Diploma in Artificial Intelligence and Machine Learning

Duration : One year
Eligibility : 10+2 / 10+3 with Mathematics / Statistics / Business Mathematics

Sem	Course code	Course Title	CIA (max)	ESE (max)	Total (max)	Credit
I	51811	Fundamentals of Artificial Intelligence	25	75	100	2
	51812	Relational Database Management System (RDBMS)	25	75	100	2
	51813	R Programming	25	75	100	2
	51814	R Programming Lab	25	75	100	2
		Total	100	300	400	8
II	51821	Fundamentals of Machine Learning	25	75	100	2
	51822	Principles of Soft Computing	25	75	100	2
	51823	Python Programming	25	75	100	2
	51824	Machine Learning using Python Lab	25	75	100	2
		Total	100	300	400	8
		Grand TOTAL	200	600	800	16

PCP per Semester:

Theory Courses - 18 Hours (3 Courses with 2 Credits each)

Practical: 60 Hours (1 Course with 2 Credits)

CIA: Continuous Internal Assessment

ESE: End Semester Examination.

Diploma in Computer Applications

Duration : One year
Eligibility : 10+2 / 10+3

Sem	Course code	Course Title	CIA (max)	ESE (max)	Total (max)	Credit
I	51711	Principles of Information Technology	25	75	100	2
	51712	Open Source Software	25	75	100	2
	51713	Office Automation	25	75	100	2
	51714	Office Automation Lab	25	75	100	2
		Total	**100**	**300**	**400**	**8**
II	51721	Digital Logic Fundamentals	25	75	100	2
	51722	Programming in C	25	75	100	2
	51723	Data Structures and Algorithms	25	75	100	2
	51724	C and Data Structure Lab	25	75	100	2
		Total	**100**	**300**	**400**	**8**
		Grand TOTAL	**200**	**600**	**800**	**16**

PCP per Semester:

Theory Courses – 18 Hours (3 Courses with 2 Credits each)Practical: 60 Hours (1 Course with 2 Credits)

CIA: Continuous Internal Assessment,

ESE: End Semester Examination.

Diploma in Montessori Education

Duration : One year
Eligibility : 10+2 / 10+3

Sem	Course code	Course Title	CIA (max)	ESE (max)	Total (max)	Credit
I	516 11	Maria Montessori's Education	25	75	100	2
	516 12	Principles of Montessori Education	25	75	100	2
	516 13	Pedagogical Aspects and Approaches in MontessoriEducation	25	75	100	2
	516 14	Developing Life Work Skill (School based practicum – I)	25	75	100	2
		Total	**100**	**300**	**400**	**8**
II	516 21	Developing Teaching Competency in Montessori Education	25	75	100	2
	516 22	Child Psychology and Health Education	25	75	100	2
	516 23	Family and Child Life Education	25	75	100	2
	516 24	Developing Life Work Skill (School based Practicum – II)	25	75	100	2
		Total	**100**	**300**	**400**	**8**
		Grand TOTAL	**200**	**600**	**800**	**16**

PCP per Semester:

Theory Courses - 18 Hours (3 Courses with 2 Credits each)

Practical – 60 hours (1 course with 2 Credits)

CIA: Continuous Internal Assessment,

ESE: End Semester Examination.

Diploma in Cyber Security

Duration : One year
Eligibility : 10+2 / 10+3 with Mathematics / Statistics / Business Mathematics

Sem	Course code	Course Title	CIA (max)	ESE (max)	Total (max)	Credit
I	51911	Cryptography and Network Security	25	75	100	2
	51912	Fundamentals of Cyber Security	25	75	100	2
	51913	Cyber Security Law & Practice	25	75	100	2
	51914	Cryptography – LAB	25	75	100	2
		Total	100	300	400	8
II	51921	Web Application Security	25	75	100	2
	51922	Malware Analysis and Network Security	25	75	100	2
	51923	Mobile Security	25	75	100	2
	51924	Cyber Security - LAB	25	75	100	2
		Total	100	300	400	8
		Grand TOTAL	200	600	800	16

PCP per Semester:

Theory Courses - 18 Hours (3 Courses with 2 Credits each)

Practical: 60 Hours (1 Course with 2 Credits)

CIA: Continuous Internal Assessment,

ESE: End Semester Examination.

Certificate in Astrology

Duration : 6 months
Eligibility : 10+2 / 10+3
Medium: Tamil medium only

Sem	Course code	Course Title	CIA (max)	ESE (max)	Total (max)	Credit
I	22611	சோதிட அடிப்படைகள்	25	75	100	2
	22612	சோதிடக் கூறுகள்	25	75	100	2
	22613	சோதிடப் பலன்கள்	25	75	100	2
	22614	செய்முறை: சோதிட அடிப்படைகள், சோதிடக் கூறுகள், சோதிடப் பலன்கள்	25	75	100	2
		Total	**100**	**300**	**400**	**8**

PCP per Semester:

Theory Courses - 18 Hours (3 Courses with 2 Credits each)

Practical – 60 hours (1 Course with 2 Credits)

CIA: Continuous Internal Assessment,

ESE: End Semester Examination.

