



सत्यमेव जयते  
महागुरु शास्त्र



## GOVERNMENT COLLEGE OF ENGINEERING AMRAVATI

(An Autonomous Institute of Govt. of Maharashtra)

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No. GCOEA/INSTRU/BoS/ 404

Date: 11/04/2024

### Minutes of Meeting

#### Board of Studies Instrumentation Engineering

Date: 10-04-2024

Time: 03:00 p.m.

Venue: [Online Meeting] Instrumentation Department, GCOE, Amravati

#### Members Present

1 Dr.G.G.Bhutada,	BoS Chairman, Professor in Instrumentation Engg, GCOE, Amravati
2 Dr Pradeep Jawandhiya	Principal PLTIM , Buldhana
3 Dr C Y Patil	Professor Instrumentation Engineering, COEPTU Pune
4 Dr Kishore Nandapurkar	Assistant Professor ,Indian Institute of Technology, Dhanbad
5 Mr Manish Tapase	Industry Expert ,Fuji Electric India Pvt Limited
6 Prof N.S.Pathak	Assistant Professor ,Instrumentation Engineering ,GCOE,Amravati
7 Prof S P Bijawe	Assistant Professor ,Instrumentation Engineering ,GCOE,Amravati
8 Prof H.P.Rewatkar	Assistant Professor ,Instrumentation Engineering ,GCOE,Amravati
9 Prof U.M.Thorkar	BoS Secreatry , Asstt Prof in Instrumentation Engg, GCOE, Amravati

#### Members who could not attend

- 1] Dr M R Bongulwar, Associate Professor, GCOE &R Awasari has asked leave for the meeting due to emergency work

The minutes of the meeting are recorded here.

- 1) Following members could not attend with prior intimation. Therefore, leave of absence was granted to them. (i) Dr M R Bongulwar ,Associate Professor ,GCOE &R, *Awasari*
- 2) BoS Chairman welcomed all the members present .Previous minutes of meeting were approved since request of the board of removing applied mechanics was taken due consider in the proposed current syllabus of NEP.
- 3) The curriculum structure for B.Tech Instrumentation Engineering in the light of National Education Policy 2020 for all the four years is presented in the meeting.

The structure is approved with the following highlighting suggestion from Hon BoS members

i] The members suggested to include the subjects a] Entrepreneurship Development b] Intellectual property Rights c] Engineering Economics in the open Elective basket at the institute level at appropriate level ,

ii] The subjects like Power plant Instrumentation engineering should be replaced with the recent subjects offered by Various IITS. The subject should be kept as Embedded Sensing, Actuation and Interfacing Systems .The course material and the NPTEL course of Prof. Banibrata Mukherjee , IIT Kharagpur should be refereed. Considering proper suggestions power plant Engineering is decided to remove with the above mentioned content .

iii] It has been brought to the notice of the members that in the First year curriculum the subjects IN1221 Elements of Measurement ,IN1222 Elements of Measurement Lab , 1223 Introduction to MatLab has been introduced for first year instrumentation engineering students .The members suggested to keep the name of the subject as Introduction to MatLab instead of Basic MatLab programming .Subjects from the Instrumentation board has been offered first time to First year courses ,

This point is appreciated by all board members ,

The First Year B.Tech Instrumentation Engineering NEP Curriculum is approved with above suggestions .

iv] The Second Year B.Tech Instrumentation Engineering NEP Curriculum and contents has been presented to the BoS members .The contents is approved with following suggestions :

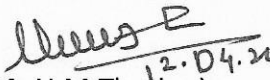
a] IN1303 EDC repetitions should be avoided with respect to the first year subject Basic Electronic Engineering ,

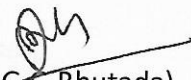
b] IN1308 Introduction to Lab View the representative list of the experiments should be provided ,

4) It has been suggested that for Multidisciplinary minor [MM] the Capping for the number of students shall be allow in order to deliver the course effectively ,

5) BoS chairman informed the change in BoS secretary to the members, .Prof U M Thorkar has been given the charge of BoS secretary .

6) Mr .U.M.Thorkar made the closing remarks and the meeting ended with the vote of thanks ,

  
(Mr U.M.Thorkar)  
Member Secretary, BoS  
IED, GCOE, Amravati

  
(Prof.G.G.Bhutada)  
Chairman, BoS  
IED, GCOE Amravati