

Sri Paramakalyani College

Alwarkurichi

BSc Physics - Course Structure

(With effect from the Academic Year 2020-'21 onwards)

I BSc Physics				
<i>Semester</i>	<i>Part</i>	<i>Subject No.</i>	<i>Status</i>	<i>Subject Title</i>
I	I	1	Language	Tamil
	II	2	Language	Communicative English - I
	III	3	Major	Properties of Matter and Mechanics
		4	Major Practical I	Practical - I
		5	Add on Major	Professional English for physical Science - I
		6	Allied – I	Mathematics
	IV	7	Common	Environmental Studies

<i>Semester</i>	<i>Part</i>	<i>Subject No.</i>	<i>Status</i>	<i>Subject Title</i>
II	I	8	Language	Tamil
	II	9	Language	Communicative English - II
	III	10	Major	Optics and Thermal Physics
		11	Major Practical II	Practical - II
		12	Add on Major	Professional English for Physical Science - II
		13	Allied – II	Mathematics
	IV	14	Common	Value Based Education

II BSc Physics				
<i>Semester</i>	<i>Part</i>	<i>Subject No.</i>	<i>Status</i>	<i>Subject Title</i>
III	III	15	Language	Tamil
		16	Language	English
		17	Major	Electricity
		18	Major Practical II	Practical - III
		19	Skill Based	Maintenance of electrical appliances
		20	Allied – III	Chemistry
		21	Allied Practical I	Allied Practical - I
	IV	22	Non Major Elective	Commerce
		23	Common	Yoga

<i>Semester</i>	<i>Part</i>	<i>Subject No.</i>	<i>Status</i>	<i>Subject Title</i>
IV	III	24	Language	Tamil
		25	Language	English
		26	Major	Electromagnetism
		27	Major Practical IV	Practical - IV
		28	Skills Based	Maintenance of Electronic appliances
		29	Allied - IV	Chemistry
		30	Allied Practical II	Allied Practical - II
	IV	31	Non Major Elective	Commerce
		32	Common	Computer for Digital Era
	V	33	Extension Activities	NCC / NSS / YRC / YWF

III BSc Physics				
<i>Semester</i>	<i>Part</i>	<i>Subject No.</i>	<i>Status</i>	<i>Subject Title</i>
V	III	34	Major	Basic Electronics
		35	Major	Spectroscopy
		36	Major	Atomic and Nuclear Physics
		37	Major Elective	Practical - V
		38	General Practical	Practical VI
		39	Major Elective	Programming C++
	IV	40	Skilled Based	Personality Development

<i>Semester</i>	<i>Part</i>	<i>Subject No.</i>	<i>Status</i>	<i>Subject Title</i>
VI	III	41	Major	Quantum Mechanics
		42	Major	Digital Electronics
		43	Major	Solid State Physics
		44	Major Practical	Practical VII
		45	General Practical	Practical VIII
		46	Major Elective	Energy Physics
		47		Project