



**S**ARALA  
**B**IRLA  
**U**NIVERSITY

Established under the Sarala Birla University Act 2017 Govt. of Jharkhand as per Section 2(f) of UGC Act. 1956

**CURRICULUM**

**FOR**

**Diploma**

**in**

**Civil Engineering**

**(Based on UGC & AICTE- CBCS)**

**+**

## Definition of Credit

1 Hr. Lecture (L) Per Week	1 Credit
1 Hr. Tutorial (T) Per Week	1 Credit
1 Hr. Practical (P) Per Week	0.5 Credit
2 Hr. Practical (P) Per Week	1 Credit

## Course Code Definitions

Course Code	Definitions
BSC-D	Basic Science Course
ESC-D	Engineering Science Course
HSMC-D	Humanities and Social Sciences including Management Course
ECCA-D	Extra Co-Curricular Activities
MC-D	Mandatory Course
PCC-CE-D	Professional Core Course
PEC-CE-D	Professional Elective Course
OEC-D	Open Elective Course
CE-DP-I	Project Stage-I
CE-DP-II	Project Stage-II
CE-DP-III	Project Stage-III
CE-DSI-I	Summer Internship-I
CE-DSI-II	Summer Internship-II

## Structure of Civil Engineering (Diploma)

### Breakup of Credits

Sl. No.	Category	Credits
1	Humanities and Social Sciences including Management Courses	13
2	Basic Science Courses	19
3	Engineering Science courses including workshop, drawing, basics of electrical/mechanical/computer etc	14
4	Professional Core Courses	43
5	Professional Elective courses relevant to chosen specialization/branch	12
6	Open subjects – Electives from other technical and /or emerging subjects	9
7	Project work	8
8	Mandatory Courses	2
9	Extra Co-Curricular Activity	2
11	Summer Internship	5
<b>Total:</b>		<b>127</b>

<b>CREDITS DISTRIBUTION (SEMESTER-WISE AND COURSE-WISE )</b>											
<b>Semester</b>	<b>HSMC</b>	<b>BSC</b>	<b>ESC</b>	<b>PCC</b>	<b>PEC</b>	<b>OEC</b>	<b>PROJECT</b>	<b>ECCA</b>	<b>SUMMER INTERNSHI P</b>	<b>MC</b>	<b>Total Credit Semester-wise</b>
<b>1st</b>	3	7	5.5	0	0	0	0	1	0	2	<b>18.5</b>
<b>2nd</b>	2	12	8.5	0	0	0	0	1	0	0	<b>23.5</b>
<b>3rd</b>	2	0	0	16	0	0	0	0	2	0	<b>20</b>
<b>4th</b>	2	0	0	16	0	0	2	0	0	0	<b>20</b>
<b>5th</b>	0	0	0	9	6	3	2	0	3	0	<b>23</b>
<b>6th</b>	4	0	0	2	6	6	4	0	0	0	<b>22</b>
<b>Total Credit Course- wise</b>	<b>13</b>	<b>19</b>	<b>14</b>	<b>43</b>	<b>12</b>	<b>9</b>	<b>8</b>	<b>2</b>	<b>5</b>	<b>2</b>	<b>127</b>
<b>Total Credit</b>											<b>127</b>

## BASIC SCIENCE COURSES

Sl. No.	Course Code	Course Title	Hours Per Week			Credits	Preferred Semester
			L	T	P		
1	BSC-D101	Applied Physics-I	2	1	0	3	I
2	BSC-D102	Applied Physics Lab-I	0	0	2	1	I
3	BSC-D103	Applied Physics-II	2	1	0	3	II
4	BSC-D104	Applied Physics Lab-II	0	0	2	1	II
5	BSC-D105	Applied Chemistry	2	1	0	3	II
6	BSC-D106	Applied Chemistry Lab	0	0	2	1	II
7	BSC-D107	Mathematics-I	2	1	0	3	I
8	BSC-D108	Mathematics-II	3	1	0	4	II
<b>Total Credits:</b>						<b>19</b>	

