resource Engineering	Yes
33	5CE5-11	Air & Noise Pollution and Control	Yes
34	5CE5-12	Disaster Management	Yes
35	5CE5-13	Town Planning	Yes
36	5CE5-14	Repair and Rehabilitation of Structures	Yes
37	5CE5-15	Ground Improvement Techniques	Yes
38	5CE5-16	Energy Science & Engineering	Yes
39	5CE4-21	Concrete Structures Design	Yes
40	5CE4-22	Geotechnical Engineering Lab	Yes
41	5CE4-23	Water Resource Engineering Design	Yes
42	5CE7-30	Industrial Training	Yes
43	FECxx	Foundation Courses	Yes
44	6CE3-01	Wind & Seismic Analysis	Yes
45	6CE4-02	Structural Analysis-II	Yes
46	6CE4-03	Environmental Engineering	Yes
47	6CE4-04	Design of Steel Structures	Yes
48	6CE4-05	Estimating & Costing	Yes
49	6CE5-11	Pre-stressed Concrete	Yes
50	6CE5-12	Solid and Hazardous Waste Management	Yes
51	6CE5-16	Geographic Information System & Remote Sensing	Yes
52	6CE4-21	Environmental Engineering Design and Lab	Yes
53	6CE4-22	Steel Structure Design	Yes
54	6CE4-23	Quantity Surveying and Valuation	Yes
55	6CE4-24	Water and Earth Retaining Structures Design	Yes

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56	6CE4-25	Foundation Design	Yes
57	6CE8-00	Foundation Courses	Yes
58	7CE4-01	Transportation Engineering	Yes
59	7AG6-60.2	Environmental and Disaster Management	Yes
60	7CE4-21	Road Material Testing Lab	Yes
61	7CE4-22	Professional Practices & Field Engineering Lab	Yes
62	7CE4-23	Soft Skills Lab	Yes
63	7CE4-24	Environmental Monitoring and Design Lab	Yes
64	7CE7-30	Practical Training	Yes
65	7CE7-40	Seminar	Yes
66	7CE8-00	SODECA	Yes
67	8CE4-01	Project Planning and Construction Management	Yes
68	8TT6-60.2	Disaster Management	Yes
69	8CE4-21	Project Planning & Construction Management Lab	Yes
70	8CE4-22	Pavement Design	Yes
71	8CE7-50	Project	Yes
72	8CE8-00	Social Outreach, Discipline & Extra-Curricular Activities	Yes

Total Subject – 72	Experiential Learning – 56	Percentage = 77%
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Head of Department
Head of the Department
(Civil Engineering)
JECRC Jaipur

**Department of Electrical Engineering****Experiential Learning 2024-25****Lab + Theory = 93%**

S. No	Subject Code	Subject Name	Experiential Learning
1	3EE2-01	Advance Mathematics	No
2	3EE1-02	Technical Communication	Yes
3	3EE3-04	Power generation Process	Yes
4	3EE4-05	Electrical Circuit Analysis	Yes
5	3EE4-06	Analog Electronics	Yes
6	3EE4-07	Electrical Machine - I	Yes
7	3EE4-08	Electromagnetic Field	Yes
8	3EE4-21	Analog Electronics Lab	Yes
9	3EE4-22	Electrical Machine-I Lab	Yes
10	3EE4-23	Electrical circuit design Lab	Yes
11	3EE7-30	Industrial Training	Yes
12	FECXX	Foundation Courses	Yes
13	4EE2-01	Biology	No
14	4EE1-03	Managerial Economics and Financial Accounting	No
15	4EE3-04	Electronic Measurement & Instrumentation	Yes
16	4EE4-05	Electrical Machine - II	Yes
17	4EE4-06	Power Electronics	Yes
18	4EE4-07	Signals & Systems	Yes
19	4EE4-08	Digital Electronics	Yes
20	4EE4-21	Electrical Machine - II Lab	Yes
21	4EE4-22	Power Electronics Lab	Yes
22	4EE4-23	Digital Electronics Lab	Yes
23	4EE4-24	Measurement Lab	Yes
24	FECXX	Foundation Courses	No
25	5EE3-01	Electrical Materials	Yes

