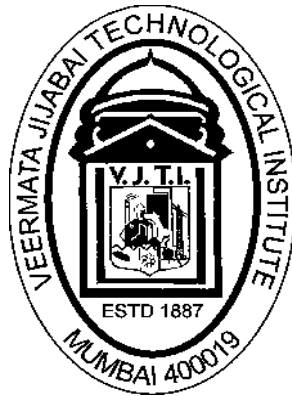


VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE
(VJTI)
MATUNGA, MUMBAI 400 019



MINUTES OF

Sixth Meeting of the

Academic Council

Held on

Monday, April 4, 2016 at 2.30 pm

At

DEP – I Seminar Hall,

VJTI, Matunga, Mumbai 400 019

Veermata Jijabai Technological Institute
Minutes of Sixth Meeting of Academic Council
Monday, April 4, 2016 at 2.30 pm

Sixth Meeting of Academic Council was held on Monday, April 4, 2016 at 2.30 pm at DEP - I Seminar Hall. Following members and invitees were present:

1.	Dr. O G Kakde, Director & Chairman
2.	Dr. Shubha Pandit, Nominee of Mumbai University
3.	Dr. Deepankar Choudhury, External Expert
4.	Dr. P U Gharpure, External Expert invitee
5.	Dr. A K Rakshit, Head, Textile Manufactures Department
6.	Dr. G P Bhole, Head, Computer Engineering & IT Dept.
7.	Dr. Sanjay M G, Head, Mechanical Engineering Dept.
8.	Dr. P P Bhave, Head, Civil Engineering Dept.
9.	Pf. U Nair, Head, Humanities and Management Dept.
10.	Pf. A A Pandit, Head, MCA Dept.
11.	Dr. Sujatha P, Head, Technical & Applied Chemistry Dept.
12.	Dr. S A Mastud, Head, Production Engineering Dept.
13.	Dr. M S Panse, Professor, Electrical Engineering Dept.
14.	Dr. V M Topkar, Professor, Civil Engineering Dept.
15.	Pf. S Y Mhaske, Asso. Professor, Civil Engineering Dept.
16.	Dr. W S Rathod, Asst. Professor, Mechanical Engineering Dept.
17.	Dr. H A Mangalvedekar, Professor, Electrical Engineering Dept. invitee
18.	Dr. A N Bambole, Professor, Structural Engineering Dept. invitee
19.	Dr. V B Deshmukh, Asso Dean (Academic Programs), invitee
20.	Dr. R D Daruwala, Dean (Academic Programs) & Member Secretary

Following members were given leave of absence:

1.	Dr. B Ravi, External Expert
2.	Dr. G Sivakumar, External Expert
3.	Dr. D N Badodkar, External Expert

Item no. 1

The Chairman Academic Council welcomed the members. The minutes of Fifth meeting of Academic Council meeting held on June 23, 2015 were confirmed.

Item no. 2

Proposal for implementation of revised scheme of instruction and evaluation for semester V and VI for B.Tech. Program in Civil 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 Civil Engineering and course contents for semesters V and VI to be implemented from academic year 2016 -17 were presented. The following suggestions specific to Civil Engineering Program were made:

1. Inclusion of various relevant Indian Standard codes to be included as the reference material.
2. For the semester VI course on Disaster management (Non Credit Course), inclusion of 'blast / domestic fires'.
3. Lab Course of Computer applications to Civil Engineering to include applications from structural engineering.

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 Civil 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 Mechanical 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 Mechanical Engineering and course contents for semesters V and VI to be implemented from academic year 2016 -17 were presented. The following suggestions specific to Mechanical Engineering Program were made:

1. Curriculum of all the courses 'Heat Transfer' and 'Measurement and Control Systems' need to be reviewed before finalizing course contents.
2. Program Specific Outcome (PSO) number 3 needed redrafting.

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 Mechanical 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.

Item no. 4

Proposal for implementation of revised scheme of instruction and evaluation for semester V and VI of B.Tech. Program in Production 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 Production Engineering and course contents for semesters V and VI to be implemented from academic year 2016 -17 were presented. The following suggestions specific to Production Engineering Program were made:

1. Inclusion of disaster management content in the course 'Project Management' at semester VI of the program.
2. Course 'Report Writing' at semester VI may be offered by Production Engineering Department.

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 Production 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 Textile 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 Textile Technology and course contents for semesters V and VI to be implemented from academic year 2016 -17 were presented. The following suggestions specific to Textile Technology Program were made:

1. Course on Presentation and communication skills is mandatory credit course for Textile Technology program at semester V. In order to accommodate this course at semester V the necessary adjustments required may be done.

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

Item no. 6

Proposal for implementation of revised scheme of instruction and evaluation for semester V and VI of Master of Computer Application (MCA) Program 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 MCA Program and course contents for semesters V and VI to be implemented from academic year 2016 -17 were presented. The following suggestions specific to MCA Program were made:

1. Inclusion of freely available tools for Business Analytics and Business Intelligence.
2. Inclusion of Cloud Security topic in detail for course 'Cloud Computing' at semester V of the program.
3. Move the topic of "Cost Estimating and budgeting" to course 'Project Management' from course 'Software Engineering and Testing' at semester V of the program.
4. The course 'Advanced Algorithm lab' may be replaced by laboratory course teaching open source tools in software testing and other tools required by students in the industry.

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

Item no. 7**Nomination of two members each on the Boards of Studies by the Academic Council**

The names of nominees of Academic Council on different Board of Studies of the institute were discussed. The Academic Council approved the following nominees.

S No	Name of the Board	Names of Nominees
1.	Board of Studies in Mechanical Engineering	1. Dr. U. N. Gaitonde, Professor, Mechanical Engg Dept., IIT Bombay 2. Mr. T. S. Murali, Vice President Business & Technology Development, Godrej & Boyce Mfg. Co., Mumbai
2.	Board of Studies in Electrical Engineering	1. Dr. S D Varwandkar, Ex-Director, VJTI 2. Dr. Vivek Agarwal, Professor, Department of Electrical Engg, IIT Bombay
3.	Board of Studies in Textile Technology	1. Dr. S K Chattopadhyay, Head MPD, CIRCOT, Mumbai 3. Dr. Anirban Guha , Professor, Mechanical Engg. Dept. IIT Bombay
4.	Board of Studies in Electronics Engineering	1. Dr. Joseph John, Professor, Electrical Engg Dept., IIT Bombay 2. Mr. M. M. Moon. General Manager, Reliance Jio, Reliance Industries, Mumbai
5.	Board of Studies in Computer Engineering & Information Technology	1. Dr. Rushikesh Joshi, Professor, Computer Science & Engg. Dept. IIT Bombay 2. Dr. Bernard Menezes Professor, Computer Science & Engg. Dept. IIT Bombay
6.	Board of Studies in Structural Engineering	1. Dr. Tarun Kant, Professor, Civil Engg Dept., IIT Bombay 2. Dr. G R Reddy, Scientific Officer H+, BARC

The nominees of Academic Council to Board of Studies in Civil Engineering, Production Engineering and Computer Applications were differed.

Item no. 8**Any other matter with permission of Chair.**

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

1. 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. Course contents should be such that the course can be completely covered in the number of hours available per semester.
4. A workshop to educate faculty on writing appropriate Program Specific Outcomes and Course Outcomes could be arranged.

Further, Chairman, Academic Council informed that an external evaluation of all degree (UG and PG) programs would be carried out on lines similar to the exercise carried out in AY 2014-15.

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