## ENGINEERING SCIENCE COURSES

Sl. No.	Course Code	Course Title	Hours per week			Credits	Preferred Semester
			L	T	P		
1	ESC-D101	Introduction to IT Systems	2	1	0	3	I
2	ESC-D102	Introduction to IT Systems Lab	0	0	2	1	I
3	ESC-D103	Engineering Workshop Practice	0	0	3	1.5	I
4	ESC-D104	Fundamentals of Electrical & Electronics Engineering	2	1	0	3	II
5	ESC-D105	Fundamentals of Electrical & Electronics Engineering Lab	0	0	2	1	II
6	ESC-D106	Engineering Graphics	0	0	3	1.5	II
7	ESC-D107	Engineering Mechanics	2	1	0	3	II
<b>Total Credits:</b>						<b>14</b>	

**HUMANITIES AND SOCIAL SCIENCES INCLUDING MANAGEMENT  
COURSE**

Sl. No.	Course Code	Course Title	Hours per week			Credits	Preferred Semester
			L	T	P		
1	HSMC-D101	Communication Skills in English	2	0	0	2	I
2	HSMC-D102	Communication Skills in English Lab	0	0	2	1	I
3	HSMC-D103	Technical English	2	0	0	2	II
4	HSMC-D104	French Through Communicative Approach-I	2	0	0	2	III
5	HSMC-D105	French Through Communicative Approach-II	2	0	0	2	IV
6	HSMC-D106	Entrepreneurship & Startups	3	1	0	4	VI
<b>Total Credits</b>						<b>13</b>	

## PROFESSIONAL CORE COURSES

**Branch: Civil Engineering**

Sl. No.	Course Code	Course Title	Hours			Credit	Semester
			L	T	P		
1	PCC-CE-D201	Construction Materials	3	0	0	3	III
2	PCC-CE-D202	Construction Materials Lab	0	0	2	1	III
3	PCC-CE-D203	Mechanics of Materials	2	0	0	2	III
4	PCC-CE-D204	Mechanics of Materials Lab	0	0	2	1	III
6	PCC-CE-D205	Basic Surveying	2	0	0	2	III
5	PCC-CE-D206	Basic Surveying Lab	0	0	2	1	III
7	PCC-CE-D207	Building Construction	2	0	0	2	III
8	PCC-CE-D208	Building Construction Lab	0	0	2	1	III
9	PCC-CE-D209	Geotechnical Engineering	2	0	0	2	III
10	PCC-CE-D210	Geotechnical Engineering Lab	0	0	2	1	III
11	PCC-CE-D211	Advanced Surveying	2	0	0	2	IV
12	PCC-CE-D212	Advanced Surveying Lab	0	0	2	1	IV
13	PCC-CE-D213	Theory of Structure	2	0	0	2	IV
14	PCC-CE-D214	Hydraulics	2	0	0	2	IV
15	PCC-CE-D215	Hydraulics Lab	0	0	2	1	IV
16	PCC-CE-D216	Transportation Engineering	2	0	0	2	IV
17	PCC-CE-D217	Transportation Engineering Lab	0	0	2	1	IV
18	PCC-CE-D218	Concrete Technology	2	0	0	2	IV
19	PCC-CE-D219	Concrete Technology Lab	0	0	2	1	IV
20	PCC-CE-D220	Building Planning & Drawing Lab	1	0	2	2	IV
21	PCC-CE-D301	Design of Steel & RCC Structures	3	0	0	3	V
22	PCC-CE-D302	Design of Steel & RCC Structures Lab	0	0	2	1	V
23	PCC-CE-D303	Water Resource Engineering	2	0	0	2	V
24	PCC-CE-D304	Estimating & Costing	2	0	0	2	V
25	PCC-CE-D305	Estimating & Costing Lab	0	0	2	1	V
26	PCC-CE-D306	Public Health Engineering	2	0	0	2	VI
<b>Total</b>						<b>43</b>	



## PROFESSIONAL ELECTIVE COURSES

Branch: Civil Engineering

Sl. No.	Course Code	Course Title	Hours			Credit	Semester
			L	T	P		
1	PEC-CE-D301	Traffic Engineering	3	0	0	3	V/VI
2	PEC-CE-D302	Construction Management	3	0	0	3	V/VI
3	PEC-CE-D303	Precast and Prestressed Concrete	3	0	0	3	V/VI
4	PEC-CE-D304	Solid Waste Management	3	0	0	3	V/VI
5	PEC-CE-D305	Rural Construction Technology	3	0	0	3	V/VI
6	PEC-CE-D306	Advanced Construction Technology	3	0	0	3	V/VI
7	PEC-CE-D307	Pavement Design & Maintenance	3	0	0	3	V/VI
8	PEC-CE-D308	Green Building and Energy Conservation	3	0	0	3	V/VI
9	PEC-CE-D309	Building Services and Maintenance	3	0	0	3	V/VI
10	PEC-CE-D310	Repairs and Maintenance of Structures	3	0	0	3	V/VI
11	PEC-CE-D311	Advanced Design of Structures	3	0	0	3	V/VI
12	PEC-CE-D312	Tendering and Accounts	3	0	0	3	V/VI