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26	5EE4-02	Power System - I	Yes
27	5EE4-03	Control System	Yes
28	5EE4-04	Microprocessor	Yes
29	5EE4-05	Electrical Machine Design	Yes
30	5EE5-11	Restructured Power System	Yes
31	5EE4-21	Power System - I Lab	Yes
32	5EE4-22	Control System Lab	Yes
33	5EE4-23	Microprocessor Lab	Yes
34	5EE4-24	System Programming Lab	Yes
35	5EE7-30	Industrial Training	Yes
36	FECXX	Foundation Courses	Yes
37	6EE3-01	Computer Architecture	Yes
38	6EE4-02	Power System - II	Yes
39	6EE4-03	Power System Protection	Yes
40	6EE4-04	Electrical Energy Conversion and Auditing	Yes
41	6EE4-05	Electric Drives	Yes
42	6EE5-13	Electrical and Hybrid Vehicles	Yes
43	6EE4-21	Power System - II Lab	Yes
44	6EE4-22	Electric Drives Lab	Yes
45	6EE4-23	Power System Protection Lab	Yes
46	6EE4-24	Modelling and Simulation Lab	Yes
47	FECXX	Foundation Courses	Yes
48	7EE5-11	Wind and Solar Energy Systems	Yes
49	7CE6-60.1	Environmental Impact Analysis	Yes
50	7EE4-21	Embedded Systems Lab	Yes
51	7EE4-22	Advance control system lab	Yes
52	7EE7-30	Industrial Training	Yes
53	7EE7-40	Seminar	Yes
54	7EE8-00	SODECA	Yes
55	8EE4-11	HVDC Transmission System	Yes



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56	8AG6-60.1	Energy Management	Yes
57	8EE4-21	Energy Systems Lab Project	Yes
58	8EE7-50	Project	Yes
59	8EE7-50	SODECA	Yes

Total Subject Theory + Practical	Experiential Learning (Yes)	Percentage
59	55	93%

Praveen
Head of the Department
Electrical Engineering
JECRC, Jaipur

**Department of Electronics and Communication Engineering****Experiential Learning 2024-25****Lab + Theory = 93.22%**

S. No	Subject Code	Subjects	Experiential Learning
1	3EC2-01	Advanced Engineering Mathematics-I	No
2	3EC1-02	Technical Communication	No
3	3EC4-04	Digital System Design	Yes
4	3EC4-05	Signal & Systems	Yes
5	3EC4-06	Network Theory	Yes
6	3EC4-07	Electronics Devices	Yes
7	3EC4-21	Electronics Devices Lab	Yes
8	3EC4-22	Digital System Design Lab	Yes
9	3EC4-23	Signal Processing Lab	Yes
10	3EC3-24	Computer Programming Lab-I	Yes
11	3EC7-30	Industrial Training	Yes
12	FECxx	Foundation Courses	Yes
13	4EC2-01	Advanced Engineering Mathematics-II	No
14	4EC1-03	Managerial Economics and Financial Accounting	No
15	4EC4-04	Analog Circuits	Yes
16	4EC4-05	Microcontrollers	Yes
17	4EC3-06	Electronics Measurement & Instrumentation	Yes
18	4EC4-07	Analog and Digital Communication	Yes
19	4EC4-21	Analog and Digital Communication Lab	Yes
20	4EC4-22	Analog Circuits Lab	Yes
21	4EC4-23	Microcontrollers Lab	Yes
22	4EC4-24	Electronics Measurement & Instrumentation Lab	Yes
23	FECxx	Foundation Courses	Yes
24	5EC3-01	Computer Architecture	Yes
25	5EC4-02	Electromagnetic Waves	Yes
26	5EC4-03	Control System	Yes
27	5EC4-04	Digital Signal Processing	Yes
28	5EC4-05	Microwave Theory & Techniques	Yes
29	5EC5-14	Satellite Communication	Yes
30	5EC4-21	RF Simulation Lab	Yes
31	5EC4-22	Digital Signal Processing Lab	Yes
32	5EC4-23	Microwave Lab	Yes
33	5EC7-30	Industrial Training	Yes
34	FECxx	Foundation Courses	Yes
35	6EC 3-01	Power Electronics	Yes
36	6EC 4-02	Computer Network	Yes

