STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI – 600 086

DEPARTMENT OF PHYSICS

PROGRAMME – M.Sc. PHYSICS

FEEDBACK AND ACTION TAKEN REPORT ON CURRICULUM

Academic Year 2018 – 19

Code: 19PH/PC/MP14

- In Unit 1, mention clearly as Simson's one third rule, Runge-Kutta method-second order and methods of iteration (forward and backward).

Code: 19PH/PC/EL14

- Include FET, transistors, h-parameter, z-parameter and Transconductance G_m to be included.

Code: 19PH/PC/QM34

- Books for study: include Quantum Mechanics by Leonard Schiff.

Code: 19PH/PC/SS34

- Books for study: include **Introductory Solid State Physics** authored by Charles Kittle.
- Books for reference: include **Solid State Physics** authored by Rita John.

Code: 19PH/PC/QM44

- Books for study: include Quantum Mechanics by Leonard Schiff.

Code: 19PH/PC/NP44

- Title to be altered as Nuclear and Elementary Particle Physics.
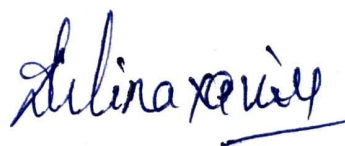
Code: 19PH/PC/P114

- Include the experiment OP AMP - Waveform generators and Astable and Monostable multivibrators.

Code: 19PH/PC/P224

- Include the experiment OP AMP – Low-pass, High-pass and band-pass filters.

Code: 19PH/PE/RP15

- In Unit 1, include reactor power calculations.

Code: 19PH/PE/NS15

- In Unit 1, include smart materials and combine with unit 2.
- Title of the paper could include Material Science.

Code: 19PH/PE/EP23

- Books for study: include **Energy Physics** textbook by R.B. Roy.

Code: 19PH/PE/RP15

- In Unit 1, include reactor power calculations.

General Suggestions:

Suggestion for the following paper code

a. 19PH/PC/SM35 to be offered in the first semester with 4 credits.
b. 19PH/PC/CM14 to be offered in the second semester with 4 credits.
c. 19PH/PC/ED24 to be offered in the third semester with 5 credits.

Action Taken

- Suggestions were implemented in the proposed syllabus