## OPEN ELECTIVE COURSES

**Branch: Civil Engineering (Diploma)**

Sl. No.	Course Code	Course Title	Hours			Credit	Semester
			L	T	P		
1	OEC-EEE-D307	Solar Power Technology	3	0	0	3	V/VI
2	OEC-EEE-D308	Solar Power Technology Lab	0	0	2	1	V/VI
3	OEC-CSE-D319	Fundamentals of Artificial Intelligence	3	0	0	3	V/VI
4	OEC-EEE-D317	Renewable Energy Technologies	3	0	0	3	V/VI

## Extra Co-Curricular Activities

Sl. No.	Course Code	Course Title	Hours per week			Credits	Preferred Semester
			L	T	P		
1	ECCA-D101	Sports & Yoga-I	0	0	2	1	I
2	ECCA-D102	Sports & Yoga-II	0	0	2	1	II

**Total Credits: 2**

# Summer Internship

**Branch: Civil Engineering (Diploma)**

Sl. No.	Course Code	Course Title	Hrs. / Week L: T: P	Credits	Preferred Semester
1	CE-DSI-I	Summer Internship-I	00:00:00	2	Summer Internship-(4 weeks) after II
2	CE-DSI-II	Summer Internship-II	00:00:00	3	Summer Internship- (6 weeks) after IV
		<b>Total Credit:</b>		<b>5</b>	

## Mandatory Courses

Sl. No.	Course Code	Course Title	Hours per week			Credits	Preferred Semester
			L	T	P		
1	MC-D101	Induction Programme	0	0	0	0	I
2	MC-D102	Environmental Science	2	0	0	2	I
3	MC-D103	Values & Ethics	2	0	0	0	IV
4	MC-D104	PDP-I	2	0	0	0	I
5	MC-D105	PDP-II	2	0	0	0	II
6	MC-D106	PDP-III	2	0	0	0	III
7	MC-D107	PDP-IV	2	0	0	0	IV
8	MC-D108	PDP-V	2	0	0	0	V
9	MC-D109	PDP-VI	2	0	0	0	VI
			<b>Total Credits:</b>			<b>2</b>	

# Project Work

**Branch: Civil Engineering (Diploma)**

Sl. No.	Course Code	Course Title	Hrs. / Week L: T: P	Credits	Preferred Semester
1	CE-DP-I	Project Stage-I (Mini Project)	00:00:04	2	IV
2	CE-DP-II	Project Stage-II (Major Project)	00:00:04	2	V
3	CE-DP-III	Project Stage-III (Major Project Work & Dissertation)	00:00:08	4	VI
<b>Total Credit:</b>				<b>8</b>	

