



# SACRED HEART COLLEGE (AUTONOMOUS)

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Ready for  
Every Good Work

A Don Bosco Institution of Higher Education, Founded in 1951 \* Affiliated to Thiruvalluvar University, Vellore \* Autonomous since 1987

Accredited by NAAC (4<sup>th</sup> Cycle – under RAF) with CGPA of 3.31 / 4 at 'A+' Grade

Name of the Course	Course Code	Name of the Program	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development	Year of introduction
Mathematical Physics-I	P717	M.Sc Physics	Entrepreneurship: Contents: -	2021-22
Electronic Devices and Applications	P720A	M.Sc Physics	Entrepreneurship: Contents: Special Devices, D/A and A/D converters, Sequential and Combinational Circuits. Activities: Constructing Special Devices such as SCR, TRIAC, UJT and D/A and A/D converters.	2021-22
Astrophysics	P720C	M.Sc Physics	Entrepreneurship : Contents: Moon Activities: Preparing a worksheet with eight different	2021-22

			phases of the moon, Observing the different phases of moon .	
Mathematical Physics-II	P820	M.Sc Physics	<b>Entrepreneurship:</b> Contents: -	2021-22
Microprocessor 8085 and Microcontroller 8051	P823A	M.Sc Physics	<b>Entrepreneurship:</b> Contents: Architecture and Interrupts of 8085A Microprocessor, Interfacing Memory and I/O devices, Architecture of 8051 Microcontroller. Activities: Project work	2021-22
Ultrasonics and its Applications		M.Sc Physics	<b>Entrepreneurship</b> Contents: -	2021-22