

**SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES::CHITTOOR
(AUTONOMOUS)**

**DEPARTMENT OF SCIENCE AND HUMANITIES
(SUBJECT-Physics)**

ONLINE MEETING OF BOS

The fourth meeting of all the members of Board of Studies – Science & Humanities (SUBJECT-Physics), SITAMS was held on 08-08-2020 at 11 AM through ZOOM meeting

Members Present:

S No	Name of the Member	Address of the member	BOS member Designation
1	Dr H Umamahesvari	HOD, S&H,SITAMS	BOS CHAIRMAN – S&H
2	Prof. R. Padma Suvarna	Professor & Head of Physics Dept JNTUA College of Engineering, Ananthapuramu.	University Nominee
3	Dr. B. Radhakrishna	Associate Professor, Dept of Physics, NBKR Institute of Science and Technology, Vidyanagar, Vakadu, Nellore Dist.	Subject Expert
4	Dr. P. Vishnuprasanth	Associate Professor, Dept of Physics, Sree Vidhyanikethan College of Engg., Tirupati.	Subject Expert
5	Mr.P.V.RamanaMoorthy	Associate professor of Physics, SITAMS,Chittoor	Member
6	Dr.D.Kothandan	Sr.Asst. professor of Physics SITAMS,Chittoor	Member

Minutes of the BOS meeting:

The board of Studies made the following suggestions:

The syllabus pertaining to open electives **Laser & Fiber Optics and Nanoscience and Nanotechnology** were discussed

In **Laser & Fiber Optics**, the following changes were made as per the suggestions of the Experts.

Unit-I: Changes pertaining to Absorption & Conditions to achieve Laser action are the changes done

Unit-II: Nd-Yag laser & Argon ion Lasers are included and in Semi Conductor Laser -Gallium

Arsenide- word added to represent Homo Junction Laser, Ruby and Chemical Lasers are removed

Unit-III: Lasers in Isotope Separation is added and Simulated Raman Effect is corrected as Raman Effect

Unit-IV: Instead of including different types of optical fibers, the phrase "Propagation of light to optical Fibers" is added.

Unit- V: No changes , just the word neat diagram is removed

Regarding Nanoscience and Nanotechnology

Unit-I: Types of Nanomaterials- Three-Dimensional Nanomaterials removed.

Unit- II: Physical Vapour Deposition removed

Unit-III: Unit Name is modified as Surface and "**Structural Characterization of Nanomaterials**", **FESEM removed** and it is recommended to expand the characterization techniques instead of Using abbreviation

Unit-IV: Suggested to include commercial applications Environmental applications introduced.

Unit-V: The phrase **Allotropes of Carbon** is added followed by inclusion of Graphene and Fullerenes.

New Text books were added as reference books in either electives

BOS Chairman


Dr H Umamahesvari