

**GOVERNMENT COLLEGE OF ENGINEERING, JALGAON**  
**(An Autonomous Institute of Government of Maharashtra)**

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**Minutes of Seventh Meeting of BoS (E and T/CEngineering)held on 04/03/2017**

The seventh meeting of all the members of Board of Studies -Electronics and Telecommunication Engineering, Jalgaon was held on 04/03/2017 at 10.30 am in the meeting hall of institute. The following members were present for the meeting.

Sr. No.	Name of the member
1.	Prof. S. O. Dahad - Chairman
2.	Dr. A.M.Mahajan – Invited Member
3.	Dr. A. J. Patil- Member - Member
4.	Shri.Prashant G.Marathe - Member
5.	Prof. Kaustubh Sakhare– Member
6.	Mr. Devdatta Gokhale –Member
7.	Dr. M. H. Nerkar- Member
8.	Prof. G. K. Andurkar- Member
9.	Prof. A. G. Andurkar- Member
10.	Prof. M. S. Sadavarte- Member
11.	Prof. S. M. Patil- Member
12.	Prof. Y. D. Kapse- Member
13.	Prof.D. M. Gaikwad- Member
14.	Prof. S.P. Khachane – Invited Member
15.	Prof. Shraddha Kharat - Invited Member
16.	Prof. T.Suman – Invited Member
17.	Prof. M.R.Dhotre – Member Secretary

At the start of the meeting, Chairman Prof. S.O. Dahad welcomed Honorable Dr. A. M. Mahajan, as invited member and members of Academic Council and Board of Governance of this institute. Prof. M. R. Dhotre, Member-Secretary; BoS informed to all the members that Dr. S. U Bonde and Dr. K. M. Bhurchandi had expressed their inability to attend the meeting due to some unavoidable circumstances, and therefore leave of absence was granted to them.

*With the permission of chairman the proceeding of BoS started.*

**Item No 1:**

*To read and confirm the minutes of sixth meeting of BoS, Electronics and Telecommunication Engineering held on September 03, 2016 in HoD (E&Tc) cabin.*

BoS noted and confirmed minutes of sixth meeting of BoS.

**Item No 2:**

*To note and approve the action taken by department on the agenda points discussed and resolved in the sixth meeting of BoS.*

BoS noted and approved the action taken by department on the agenda points discussed and resolved in the sixth meeting of BoS.



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**Item No 3:**

*To discuss and approve detailed syllabi of all courses for Final Year B. Tech. (E&Tc) as per attached curriculum structure.*

3.1 BoS discussed syllabi of all courses for Final Year B. Tech. (E&Tc) as per attached curriculum structure. Syllabi of following courses were approved after thorough discussion with slight modifications.

Sr. No.	Course Code and Course Name
1	ET401 Digital System Design and VLSI
2	ET402 Satellite and Mobile Communication
3	ET403 Elective I - A Digital Image Processing B Broadband Communication C Embedded Systems D Bio-Medical Engineering
4	ET404 Inter-disciplinary Elective- A Semiconductor Power Devices and Drives. B Electronics Instruments and Applications C Photovoltaic Devices and Systems D Industrial Automation
5	ET405 Digital System Design and VLSI LAB
6	ET406 Satellite and Mobile Comm. LAB
7	ET407 LAB (Elective I)
8	ET408 Project Phase I
9	ET409 Seminar
10	ET451 Computer Network and Communication
11	ET452 Microwave Engineering and Fiber Optics
12	ET453 (Elective II) - A Neural network and Fuzzy logic B Multimedia Communication C Telecommunication Switching Network & Management D Nano-technology
13	ET454 (Elective III) - A Advance Digital Signal Processing B Radiation and Antenna Design C CMOS VLSI Design D Industrial Automation and Control
14	ET455 Computer Network and Communication LAB
15	ET456 Microwave Engineering and Fiber Optics LAB
16	ET457 LAB (Elective III)
17	ET458 Project Phase II
18	ET459 Industrial Lecture
19	ET460 Industrial Visit/Industrial Training/Special Study/EDP Training

3.2 Regarding syllabi of inter-disciplinary elective courses, BoS has resolved that these syllabi need to be reviewed and revised thoroughly. Hence BoS suggested DFB to make the syllabi of these courses to be application based so that it shall benefit to students in all other discipline. *Accordingly, after thorough revision and as per consultations received from BoS Members, DFB, finalized and approved syllabi of these courses.*

3.3 Regarding course **SH401 Entrepreneurship and Business Planning**, draft prepared by DFB was approved in principle and recommended to forward to Chairman BoS (Science and Humanities) for final approval.

3.4 Regarding courses ET410 Self Study-III and ET461 Self Study -IV, BoS felt that description of these courses already given in approved structure is sufficient and self explanatory and hence syllabi of these courses are not separately attached.

3.5 Syllabi of all courses approved by this BoS to students of Final Year B. Tech. (E&Tc) and syllabus of course **SH401 Entrepreneurship and Business Planning** (as approved by BoS- Science and Humanities), are attached as **Annexure-I**.

**Item No 4:**

*To review/revise paper setters'/examiners' panels for academic year 2016-17 which were approved in sixth BoS meeting.*

BoS chairman briefed about difficulties faced by institute on paper setters'/examiners' panels; therefore it is decided to add few more names in the panel. Accordingly; BoS approved inclusion of name of **Smt. M.R. Dhotre** in the examiners' panel for course **ET551 Fuzzy Logic Systems of F.Y. M.Tech. (E&Tc)** and BoS also approved inclusion of name of **Prof. Mayur Jakhete, G.H.Raisoni, CoE, Jalgaon** and **Prof. S. A. Hingonekar, SSBT's,CoET,Bambhori** in the examiners' panel for course **ET359 Circuit Simulation Lab of T.Y. B.Tech. (E&Tc)**.

**Item No. 5:**

*Discussion on revision of curriculum structure.*

All the members were of the opinion that; curriculum structure shall be revised and new structure shall be based on "**Choice Based Credit System (CBCS)**" and shall follow the guidelines issued by National Knowledge Commission (NKC) and model curriculum published by All India Council for Technical Education (AICTE). Innovative practices and courses like Multidisciplinary Project (MDP), MOOCs, and courses of SWAYAM etc shall be included in curriculum to enhance employability of students. In addition; curriculum shall focus more on practical in response to criticism from practicing engineers that "Engineering education in India is too theoretical and analytical in nature". Evaluation system may also be reformed if possible.

Prof. S. O. dahad briefed to all Hon. Members that the institute has already planned to organize two days workshop on "Curriculum Development and Paper Setting" by Hon. Dr Agrawalji, Former Chairperson of UPSC on March 29-30; 2017. Therefore; he requested to all the members to discuss this item in detail in the backdrop of Hon. Agrawalji's guidance in the next BoS meeting. All the members accepted his suggestion.

**Item No. 6:**

*Any suggestion on autonomy/examination rules.*

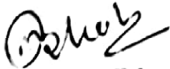
Differed till next meeting.

**Item No. 7:**

*Any other point by the permission of chair.*

No point was discussed.

*Meeting concluded with vote of thanks by Prof. M. R. Dhotre*

  
**Prof. M.R.Dhotre**  
**(Member Secretary BoS E&TC)**

  
**Prof.S.O.Dahad**  
**(Chairman BoS E&TC)**

Copy To: 1. All members of BoS - E and T/C Engineering, GCoE, Jalgaon.  
2. Hon. Principal and Chairman – Academic Council, GCoE, Jalgaon .  
3. Hon. Chairman, Academic Programme Evaluation Committee, GCoE, Jalgaon