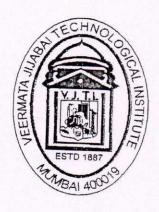# VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE
(VJTI)
MATUNGA, MUMBAI 400 019

MINUTES OF

SeventhMeeting of the

Academic Council

Held on

Friday, June 24, 2016 at 2.30 pm

At

Civil Department Seminar Hall,

VJTI, Matunga, Mumbai 400 019

Veermata Jijabai Technological Institute
Minutes of Seventh Meeting of Academic Council
Friday, June 24, 2016 at 2.30 pm

Seventh Meting of Academic Council was held on Friday, June 24, 2016 at 2.30 pm at Civil Seminar Hall. Following members an invitees were present:

1.	Dr. O G Kakde, Director & Chairman
2.	Dr. Shubha Pandit, Nominee of Mumbai University
3.	Dr. D N Badodkar, External Expert
4.	Dr. P U Gharpure, External Expert invitee
5.	Dr. R. N. Awale, Head Electrical Engineering Department & Ex Dean Academics
6.	Dr. A K Rakshit, Head Textile manufacture Department
7.	Dr. G P Bhole, Head Computer Engineering & IT Department
8.	Dr. Sanjay M. G., Head Mechanical Engineering Department
9.	Dr. P. P. Bhave, Head Civil Engineering Department
10	Prof. U Nair, Head Humanities and Management Department
11.	Prof. B G Belapatti, Head Mathematics Department
12.	Dr. D. K. Shinde, Head Production Engineering Department
13.	Dr. Sujata P, Head Technical & Applied Chemistry Department
14.	Dr. M S Panse, Professor , Electrical Engineering Department
15.	Dr. V. M. Topkar, Professor, Civil Engineering Department
16.	Dr. S Y Mhaske, Associate Professor, Civil Engineering Department
17.	Dr. A. N. Bambole, Dean (R&D), invitee
18.	Dr. V. B. Deshmukh, Ass Dean (Academic Programs), invitee
19.	Dr. R. D. Daruwala, Dean(Academics Programs) & Member Secretary

Following members were given leave of absence

1.	Dr. B Ravi, External Expert
2.	Dr. G Sivakumar, External Expert
3.	Dr. Deepankar Choudhary, External Expert
4.	Dr. W S Rathod, Assistant Professor, Mechanical Engineering Department

Item No. 1

The Chairman Academic Council welcomed the members. The minutes of sixth meeting of Academic Council meeting held on April 04, 2016 were confirmed.

Item no. 2

Proposal for implementation of revised scheme of instruction and evaluation for semester V and VI of B.Tech. Program in Electrical Engineering and course contents for semesters V and VI to be implemented from academic year 2016 -17.

Draft scheme of instruction and evaluation for the semester V and VI of B.Tech. Program in Electrical Engineering and course contents for semesters V and VI to be implemented from academic year 2016 -17 were presented. The following suggestion specific to Electrical Engineering Program was made:

1. Course Microprocessor and Microcontroller for Semester VI may be modified with inputs from Industry.

After a thorough discussion, Academic Council approved curriculum comprising of scheme of instruction and evaluation for the semester V and VI of B.Tech. Program in Electrical Engineering and course contents for semesters V and VI to be implemented from academic year 2016 -17, details are included as Appendix I. Chairman Academic Council was authorized to approve minor alterations in course contents as well as changes in course outcomes.

Item no. 3

Proposal for implementation of revised scheme of instruction and evaluation for semester V and VI of B.Tech. Program in Electronics Engineering and course contents for semesters V and VI to be implemented from academic year 2016 -17.

Draft scheme of instruction and evaluation for the semester V and VI of B.Tech. Program in Electronics Engineering and course contents for semesters V and VI to be implemented from academic year 2016 -17 were presented. The following suggestion specific to Electronics Engineering Program was made:

1. The consistency of nomenclature of courses may be maintained

After a thorough discussion, Academic Council approved curriculum comprising of scheme of instruction and evaluation for the semester V and VI of B.Tech. Program in Electronics Engineering and course contents for semesters V and VI to be implemented from academic year 2016 -17, details are included as Appendix II. Chairman Academic Council was authorized to approve minor alterations in course contents as well as changes in course outcomes. Further, minor modifications in course contents for courses Digital Combinational Circuits, and Digital Sequential circuits: Theory and Laboratory at semester III and IV were approved after discussion, to be implemented from AY 2016-17.

Item no. 4

Proposal for implementation of revised scheme of instruction and evaluation for semester V and VI of B.Tech. Program in Electronics and Telecommunications Engineering and course contents for semesters V and VI to be implemented from academic year 2016 -17.

