**GOVERNMENT COLLEGE OF ENGINEERING, JALGAON**

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

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

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**Minutes of Meeting:-**

Date :- Tuesday , 12th February 2019

Time:- 10.00 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

Dr. P. A. Narkhede:- Member

Dr. R. D. Kokate:- Invitee

Dr. S. S. Pusadkar:- Invitee

Prof. H. D. Gadade:- Invitee

Prof. S. R. Zope:- Invitee

Prof. S. S. Patil:- Invitee

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

**Proceedings:**

The meeting started at 10.00 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 sixth meeting of Board of Studies.

**Item No. 1:**

**To read and confirmed the Minutes of sixth 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 sixth 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 sixth meeting of Board of Studies and all the members approved it.

**Item No.3:**

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

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

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

Dr. P. A. Narkhede suggested that SH 222U Human Interaction Skills subject contents should revise. Chapters should be combined and Perception, Interpersonal relationship, leadership and Motivation should introduce in syllabus. Dr. B. R. Sankapal suggested few social related practical to be included in syllabus.

Dr. P. A. Narkhede suggested that in SH273U Professional Communications, practical must be specific and has suggested that report writing based practical should include in syllabus.

Dr. P. A. Narkhede suggested that in SH232U Entrepreneurship and Business Management, salient features of new industrial policy should include in syllabus.

As per suggestion given by Dr. R. P. Borkar, the syllabus of SH202U Effective Technical Communication must be redesigning accordingly guidelines given by AICTE.

As per discussion, the course Effective Technical Communication shall be common for the disciplines and shall be accommodated in second year only. Its course code is finalized as SH 299U. The teaching/evaluation scheme shall include 2 hrs laboratory, 25 marks ICA + 25 marks ESE (oral) and one credit. All the members agreed with it and those rights are given to BoS chairman-Science and Humanities and approve it unanimously.

The evaluation scheme for audit courses like SH200AU Essence of Indian Traditional Knowledge and SH250AU Constitution of India etc shall include ESE of 60 marks and converted out of 100 marks for final result. All the rights of designing the syllabus of SH250AU Constitution of India are given to BoS -Science and Humanities and approve it unanimously. All the members agreed with it and those rights are given to BoS chairman-Science and Humanities and approve it unanimously.

**3.2]** Dr. P. A. Narkhede suggested Business Statistics book written by S. P. Gupta should be given in the list of reference books in SH 221U: Engineering Mathematics -III (For all branches). All the members agreed with it and those rights are given to BoS chairman-Science and Humanities and approve it unanimously.

The title and course code for the course Engineering Mathematics (Engineering Mathematics-III of Old structure) shall be suggested by Science and Humanities BoS.

**3.3]** Dr. V. S. Kulkarni suggested the following changes in Mathematics subject.

As per suggestion given by BoS chairman of all departments, subject name of SH 201U Engineering mathematics-III has to change to SH 201U Engineering Mathematics. As per suggestion given by Dr. R. P. Borkar, Integral Transform topic is designed by combining Laplace transform and Fourier transform. From topic Laplace Transform, following changes are made, L.T. special functions, unit step function, dirac delta function and periodic function is removed. Z- Transform topic is also omitted from syllabus. Karl Pearson coefficient of correlation include in Statistics and Probability distribution unit for all branches.

As per suggestion given by BoS chairman of Mechanical departments, the book Statistical Method by Dr. S. P. Gupta, S.Chand publication Delhi, 2014 is included in syllabus of mathematics of all branches.

Subject name of SH 2221 Engineering mathematics-III has to change to SH 221U Engineering Mathematics.

Subject name of SH 251 Engineering mathematics-III has to change to SH 251U Advanced Engineering Mathematics. Integral Transform topic is designed by combining Laplace transform and Fourier transform. From topic Laplace Transform, following changes are made, L.T. special functions, unit step function, dirac delta function and periodic function is removed. Vector differential topic is also replaced by Numerical methods.

SH 291U Mathematics for Computer Science, following topics are omitted from units:

Numerical Method – I : Crout’s methods, Numerical methods-II: Numerical Differention, Basic Probability:- Chebyshev’s inequality, Continuous Probability Distribution: Gamma densities, Bivariate Distribution: Baye’s rule, Basic Statistics: Correlation and regression , rank correlation. The unit namely Small sample is completely omitted.

All the members agreed with it and those rights are given to 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:**

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

All the finalization of syllabus related to Science and Humanities and changes in the course code, these rights are given to BoS Chairman-Science and Humanities and approve it unanimously. 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