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37	6EC 4-03	Fiber Optics Communications	Yes
38	6EC 4-04	Antennas and Propagation	Yes
39	6EC 4-05	5G Communication Technology	Yes
40	6EC 5-11	Introduction to MEMS	Yes
41	6EC 4-21	Computer Network Lab	Yes
42	6EC 4-22	Antenna and wave propagation Lab	Yes
43	6EC 4-23	Electronics Design Lab	Yes
44	6EC 4-24	Power Electronics Lab	Yes
45	FECxx	Foundation Courses	Yes
46	7EC5-11	VLSI Design	Yes
47	7AG6-60.2	Environmental Engineering and Disaster Management	Yes
48	7EC4-21	VLSI Design Lab	Yes
49	7EC4-22	5G communication Lab	Yes
50	7EC4-23	Optical Communication Lab	Yes
51	7EC7-30	Industrial Training	Yes
52	7EC7-40	Seminar	Yes
53	7EC8-00	Social Outreach, Discipline & Extra Curricular Activities	Yes
54	8EC5-12	Digital Image and Video Processing	Yes
55	8TT6-60.2	Disaster Management	Yes
56	8EC4-21	Internet of Things (IOT) Lab	Yes
57	8EC4-22	Skill Development Lab	Yes
58	8EC7-50	Project	Yes
59	8EC8-00	Social Outreach, Discipline & Extra Curricular Activities	Yes

Total Subject – 59	Experiential Learning – 55	Percentage = 93.22%
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Head of the Department
Electronics & Communication Engineering
JECRC, Jaipur

**Department of Information Technology****Experiential Learning 2024-25****Lab + Theory = 93.22%**

S. No	Subject Code	Subjects	Experiential Learning
1	3IT2-01	Advanced Engineering Mathematics	No
2	3IT1-03	Managerial Economics and Financial Accounting	No
3	3IT3-04	Digital Electronics	Yes
4	3IT4-05	Data Structures and Algorithms	Yes
5	3IT4-06	Object Oriented Programming	Yes
6	3IT4-07	Software Engineering	Yes
7	3IT4-21	Data Structures and Algorithms Lab	Yes
8	3IT4-22	Object Oriented Programming Lab	Yes
9	3IT4-23	Software Engineering Lab	Yes
10	3IT4-24	Digital Electronics Lab	Yes
11	3IT7-30	Industrial Training	Yes
12	FECxx	Foundation Courses	Yes
13	4IT2-01	Discrete Mathematics Structure	No
14	4IT1-02	Technical Communication	Yes
15	4IT3-04	Principle of Communication	Yes
16	4IT4-05	Database Management System	Yes
17	4IT4-06	Theory of Computation	No
18	4IT4-07	Data Communication and Computer Networks	Yes
19	4IT4-21	Linux Shell Programming Lab	Yes
20	4IT4-22	Database Management System Lab	Yes
21	4IT4-23	Network Programming Lab	Yes
22	4IT4-24	Java Lab	Yes
23	4IT4-25	Web Technology Lab	Yes
24	FECxx	Foundation Courses	Yes
25	5IT3-01	Microprocessor And Interfaces	Yes
26	5IT4-02	Compiler Design	Yes
27	5IT4-03	Operating System	Yes
28	5IT4-04	Computer Graphics & Multimedia	Yes
29	5IT4-05	Analysis of Algorithms	Yes
30	5IT5-12	Software Testing and Project Management	Yes
31	5IT4-21	Computer Graphics & Multimedia Lab	Yes
32	5IT4-22	Compiler Design Lab	Yes
33	5IT4-23	Analysis of Algorithms Lab	Yes