# COURSE STRUCTURE

## SEMESTER-I (FIRST YEAR)

**Branch: Civil Engineering (Diploma)**

Sl. No.	Category	Course Code	Course Title	Hours			Credit	Marks		
				L	T	P		IA	ESE	Total
<b>Theory</b>										
1	Basic Science Course	BSC-D101	Applied Physics-I	2	1	0	3	30	70	100
2	Basic Science Course	BSC-D107	Mathematics-I	2	1	0	3	30	70	100
3	Humanities and Social Sciences including Management Course	HSMC-D101	Communication Skills in English	2	0	0	2	30	70	100
4	Engineering Science Course	ESC-D101	Introduction to IT Systems	2	1	0	3	30	70	100
<b>Total(A)</b>							<b>11</b>	<b>120</b>	<b>280</b>	<b>400</b>
<b>Practical/Drawing/Design</b>										
1	Basic Science Course	BSC-D102	Applied Physics Lab-I	0	0	2	1	30	20	50
2	Engineering Science Course	ESC-D102	Introduction to IT Systems Lab	0	0	2	1	30	20	50
3	Humanities and Social Sciences including Management Courses	HSMC-D102	Communication Skills in English Lab	0	0	2	1	30	20	50
4	Engineering Science Course	ESC-D103	Engineering Workshop Practice	0	0	3	1.5	30	20	50
<b>Total(B)</b>							<b>4.5</b>	<b>120</b>	<b>80</b>	<b>200</b>
<b>Mandatory Courses/Extra Co-Curricular Activities Courses</b>										
1	Mandatory Course	MC-D101	Induction Programme	0	0	0	0	0	0	0
2	Mandatory Course	MC-D102	Environmental Science	2	0	0	2	30	70	100
3	Extra Co-Curricular Activities Course	ECCA-D101	Sports & Yoga-I	0	0	2	1	30	20	50
4	Mandatory Course	MC-D104	PDP-I	2	0	0	0	0	0	0
<b>Total(C)</b>							<b>3</b>	<b>60</b>	<b>90</b>	<b>150</b>
<b>Grand Total (A+B+C)</b>							<b>18.5</b>	<b>300</b>	<b>450</b>	<b>750</b>
<b>L-Lecture, T-Tutorial, P-Practical</b> <b>IA- Internal Assessment, ESE-End Semester Examination</b>										

# COURSE STRUCTURE

**SEMESTER II (FIRST YEAR)**

**Branch: Civil Engineering (Diploma)**

Sl. No.	Category	Course Code	Course Title	Hours			Credit	Marks		
				L	T	P		IA	ESE	Total
<b>Theory</b>										
1	Basic Science Course	BSC-D105	Applied Chemistry	2	1	0	3	30	70	100
2	Basic Science Course	BSC-D108	Mathematics-II	3	1	0	4	30	70	100
3	Humanities and Social Sciences including Management Course	HSMC-D103	Technical English	2	0	0	2	30	70	100
4	Basic Science Course	BSC-D103	Applied Physics-II	2	1	0	3	30	70	100
5	Engineering Science Course	ESC-D107	Engineering Mechanics	2	1	0	3	30	70	100
6	Engineering Science Course	ESC-D104	Fundamentals of Electrical & Electronics Engineering	2	1	0	3	30	70	100
<b>Total(A)</b>							<b>18</b>	<b>180</b>	<b>420</b>	<b>600</b>
<b>Practical/Drawing/Design</b>										
1	Basic Science Course	BSC-D106	Applied Chemistry Lab	0	0	2	1	30	20	50
2	Basic Science Course	BSC-D104	Applied Physics Lab-II	0	0	2	1	30	20	50
3	Engineering Science Course	ESC-D105	Fundamentals of Electrical & Electronics Engineering Lab	0	0	2	1	30	20	50
4	Engineering Science Course	ESC-D106	Engineering Graphics	0	0	3	1.5	30	20	50
<b>Total(B)</b>							<b>4.5</b>	<b>120</b>	<b>80</b>	<b>200</b>
<b>Mandatory Courses/Extra Co-Curricular Activities Courses</b>										
1	Extra Co-Curricular Activities Course	ECCA-D102	Sports & Yoga-II	0	0	2	1	30	20	50
2	Mandatory Course	MC-D105	PDP-II	2	0	0	0	0	0	0
<b>Total(C)</b>							<b>1</b>	<b>30</b>	<b>20</b>	<b>50</b>
<b>Grand Total (A+B+C)</b>							<b>23.5</b>	<b>330</b>	<b>520</b>	<b>850</b>
<b>L-Lecture, T-Tutorial, P-Practical</b> <b>IA- Internal Assessment, ESE-End Semester Examination</b>										



# COURSE STRUCTURE

SEMESTER III (SECOND YEAR)

