

Scheme of  
UNDERGRADUATE DEGREE COURSE

**Computer Science and Engineering  
(Internet of Things)**



**Rajasthan Technical University, Kota**

Effective from session: 2022 – 2023



# RAJASTHAN TECHNICAL UNIVERSITY, KOTA

## Teaching & Examination Scheme B.Tech. : Computer Science & Engineering (Internet of Things) 2<sup>nd</sup> Year - III Semester

THEORY											
SN	Category	Course		Contact hrs/week			Marks				Cr
		Code	Title	L	T	P	Exm Hrs	IA	ETE	Total	
1	BSC	3CIT2-01	Advanced Engineering Mathematics	3	0	0	3	30	70	100	3
2	HSMC	3CIT1-02/ 3CIT1-03	Technical Communication/ Managerial Economics and Financial Accounting	2	0	0	2	30	70	100	2
3	ESC	3 CIT3-04	Digital Electronics	3	0	0	3	30	70	100	3
4	PCC	3 CIT4-05	Data Structures and Algorithms	3	0	0	3	30	70	100	3
5		3 CIT4-06	Object Oriented Programming	3	0	0	3	30	70	100	3
6		3 CIT4-07	Software Engineering	3	0	0	3	30	70	100	3
<b>Sub Total</b>				<b>17</b>	<b>0</b>	<b>0</b>					<b>17</b>
PRACTICAL & SESSIONAL											
7	PCC	3 CIT4-21	Data Structures and Algorithms Lab	0	0	3		60	40	100	1.5
8		3 CIT4-22	Object Oriented Programming Lab	0	0	3		60	40	100	1.5
9		3 CIT4-23	Software Engineering Lab	0	0	3		60	40	100	1.5
10		3 CIT4-24	Digital Electronics Lab	0	0	3		60	40	100	1.5
11	PSIT	3 CIT7-30	Industrial Training	0	0	1		60	40	100	1
12	SODE CA	3 CIT8-00	Social Outreach, Discipline & Extra Curricular Activities							100	0.5
<b>Sub- Total</b>				<b>0</b>	<b>0</b>	<b>13</b>					<b>7.5</b>
<b>TOTAL OF III SEMESTER</b>				<b>17</b>	<b>0</b>	<b>13</b>					<b>24.5</b>

**L:** Lecture, **T:** Tutorial, **P:** Practical, **Cr:** Credits

**ETE:** End Term Exam, **IA:** Internal Assessment

Office of Dean Academic Affairs  
Rajasthan Technical University, Kota

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# RAJASTHAN TECHNICAL UNIVERSITY, KOTA

## Teaching & Examination Scheme

### B.Tech. : Computer Science & Engineering (Internet of Things) 2<sup>nd</sup> Year - IV Semester

THEORY											
SN	Category	Course		Contact hrs/week			Marks				Cr
		Code	Title	L	T	P	Exm Hrs	IA	ETE	Total	
1	BSC	4 CIT2-01	Discrete Mathematics Structure	3	0	0	3	30	70	100	3
2	HSMC	4 CIT1-03/ 4 CIT1-02	Managerial Economics and Financial Accounting / Technical Communication	2	0	0	2	30	70	100	2
3		ESC	4 CIT3-04	Microprocessor & Interfaces	3	0	0	3	30	70	100
4	PCC	4 CIT4-05	Database Management System	3	0	0	3	30	70	100	3
5		4 CIT4-06	Theory of Computation	3	0	0	3	30	70	100	3
6		4 CIT4-07	Data Communication and Computer Networks	3	0	0	3	30	70	100	3
<b>Sub Total</b>				<b>17</b>	<b>0</b>	<b>0</b>					<b>17</b>
PRACTICAL & SESSIONAL											
7	PCC	4 CIT4-21	Microprocessor & Interfaces Lab	0	0	2		60	40	100	1
8		4 CIT4-22	Database Management System Lab	0	0	3		60	40	100	1.5
9		4 CIT4-23	Network Programming Lab	0	0	3		60	40	100	1.5
10		4 CIT4-24	Linux Shell Programming Lab	0	0	2		60	40	100	1
11		4 CIT4-25	Java Lab	0	0	2		60	40	100	1
12	SODE CA	4 CIT8-00	Social Outreach, Discipline & Extra Curricular Activities							100	0.5
<b>Sub- Total</b>				<b>0</b>	<b>0</b>	<b>12</b>					<b>6.5</b>
<b>TOTAL OF IV SEMEESTER</b>				<b>17</b>	<b>0</b>	<b>12</b>					<b>23.5</b>

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