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34	5IT4-24	Advanced Java Lab	Yes
35	5IT7-30	Industrial Training	Yes
36	FECxx	Foundation Courses	Yes
37	6IT3-01	Digital Image Processing	Yes
38	6IT4-02	Machine Learning	Yes
39	6IT4-03	Information Security System	Yes
40	6IT4-04	Computer Architecture and Organization	Yes
41	6IT4-05	Artificial Intelligence	Yes
42	6IT4-06	Distributed System	Yes
43	6IT5-12	Cloud Computing	Yes
44	6IT4-21	Digital Image Processing Lab	Yes
45	6IT4-22	Machine Learning Lab	Yes
46	6IT4-23	Python Lab	Yes
47	6IT4-24	Mobile Application Development Lab	Yes
48	6IT4-25	5G communication Lab	Yes
49	FECxx	Foundation Courses	Yes
50	7IT4-01	Big Data Analytics	Yes
51	7CE6-60.1	Environmental Impact Analysis	Yes
52	7IT4-21	Big Data Analytics Lab	Yes
53	7IT4-22	Cyber Security Lab	Yes
54	7IT7-30	Industrial Training	Yes
55	7IT7-40	Seminar	Yes
56	7IT8-00	Social Outreach, Discipline & Extra Curricular Activities	Yes
57	8IT4-01	Internet of Things	Yes
58	8TT6-60.1	Material Human Resource and Development	Yes
59	8IT4-21	Internet of Things Lab	Yes
60	8IT4-22	Software Testing and Validation Lab	Yes
61	8IT7-50	Project	Yes
62	8IT8-00	Social Outreach, Discipline & Extra Curricular Activities	Yes

Total Subject – 62	Experiential Learning – 58	Percentage = 93.54%
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Head of the Department
Information Technology
JECRC, Jaipur

**Department of Mechanical Engineering****Experiential Learning 2024-25****Lab + Theory = 91.66%**

S. No	Subject Code	Subject	Experiential Learning
1	3ME2-01	Advance Engineering Mathematics-I	No
2	3ME1-03	Managerial Economics and Financial Accounting	No
3	3ME3-04	Engineering Mechanics	Yes
4	3ME4-05	Engineering Thermodynamics	Yes
5	3ME4-06	Materials Science and Engineering	Yes
6	3ME4-07	Mechanics of Solids	Yes
7	3ME4-21	Machine Drawing Practice	Yes
8	3ME4-22	Materials Testing Lab	Yes
9	3ME4-23	Basic Mechanical Engineering Lab	Yes
10	3ME4-24	Programming using MAT Lab	Yes
11	3ME7-30	Industrial Training	Yes
12	FECxx	Foundation Course	Yes
13	4ME2-01	Data Analytics	Yes
14	4ME1-02	Technical Communications	No
15	4ME3-04	Digital Electronics	Yes
16	4ME4-05	Fluid Mechanics and Fluid Machines	Yes
17	4ME4-06	Manufacturing Processes	Yes
18	4ME4-07	Theory of Machines	Yes
19	4ME4-21	Digital Electronics Lab	Yes
20	4ME4-22	Fluid Mechanics Lab	Yes
21	4ME4-23	Production Practice Lab	Yes
22	4ME4-24	Theory of Machines Lab	Yes
23	FECxx	Foundation Course	Yes
24	5ME3-01	Mechatronic Systems	Yes
25	5ME4-02	Heat transfer	Yes
26	5ME4-03	Manufacturing Technology	Yes
27	5ME4-04	Design of Machine Elements-I	Yes
28	5ME4-05	Principles of Management	No
29	5ME5-12	Automobile Engineering	Yes
30	5ME3-21	Mechatronic Lab	Yes
31	5ME4-22	Heat Transfer lab	Yes

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32	5ME4-23	Production Engineering Lab	Yes
33	5ME4-24	Machine Design Practice-I	Yes
34	5ME7-30	Industrial Training	Yes
35	FECxx	Foundation Courses	Yes
36	6ME3-01	Measurement and Metrology	Yes
37	6ME4-02	CIMS	Yes
38	6ME4-03	Mechanical Vibrations	Yes
39	6ME4-04	Design of Machine Elements-II	Yes
40	6ME4-05	Quality Management	No
41	6ME5-11	Refrigeration and Air Conditioning	Yes
42	6ME4-21	CIMS Lab	Yes
43	6ME4-22	Vibration lab	Yes
44	6ME4-23	Machine Design Practice-II	Yes
45	6ME4-24	Thermal Engineering Lab I	Yes
46	FECxx	Foundation Courses	Yes
47	7ME5-11	I.C. Engines	Yes
48	7EE6-60.2	Power Generation Sources	Yes
49	7ME4-21	FEA Lab	Yes
50	7ME4-22	Thermal Engineering Lab-II	Yes
51	7ME4-23	Quality Control Lab	Yes
52	7ME7-30	Industrial Training	Yes
53	7ME7-40	Seminar	Yes
54	7ME8-00	Social Outreach Discipline & Extra-Curricular Activities	Yes
55	8ME5-13	Additive Manufacturing	Yes
56	8MI6-60.2	Maintenance Management	Yes
57	8ME4-21	Industrial Engineering Lab	Yes
58	8ME4-22	Metrology Lab	Yes
59	8ME7-50	Project	Yes
60	8ME8-00	Social Outreach Discipline & Extra-Curricular Activities	Yes