Branch: Civil Engineering

Sl. No.	Category	Course Code	Course Title	Hours			Credit	Marks		
				L	T	P		IA	ESE	Total
<b>Theory</b>										
1	Professional Core Course	PCC-CE-D201	Construction Materials	3	0	0	3	30	70	100
2	Professional Core Course	PCC-CE-D203	Mechanics of Materials	2	0	0	2	30	70	100
3	Professional Core Course	PCC-CE-D205	Basic Surveying	2	0	0	2	30	70	100
4	Professional Core Course	PCC-CE-D207	Building Construction	2	0	0	2	30	70	100
5	Professional Core Course	PCC-CE-D209	Geotechnical Engineering	2	0	0	2	30	70	100
6	Humanities and Social Science including Management	HSMC-D104	French Through Communicative Approach-I	2	0	0	2	30	70	100
<b>Total(A)</b>							<b>13</b>	<b>150</b>	<b>350</b>	<b>500</b>
<b>Practical/Drawing/Design</b>										
1	Professional Core Course	PCC-CE-D202	Construction Materials Lab	0	0	2	1	30	20	50
2	Professional Core Course	PCC-CE-D204	Mechanics of Materials Lab	0	0	2	1	30	20	50
3	Professional Core Course	PCC-CE-D206	Basic Surveying Lab	0	0	2	1	30	20	50
4	Professional Core Course	PCC-CE-D208	Building Construction Lab	0	0	2	1	30	20	50
5	Professional Core Course	PCC-CE-D210	Geotechnical Engineering Lab	0	0	2	1	30	20	50
6	Summer Internship- (4 weeks) after II	CE-DSI-I	Summer Internship-I	0	0	0	2	75	25	200
<b>Total(B)</b>							<b>7</b>	<b>120</b>	<b>80</b>	<b>200</b>
<b>Grand Total (A+B)</b>							<b>20</b>	<b>270</b>	<b>430</b>	<b>700</b>
<b>Mandatory Courses</b>										
1	Mandatory Courses	MC-D106	PDP-III	2	0	0	0	0	0	0
<b>Total(C)</b>							<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Grand Total (A+B+C)</b>							<b>20</b>	<b>300</b>	<b>450</b>	<b>700</b>
<b>L-Lecture, T-Tutorial, P-Practical</b> <b>IA- Internal Assessment, ESE-End Semester Examination</b>										

# COURSE STRUCTURE

**SEMESTER IV (SECOND YEAR)**

**Branch: Civil Engineering**

Sl. No.	Category	Course Code	Course Title	Hours			Credit	Marks		
				L	T	P		IA	ESE	Total
<b>Theory</b>										
1	Professional Core Course	PCC-CE-D211	Advanced Surveying	2	0	0	2	30	70	100
2	Professional Core Course	PCC-CE-D213	Theory of Structure	2	0	0	2	30	70	100
3	Professional Core Course	PCC-CE-D214	Hydraulics	2	0	0	2	30	70	100
4	Professional Core Course	PCC-CE-D216	Transportation Engineering	2	0	0	2	30	70	100
5	Professional Core Course	PCC-CE-D218	Concrete Technology	2	0	0	2	30	70	100
6	Humanities & Social Science including Management	HSMC-105	French Through Communicative Approach-II	2	0	0	2	30	70	100
<b>Total(A)</b>							<b>12</b>	<b>180</b>	<b>420</b>	<b>600</b>
<b>Practical/Drawing/Design</b>										
1	Professional Core Course	PCC-CE-D212	Advanced Surveying Lab	0	0	2	1	30	20	50
2	Professional Core Course	PCC-CE-D219	Concrete Technology Lab	0	0	2	1	30	20	50
3	Professional Core Course	PCC-CE-D215	Hydraulics Lab	0	0	2	1	30	20	50
4	Professional Core Course	PCC-CE-D217	Transportation Engineering Lab	0	0	2	1	30	20	50
5	Professional Core Course	PCC-CE-D220	Building Planning & Drawing Lab	1	0	2	2	30	20	50
6	Project Work	CE-DP1	Project Stage-I (Mini Project)	0	0	4	2	75	25	100
<b>Total(B)</b>							<b>8</b>	<b>120</b>	<b>80</b>	<b>200</b>
<b>Grand Total (A+B)</b>							<b>20</b>	<b>300</b>	<b>500</b>	<b>800</b>
<b>Mandatory Courses/Extra Co-Curricular Activities Courses</b>										
1	Mandatory Courses	MC-D103	Values & Ethics	2	0	0	0	0	0	0
2	Mandatory Courses	MC-D107	PDP-IV	2	0	0	0	0	0	0
<b>Total(C)</b>							<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Grand Total (A+B+C)</b>							<b>20</b>	<b>330</b>	<b>520</b>	<b>850</b>
<b>L-Lecture, T-Tutorial, P-Practical</b> <b>IA- Internal Assessment, ESE-End Semester Examination</b>										

