**GOVERNMENT COLLEGE OF ENGINEERING, JALGAON**

**(An Autonomous Institute of Government of Maharashtra)**

**Sixth Meeting:- BOARD OF STUDIES IN SCIENCE AND HUMANITIES**

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**Minutes of Meeting:-**

Date :- Tuesday , 17th April 2018

Time:- 08.00 am

Venue:- Applied Science Department ( Room No.25 )

**Present Members:-**

Dr. R. P. Borkar:- Principal

Smt. M.S.Phalak:-Chairman of BoS

Prof. S.D.Gadhire: Member of Secretary

Smt. Y. S. Patil:- Member

Prof. V.M.Kanke:- Member

Prof. N.M.Gosavi:- Member

Dr. B. R. Sankapal:- Member

Dr. V. S. Kulkarni:- Member

Shri. S. Y. Prabhudesai:- Member

Dr. P. A. Narkhede:- Member

Prof. S. R. Zope:- Invitee

Prof. S. S. Patil:- Invitee

Prof .U. A. Kadam:- Invitee

Prof S.O. Dahad:- Permanent Invitee (Dean Academics)

As per telephonic and email conversation Shri. Satish Mandora, Dr. P. P. Mahurlikar asked for leave for sixth BoS meeting to BoS Chairman and was sanctioned.

**Proceedings:**

The meeting started at 8.00 am. Prof N M Gosavi greeted all the members of the BoS and explained the reason of the meeting.

Prof S D Gadhire read agenda of fifth meeting of Board of Studies.

**Item No. 1:**

**To read and confirmed the Minutes of fifth meeting of Board of Studies held in Room number 25 of institute on *Tuesday , 17th April 2018 at 8.00 am***

Prof. S. D. Gadhire read Agenda of the fifth meeting of Board of Studies and all the members approved it.

**Item No.2:**

**To Note & approve the action taken by Department on the Agenda Points discussed and resolved in second meeting of Board of Studies.**

Prof. S. D. Gadhire read action taken of the fifth meeting of Board of Studies and all the members approved it.

**Item No.3:**

**To discuss and approved the revised syllabi of UG Programme of Science and Humanities.**

Chairman-BoS, Smt M. S. Phalak discussed the detailed structure of 1st Year all branch.

**3.1]** Shri. S. Y. Prabhudesai suggested that the program should include topics related to social emersion so that the students get associated with the society. All the members agreed with it and those rights are given to BoS chairman-Science and Humanities and approve it unanimously.

Prof. S. O. Dahad discussed the details of induction program and how it should be conducted in first semester. All the members agreed with it and those rights are given to BoS chairman-Science and Humanities and approve it unanimously.

**3.2]** Dr. B. R. Sankapal suggested following topics should be introduced in the new syllabus.

Superconductor topic should be replaced with physics of semiconductor because superconductor topic is nowadays outdated and accordingly syllabus has been revised.

Prof M. S. Phalak read the changes made in the syllabus of SH102 Applied Physics.

**3.3]** With the discussion with Dr. P. P. Mahurlikar in North Maharashtra University on 21st April 2018, he has suggested that Green Chemistry topic should be included in Environmental studies.

All the members agreed with it and those rights are given to BoS chairman-Science and Humanities and approve it unanimously.

**3.4]** As per suggestion given by Dr. R. P. Borkar, syllabus of SH 104 Communication Skills, SH 105 Communication Skills Lab, SH 154 Human Interaction Skills and SH 155 Human Interaction Skills Lab is discussed with Shri. Satish Mandora (Management professional). As per his expert suggestions the syllabus has been designed.

All the members agreed with it and those rights are given to BoS chairman-Science and Humanities and approve it unanimously.

**3.5]** Dr. V. S. Kulkarni suggested the following changes in SH101 Engineering Mathematics-I. In matrices inverse, rank nullity theorem should be included. In differential calculus, Rolle’s Theorem, mean value theorem and Maxima and Minima should be included. Also in practical differentiation Limit, Continuity should be included. SH151 Engineering Mathematics-II Bernoulli’s D.E. and rectification of plane Cartesian and polar curves should be included.

All the members agreed with it and those rights are given to BoS chairman-Science and Humanities and approve it unanimously.

**3.6]** With the discussion with Dr. P. P. Mahurlikar in North Maharashtra University on 21st April 2018, he has suggested in the syllabus of SH 102- Applied Chemistry, change the sequence of contents as well as Water topic should be introduced, from chapter Polymer Chemistry Spectro should be removed. In the chapter, Drug formation- only common names not examples.

Further Dr. P. P. Mahurlikar has suggested that engineering students related practical must be introduced in the syllabus of SH 103- Applied Chemistry Lab. According to his suggestion, following practical is introduced. 1. Analysis of Coal sample by proximate analysis. 2. Determination of heavy oils by means of Red Wood viscometer. 3. Estimation of calcium and calcium oxide in cement. 4. PH metric measurements.

All the members agreed with it and those rights are given to BoS chairman-Science and Humanities and approve it unanimously.

**3.7]** Further Prof. M.S.Phalak has suggested that Instead of SH code, the subject code should be followed by subject name. But Shri. S. Y. Prabhudesai and Dr. B. R. Sankapal suggested that previously assigned codes SH are useful for administration.

All the members agreed with it. Whatever changes made in APEC will be reconsidered by BoS chairman-Science and Humanities and approve it unanimously.

**Item No. 4:**

**To discussed and approved the constitution of Examination Panel of different Subject in Science and Humanities.**

Prof. S. D. Gadhire read Examination panel of all subjects included in Board of Studies, all the members agreed with it and those rights are given to BoS chairman-Science and Humanities and approve it unanimously.

**Item No 5:**

**To discuss the new curriculum structure of First Year B.Tech in light of Credit Transfer, Choose based credit system.**

Dr. R. P. Borkar told that new curriculum structure should be made on the basis of choice base system, credit transfer and many more, so that best structure should be made. Also he has discussed induction program for F.Y. B. Tech. students.

So all the members agreed with it and those rights are given to BoS chairman-Science and Humanities and approve it unanimously.

**Item No 6:**

**Any other point by the permission of chair**

Principal suggested that the Dean Academic will be the permanent invitee for all BoS meetings.

BoS chairman-Science and Humanities will forward the suggestion to APEC.

All members of BoS are unanimously agreed.

After the discussion by all members, Prof V M Kanke gave vote of thanks.

Prof. S. D. Gadhire Smt. M. S. Phalak

BOS Secretary Chairman,

Board of Science and Humanities,

Government College of Engineering, Jalgaon