Total Subject – 60	Experiential Learning – 55	Percentage = 91.66%
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**Head of the Department
Mechanical Engineering
JECRC, Jaipur**

**Department of Computer Science & Engineering****Experiential Learning 2024-25****Lab + Theory = 80.32%**

S. No	Subject Code	Subject Name	Experiential Learning
1	3CS2-01	Advanced Engineering Mathematics	No
2	3CS1-02	Technical Communication	No
3	3CS1-03	Managerial Economics and Financial Accounting	No
4	3CS3-04	Digital Electronics	Yes
5	3CS4-05	Data Structures and Algorithms	Yes
6	3CS4-06	Object Oriented Programming	Yes
7	3CS4-07	Software Engineering	Yes
8	3CS4-21	Data Structures and Algorithms Lab	Yes
9	3CS4-22	Object Oriented Programming Lab	Yes
10	3CS4-23	Software Engineering Lab	Yes
11	3CS4-24	Digital Electronics Lab	Yes
12	3CS7-30	Industrial Training	Yes
13	FECxx	Foundation Courses	No
14	4CS2-01	Discrete Mathematics Structure	Yes
15	4CS1-03	Managerial Economics and Financial Accounting	No
16	4CS1-02	Technical Communication	No
17	4CS3-04	Microprocessor & Interfaces	Yes
18	4CS4-05	Database Management System	Yes
19	4CS4-06	Theory of Computation	Yes
20	4CS4-07	Data Communication and Computer Networks	Yes
21	4CS4-21	Microprocessor & Interfaces Lab	No
22	4CS4-22	Database Management System Lab	Yes
23	4CS4-23	Network Programming Lab	Yes
24	4CS4-24	Linux Shell Programming Lab	Yes
25	4CS4-25	Java Lab	Yes
26	FECxx	Foundation Courses	No
27	5CS3-01	Information Theory & Coding	Yes
28	5CS4-02	Compiler Design	No
29	5CS4-03	Operating System	Yes
30	5CS4-04	Computer Graphics & Multimedia	Yes
31	5CS4-05	Analysis of Algorithms	Yes
32	5CS5-11	Wireless Communication	Yes
33	5CS4-21	Computer Graphics & Multimedia Lab	Yes

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34	5CS4-22	Compiler Design Lab	Yes
35	5CS4-23	Analysis of Algorithms Lab	Yes
36	5CS4-24	Advance Java Lab	Yes
37	5CS7-30	Industrial Training	Yes
38	FECxx	Foundation Courses	No
39	6CS3-01	Digital Image Processing	Yes
40	6CS4-02	Machine Learning	Yes
41	6CS4-03	Information Security System	Yes
42	6CS4-04	Computer Architecture and Organization	No
43	6CS4-05	Artificial Intelligence	Yes
44	6CS4-06	Cloud Computing	Yes
45	6CS5-11	Distributed System	Yes
46	6CS4-21	Digital Image Processing Lab	Yes
47	6CS4-22	Machine Learning Lab	Yes
48	6CS4-23	Python Lab	Yes
49	6CS4-24	Mobile Application Development Lab	Yes
50	FECxx	Foundation Courses	No
51	7CS4-01	Internet of Things	Yes
52	7CS4-21	Internet of Things Lab	Yes
53	7CS4-22	Cyber Security Lab	Yes
54	7CS7-30	Industrial Training	Yes
55	7CS7-40	Seminar	Yes
56	7CS8-00	Social Outreach, Discipline & Extra Curricular Activities	Yes
57	8CS4-01	Big Data Analytics	Yes
58	8CS4-21	Big Data Analytics Lab	Yes
59	8CS4-22	Software Testing and Validation Lab	Yes
60	8CS7-50	Project	Yes
61	8CS8-00	Social Outreach, Discipline & Extra Curricular Activities	Yes