# COURSE STRUCTURE

**SEMESTER V (THIRD YEAR]**

**Branch: Civil Engineering**

Sl. No.	Category	Course Code	Course Title	Hours			Credit	Marks		
				L	T	P		IA	ESE	Total
<b>Theory</b>										
1	Professional Core Course	PCC-CE-D301	Design of Steel & RCC Structures	3	0	0	3	30	70	100
2	Professional Core Course	PCC-CE-D303	Water Resource Engineering	2	0	0	2	30	70	100
3	Professional Core course	PCC-CE-D304	Estimating & Costing	2	0	0	2	30	70	100
4	Professional Elective Course	PEC-CE-D301	Traffic Engineering	3	0	0	3	30	70	100
5	Professional Elective Course	PEC-CE-D302	Construction Management	3	0	0	3	30	70	100
6	Open Elective Course	OEC-EEE-D307	Solar Power Technology	3	0	0	3	30	70	100
<b>Total(A)</b>							<b>16</b>	<b>180</b>	<b>420</b>	<b>600</b>
<b>Practical/Drawing/Design</b>										
1	Professional Core Courses	PCC-CE-D302	Design of Steel & RCC Structures Lab	0	0	2	1	30	20	50
2	Professional Core courses	PCC-CE-D305	Estimating & Costing Lab	0	0	2	1	30	70	100
3	Open Elective Course	OEC-EEE-D308	Solar Power Technology Lab	0	0	2	1	30	70	100
4	Summer Internship-(6 weeks) after IV	CE-DSI-I	Summer Internship-II	0	0	0	3	75	25	100
5	Project Work	CE-DP2	Project Stage-II (Major Project)	0	0	4	2	75	25	100
<b>Total(B)</b>							<b>8</b>	<b>120</b>	<b>80</b>	<b>200</b>
<b>Grand Total (A+B)</b>							<b>23</b>	<b>300</b>	<b>500</b>	<b>800</b>
<b>Mandatory Courses/Extra Co-Curricular Activities Courses</b>										
1	Mandatory Courses	MC-D108	PDP-V	2	0	0	0	0	0	0
<b>Total(C)</b>							<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Grand Total (A+B+C)</b>							<b>23</b>	<b>300</b>	<b>500</b>	<b>800</b>
<b>L-Lecture, T-Tutorial, P-Practical</b> <b>IA- Internal Assessment, ESE-End Semester Examination</b>										

# COURSE STRUCTURE

**SEMESTER VI (THIRD YEAR]**

**Branch: Civil Engineering**

Sl. No.	Category	Course Code	Course Title	Hours			Credit	Marks		
				L	T	P		IA	ESE	Total
<b>Theory</b>										
1	Professional Core courses	PCC-CE-D306	Public Health Engineering	2	0	0	2	30	70	100
2	Professional Elective Course	PEC-CE-D303	Solid Waste Management	3	0	0	3	30	70	100
3	Professional Elective Course	PEC-CE-D304	Precast & Prestressed Concrete	3	0	0	3	30	70	100
4	Open Elective Course	OEC-CSE-D319	Fundamentals of Artificial Intelligence	3	0	0	3	30	70	100
5	Open Elective Course	OEC-EEE-D317	Renewable Energy Technologies	3	0	0	3	30	70	100
6	Humanities & Social Science including Management	HSMC-D107	Entrepreneurship & Startups	3	1	0	4	30	70	100
<b>Total(A)</b>							<b>18</b>	<b>180</b>	<b>420</b>	<b>600</b>
<b>Practical/Drawing/Design</b>										
1	Project Work	CE-DP3	Project Stage-III (Major Project Work & Dissertation)	0	0	8	4	75	25	100
<b>Grand Total (A+B)</b>							<b>22</b>	<b>255</b>	<b>445</b>	<b>700</b>
<b>Mandatory Courses/Extra Co-Curricular Activities Courses</b>										
1	Mandatory Courses	MC-D109	PDP-VI	2	0	0	0	0	0	0
<b>Total(C)</b>							<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Grand Total (A+B+C)</b>							<b>22</b>	<b>225</b>	<b>445</b>	<b>700</b>

**L-Lecture, T-Tutorial, P-Practical**

**IA- Internal Assessment, ESE-End Semester Examination**