

# SWARNANDHRA COLLEGE OF ENGINEERING & TECHNOLOGY

AUTONOMOUS



Accredited by National Board of Accreditation, AICTE, New Delhi  
Accredited by NAAC with "A" Grade-3.32/4.00 CGPA,  
Recognised under 2(f) & 2(B) of UGC Act 1956, Approved by AICTE,  
Permanently Affiliated to JNTUK, Kakinada  
SEETHARAMPURAM, NARSAPURAM-534 280, W.G.DT.,

## DEPARTMENT OF SCIENCES & HUMANITIES

### MINUTES OF BOARD OF STUDIES

**Subject: Physics**

**Date: 21.01.2021**

BOS Meeting (Online) of Physics was held on 21.01.2021 at 12:30PM

#### The following members were present:

1	Dr. G. J. Nagaraju	Asst. Prof., University College of Engineering, JNTUK, Vizianagaram
2	Dr. K. V. Ramesh	Professor & HOD, Department of Physics, GITAM Deemed to be University, Rushikonda, Visakhapatnam
3	Dr. V. Swaminadham	Professor & HOD, SCET, Narsapur
4	Dr. N. GnanaPraveena	Assoc. Prof, Dept. of Physics, SCET, Narsapur
5	Mr. K. KoteswaraRao	Asst. Prof, Dept. of Physics, SCET, Narsapur
6	Mr. A. Satish	Asst. Prof, Dept. of Physics, SCET, Narsapur

#### Resolutions:

- It is unanimously concluded to follow the rules and regulations stipulated by Academic Council for internal and external evaluations. External question paper was finalized by allotting marks for section-A, 10 marks (5x2); section-B 50 marks (5x10) respectively. Section-B consisting of internal choice from each unit.
- It is concurrently concluded to continue the syllabus proposed in R19 Regulations with a minor change in unit no. 5. Attenuation in Optical Fibers is added.
- It is unanimously accepted to strengthen the practical paper by introducing the new practicals such as Numerical Aperture and Acceptance angle of an Optical Fiber, the charge carrier density by using Hall Effect, Characteristic curves (I/V) of a P-Ndiode and dielectric constant of a given material are added. The acceleration due to gravity at your place by using compound pendulum and rigidity modulus of the given material wire by using Torsional pendulum are removed.

**Paper setters:**

The following are the list of paper setters

1. Dr. G. J. Nagaraju  
Asst. Professor  
JNTUK, Vizianagaram  
(University Nominee)  
9440131535
2. Dr. G. Vijaya Prakash  
Professor  
Department of Physics, IITD, New Delhi  
(Subject Expert)  
Ph No:911126591326
3. Dr. K. V. Ramesh  
Professor  
GITAM Deemed to be University, Rushikonda, Visakhapatnam  
(Subject Expert)  
9848292228
4. Dr. Y.P.K.Raghava  
Prof & HOD, S&H Dept.  
G.V.P.Engg college  
Visakhapatnam.  
9705734808
5. Dr. K Samatha  
Professor  
Andhra University  
Visakhapatnam.  
9441044529

The above mentioned changes are discussed and unanimously accepted by the BOS committee. The meeting was successfully closed with fruitful discussions.



*V. Swaminadham*

**Dr. V. Swaminadham**  
Chairman BOS