Total Subject – 61	Experiential Learning – 49	Percentage = 80.32%
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Head of the Department
Computer Science & Engineering
JECRC, Jaipur

**Department of Computer Science & Engineering (Artificial Intelligence)****Experiential Learning 2024-25****Lab + Theory = 80.32%**

S. No	Subject Code	Subject Name	Experiential Learning
1	3CAI2-01	Advanced Engineering Mathematics	No
2	3CAI1-02	Technical Communication	No
3	3CAI1-03	Managerial Economics and Financial Accounting	No
4	3CAI3-04	Digital Electronics	Yes
5	3CAI4-05	Data Structures and Algorithms	Yes
6	3CAI4-06	Object Oriented Programming	Yes
7	3CAI4-07	Software Engineering	Yes
8	3CAI4-21	Data Structures and Algorithms Lab	Yes
9	3CAI4-22	Object Oriented Programming Lab	Yes
10	3CAI4-23	Software Engineering Lab	Yes
11	3CAI4-24	Digital Electronics Lab	Yes
12	3CAI7-30	Industrial Training	Yes
13	FECxx	Foundation Courses	No
14	4CAI2-01	Discrete Mathematics Structure	Yes
15	4CAI1-03	Managerial Economics and Financial Accounting	No
16	4CAI1-02	Technical Communication	No
17	4CAI3-04	Microprocessor & Interfaces	Yes
18	4CAI4-05	Database Management System	Yes
19	4CAI4-06	Theory of Computation	Yes
20	4CAI4-07	Data Communication and Computer Networks	Yes
21	4CAI4-21	Microprocessor & Interfaces Lab	No
22	4CAI4-22	Database Management System Lab	Yes
23	4CAI4-23	Network Programming Lab	Yes
24	4CAI4-24	Linux Shell Programming Lab	Yes
25	4CAI4-25	Java Lab	Yes
26	FECxx	Foundation Courses	No
27	5CAI3-01	Data Mining Concepts and Techniques	Yes
28	5CAI4-02	Compiler Design	No
29	5CAI4-03	Operating System	Yes
30	5CAI4-04	Computer Graphics & Multimedia	Yes
31	5CAI4-05	Analysis of Algorithms	Yes
32	5CAI5-11	Fundamentals of Blockchain	Yes
33	5CAI4-21	Computer Graphics & Multimedia Lab	Yes

**JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE**

Approved by AICTE & Affiliated to RTU, Kota

Shri Ram ki Nangal via Sitapura RIICO, Opp. EPIP Gate, Tonk Road, Jaipur-302022, Rajasthan

Phone: 0141-2770120, 2770232 Fax: 0141-2770803

E-mail: info@jecrcmail.com

www.jecrcfoundation.com

34	5CAI4-22	Compiler Design Lab	Yes
35	5CAI4-23	Analysis of Algorithms Lab	Yes
36	5CAI4-24	Advance Java Lab	Yes
37	5CAI7-30	Industrial Training	Yes
38	FECxx	Foundation Courses	No
39	6CAI3-01	Digital Image Processing	Yes
40	6CAI4-02	Machine Learning	Yes
41	6CAI4-03	Information Security System	Yes
42	6CAI4-04	Computer Architecture and Organization	No
43	6CAI4-05	Principles of Artificial Intelligence	Yes
44	6CAI4-06	Cloud Computing	Yes
45	6CAI5-11	Artificial Neural Network	Yes
46	6CAI4-21	Digital Image Processing Lab	Yes
47	6CAI4-22	Machine Learning Lab	Yes
48	6CAI4-23	Python Lab	Yes
49	6CAI4-24	Mobile Application Development Lab	Yes
50	FECxx	Foundation Courses	No
51	7CAI4-01	Deep Learning and Its Applications	Yes
52	7CAI4-21	Deep Learning and Its Applications Lab	Yes
53	7CAI4-22	Computer Vision Lab	Yes
54	7CAI7-30	Industrial Training	Yes
55	7CAI7-40	Seminar	Yes
56	7CAI8-00	Social Outreach, Discipline & Extra Curricular Activities	Yes
57	8CAI4-01	Big Data Analytics	Yes
58	8CAI4-21	Big Data Analytics Lab	Yes
59	8CAI4-22	Robot Programing Lab	Yes
60	8CAI7-50	Project	Yes
61	8CAI8-00	Social Outreach, Discipline & Extra Curricular Activities	Yes