Certificate in C Programming

Duration : 6 months
Eligibility : 10+2 / 10+3

Sem	Course code	Course Title	CIA (max)	ESE (max)	Total (max)	Credit
I	22211	Principles of Programming	25	75	100	2
	22212	Programming in C	25	75	100	2
	22213	Data structure and Algorithms	25	75	100	2
	22214	C and Data structure Lab	25	75	100	2
		Total	**100**	**300**	**400**	**8**

PCP per Semester:

Theory Courses - 18 Hours (3 Courses with 2 Credits each)

Practical : 60 Hours (1 Course with 2 Credits)

CIA: Continuous Internal Assessment,

ESE: End Semester Examination.

Certificate in Computer Fundamentals

Duration : 6 months
Eligibility : 10+2 / 10+3

Sem	Course code	Course Title	CIA (max)	ESE (max)	Total (max)	Credit
I	22311	Computer Fundamentals	25	75	100	2
	22312	Digital Logic Fundamentals	25	75	100	2
	22313	Application Programs	25	75	100	2
	22314	Application Programs Lab	25	75	100	2
		Total	100	300	400	8

PCP per Semester:

Theory Courses - 18 Hours (3 Courses with 2 Credits each)

Practical: Courses – 60 Hours (1 Course with 2 Credits)

CIA: Continuous Internal Assessment,
ESE: End Semester Examination.

Certificate in Gender Studies

Duration : 6 months
Eligibility : 10+2 / 10+3

Sem	Course code	Course Title	CIA (max)	ESE (max)	Total (max)	Credit
I	221 11	Introduction to Gender Studies	25	75	100	2
	221 12	Feminist Theories and Movements	25	75	100	2
	221 13	Women, Technology and Entrepreneurship	25	75	100	2
	221 14	Civil Society Organisation	25	75	100	2
		Total	**100**	**300**	**400**	**8**

PCP per Semester:

Theory Courses – 60 Hours (4 Courses with 2 Credits each)

CIA: Continuous Internal Assessment

ESE: End Semester Examination.

Certificate in GST

Duration : 6 months
Eligibility : 10+2 / 10+3

Sem	Course code	Course Title	CIA (max)	ESE (max)	Total (max)	Credit
I	22511	Evolution of GST	25	75	100	2
	22512	GST and Accounting Package	25	75	100	2
	22513	GST and Customs Duty	25	75	100	2
	22514	Integrated GST	25	75	100	2
		Total	**100**	**300**	**400**	**8**

PCP per Semester:

Theory Courses - 60 Hours (4 Courses with 2 Credits each)

CIA: Continuous Internal Assessment

ESE: End Semester Examination.

Certificate in Library and Information Science

Duration : 6 months
Eligibility : 10+2 / 10+3
Medium – English and Tamil

Sem	Course code	Course Title	CIA (max)	ESE (max)	Total (max)	Credit
I	21511	Fundamentals of Library and Information Science	25	75	100	2
	21512	Information Sources and Services	25	75	100	2
	21513	Information Processing Practice – (Classification & Cataloguing)	25	75	100	4
		Total	**75**	**225**	**300**	**8**

PCP per Semester:

Theory Courses - 12 Hours (2 Courses with 2 Credits each)

Practical - 12 Hours (1 course with 4 Credits)

CIA: Continuous Internal Assessment

ESE: End Semester Examination.

Certificate in Office Automation

Duration : 6 months
Eligibility : 10+2 / 10+3

Sem	Course code	Course Title	CIA (max)	ESE (max)	Total (max)	Credit
I	22711	Computer Fundamentals	25	75	100	2
	22712	Principles of Information Technology	25	75	100	2
	22713	Office Automation	25	75	100	2
	22714	Office Automation - LAB	25	75	100	2
		Total	100	300	400	8

PCP per Semester:

Theory Courses - 18 Hours (3 Courses with 2 Credits each)

Practical : 60 Hours (1 Course with 2 Credits)

CIA: Continuous Internal Assessment,

ESE: End Semester Examination.

		Certificate in Web Designing				
		Duration : 6 months Eligibility : 10+2 / 10+3				
Sem	**Course code**	**Course Title**	**CIA (max)**	**ESE (max)**	**Total (max)**	**Credit**
I	22411	Fundamentals of Information Technology	25	75	100	2
	22412	Open source software	25	75	100	2
	22413	Web Designing	25	75	100	2
	22414	Web Designing Lab	25	75	100	2
		Total	**100**	**300**	**400**	**8**

PCP per Semester:

Theory Courses - 18 Hours (3 Courses with 2 Credits each)

Practical : 60 Hours (1 Course with 2 Credits)

CIA: Continuous Internal Assessment

ESE: End Semester Examination.