Draft scheme of instruction and evaluation for the semester V and VI of B.Tech. Program in Electronics and Telecommunications Engineering and course contents for semesters V and VI to be implemented from academic year 2016 -17 were presented. The following suggestion specific to Electronics and Telecommunications Engineering Program was made:

1. Elective Course I: Data Compression and Encryption should be only Data Compression

After a thorough discussion, Academic Council approved curriculum comprising of scheme of instruction and evaluation for the semester V and VI of B.Tech. Program in Electronics and

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Telecommunications Engineering and course contents for semesters V and VI to be implemented from academic year 2016 -17, details are included as Appendix III. Chairman Academic Council was authorized to approve minor alterations in course contents as well as changes in course outcomes.

Item no. 5
Proposal for implementation of revised scheme of instruction and evaluation for semester V and VI of B.Tech. Program in Computer Engineering and course contents for semesters V and VI to be implemented from academic year 2016 -17.

Item no. 6
Proposal for implementation of revised scheme of instruction and evaluation for semester V and VI of B.Tech. Program in Information Technology and course contents for semesters V and VI to be implemented from academic year 2016 -17.

Draft scheme of instruction and evaluation for the semester V and VI of B.Tech. Program in Computer Engineering and B.Tech. program in Information Technology along with course contents for semesters V and VI to be implemented from academic year 2016 -17 were presented. The following suggestions specific to Computer Engineering and Information Technology Programs were made:

1. Course in semester V Statistics and linear optimization may be named as Statistics and optimization
2 Course Outcomes to be reworked and should be measurable.
3 Course on Project Management should be well structured and can be kept at a later semester.
4 Text Books and Additional Reading should be written in format already circulated by Dean(AP)
6 Consistency in wording of Laboratory experiments may be maintained
7 Course on Embedded system design to be restructured as Internet of Things.

After a thorough discussion, Academic Council approved curriculum comprising of scheme of instruction and evaluation for the semester V and VI of B.Tech. Program in Computer Engineering and B.Tech. program in Information Technology along with course contents for semesters V and VI to be implemented from academic year 2016 -17, details are included as Appendix IV and V. Chairman Academic Council was authorized to approve minor alterations in course contents as well as changes in course outcomes. Further, minor modifications in Course Data Communication at Semester IV of B Tech in Computer Engineering and Information Technology were approved after discussion to be implemented from AY 2016 -17.

Item no. 7
Review of blended Massive Open Online Courses (MOOCs) initiative from IIT Bombay delivered by IIT Bombay during AY 2015 – 16.
VJTI participated in IIT Bombay initiative of blended Massive Open Online Courses during AY 2015 – 16. VJTI offered two courses, one in Electronics Engineering and second in Mechanical Engineering. This effort of blended MOOC only supplemented classroom teaching. The experience of Electrical Engineering and Mechanical Engineering Departments which offered the courses was overall good. Academic Council, after discussion, approved to continue and enlarge, if possible, offering of blended MOOC courses.

Item no. 8

Proposal to permit students having Cumulative Performance Index (CPI) of 8.5 and above at the end of semester II of M.Tech. programs to earn extra credits by undergoing additional courses in parent department or other departments.

The proposal was discussed. In principle approval was accorded by Academic Council. Chairman Academic Council was authorized to form a committee of Asso Dean (AP), Heads of two Departments and Controller of Examination to lay down norms for operating this scheme in consultation with Dean (AP). The scheme could be implemented from AY 2016 -17.

Item no. 9

Nomination of two members each on the Boards of Studies by the Academic Council

S No	Name of the Board	Names of Nominees
1.	Board of Studies in Civil Engineering	1. Dr. Tom Mathew, Professor, Civil Engg. Dept., IIT Bombay 2. Dr.VedulaPhanikanth, Scientist G, Bhabha Atomic Research Center, Mumbai
2.	Board of Studies in Production Engineering	1. Dr. L Ganapathy, Professor, NITIE, Mumbai 2. Dr. Dr. Ramesh Singh, Asso Professor, Mechanical Engg. Dept. IIT Bombay
9.	Board of Studies in Computer Applications	1. Dr. M. Sasikumar, Associate Director, Center for Development of Advanced Computing, Mumbai 2. Dr. AbhiramRanade, Professor, Computer Science & Engineering Department, IIT Bombay

Item no. 10

Any other matter with permission of Chair.

A general discussion took place regarding implementation revision of curriculum. The following suggestions were made:

1. It was reiterated that maximum three text books and not more than five books as additional reading / reference books for each course should be there in the curriculum.
2. Program Specific Outcomes and Course Outcomes must be measurable / quantifiable.
3. A workshop to educate faculty on writing appropriate measurable Course Outcomes would be arranged.

Dean & Member Secretary, Academic Council   Director & Chairman, Academic Council