Total Subject – 61	Experiential Learning – 49	Percentage = 80.32%
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Head of the Department
Computer Science & Engineering (AI)
JECRC, Jaipur

**Department of Artificial Intelligence and Data Science****Experiential Learning 2024-25****Lab + Theory = 80.32%**

S. No	Subject Code	Subject Name	Experiential Learning
1	3AID2-01	Advanced Engineering Mathematics	No
2	3AID1-02	Technical Communication	No
3	3AID1-03	Managerial Economics and Financial Accounting	No
4	3AID3-04	Digital Electronics	Yes
5	3AID4-05	Data Structures and Algorithms	Yes
6	3AID4-06	Object Oriented Programming	Yes
7	3AID4-07	Software Engineering	Yes
8	3AID4-21	Data Structures and Algorithms Lab	Yes
9	3AID4-22	Object Oriented Programming Lab	Yes
10	3AID4-23	Software Engineering Lab	Yes
11	3AID4-24	Digital Electronics Lab	Yes
12	3AID7-30	Industrial Training	Yes
13	FECxx	Foundation Courses	No
14	4AID2-01	Discrete Mathematics Structure	Yes
15	4AID1-03	Managerial Economics and Financial Accounting	No
16	4AID1-02	Technical Communication	No
17	4AID3-04	Microprocessor & Interfaces	Yes
18	4AID4-05	Database Management System	Yes
19	4AID4-06	Theory of Computation	Yes
20	4AID4-07	Data Communication and Computer Networks	Yes
21	4AID4-21	Microprocessor & Interfaces Lab	No
22	4AID4-22	Database Management System Lab	Yes
23	4AID4-23	Network Programming Lab	Yes
24	4AID4-24	Linux Shell Programming Lab	Yes
25	4AID4-25	Java Lab	Yes
26	FECxx	Foundation Courses	No
27	5AID3-01	Data Mining Concepts and Techniques	Yes
28	5AID4-02	Compiler Design	No
29	5AID4-03	Operating System	Yes
30	5AID4-04	Computer Graphics & Multimedia	Yes
31	5AID4-05	Analysis of Algorithms	Yes
32	5AID5-11	Fundamentals of Blockchain	Yes
33	5AID4-21	Computer Graphics & Multimedia Lab	Yes

**JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE**

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34	5AID4-22	Compiler Design Lab	Yes
35	5AID4-23	Analysis of Algorithms Lab	Yes
36	5AID4-24	Advance Java Lab	Yes
37	5AID7-30	Industrial Training	Yes
38	FECxx	Foundation Courses	No
39	6AID3-01	Digital Image Processing	Yes
40	6AID4-02	Machine Learning	Yes
41	6AID4-03	Information Security System	Yes
42	6AID4-04	Computer Architecture and Organization	No
43	6AID4-05	Principles of Artificial Intelligence	Yes
44	6AID4-06	Cloud Computing	Yes
45	6AID5-11	Artificial Neural Network	Yes
46	6AID4-21	Digital Image Processing Lab	Yes
47	6AID4-22	Machine Learning Lab	Yes
48	6AID4-23	Python Lab	Yes
49	6AID4-24	Mobile Application Development Lab	Yes
50	FECxx	Foundation Courses	No
51	7AID4-01	Big Data Analytics	Yes
52	7AID4-21	Big Data Analytics Lab	Yes
53	7AID4-22	R. Programming Lab	Yes
54	7AID7-30	Industrial Training	Yes
55	7AID7-40	Seminar	Yes
56	7AID8-00	Social Outreach, Discipline & Extra Curricular Activities	Yes
57	8AID4-01	Deep Learning and Its Applications	Yes
58	8AID4-21	Deep Learning and Its Applications Lab	Yes
59	8AID4-22	Robot Programming Lab	Yes
60	8AID7-50	Project	Yes
61	8AID8-00	Social Outreach, Discipline & Extra Curricular Activities	Yes

Total Subject – 61	Experiential Learning – 49	Percentage = 80.32%
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Head of the Department
Artificial Intelligence & Data Science
JECRC, Jaipur