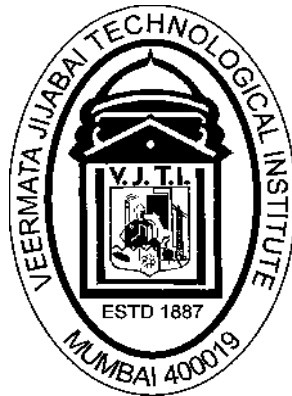


VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE  
**(VJTI)**  
MATUNGA, MUMBAI 400 019



**MINUTES OF**

Fourth Meeting of the

**Academic Council**

Held on

Tuesday, April 7, 2015 at 2.30 pm

At

DEP I Hall,

VJTI, Matunga, Mumbai 400 019

**Veermata Jijabai Technological Institute**  
**Minutes of fourth Meeting of Academic Council**  
**Tuesday, April 7, 2015 at 2.30 pm**

Fourth Meeting of Academic Council was held on Tuesday, April 7, 2015 at 2.30 pm at DEP I Hall. Following members and invitees were present:

1.	Dr. O G Kakde, Director & Chairman
2.	Dr. B Ravi, External Expert member
3.	Dr. D N Badodkar, External Expert member
4.	Dr. A V Topkar, External Expert member
5.	Dr. P U Gharpure, External Expert invitee
6.	Dr. R N Awale, Head, Electrical Engg. Dept. & Immediate Past Dean (Academics)
7.	Dr K K Sangle, Head, Structural Engg. Dept.
8.	Dr. G P Bhole, Head, Computer & IT Dept.
9.	Dr. Sanjay M G, Head, Mechanical Engg. Dept.
10.	Dr. P P Bhawe, Head, Civil Engg. Dept.
11.	Pf. L C Nene, Head MCA
12.	Pf. U. Nair, Head, Humanities Dept.
13.	Dr. S A Mastud, Head, Production Engg. Dept.
14.	Dr. Sujatha P, Head, Chemistry Dept.
15.	Pf. A L Bhongade, I/C Textile Manufactures Dept.
16.	Dr. H A Mangalvedekar, Professor, Electrical Engineering Dept.
17.	Pf. P M Chavan, Asso. Professor, Computer Engg. & Information Technology Dept.
18.	Dr. B N Narkhede, Academic Coordinator, invitee
19.	Dr. R D Daruwala, Dean (Academic Programs) & Member Secretary

Following members were given leave of absence:

1.	Dr. Shubha Pandit, Nominee of University of Mumbai
2.	Dr. S. Biswas, External Expert member

**Item no. 1**

The Chairman Academic Council welcomed the members. The minutes of third meeting of Academic Council meeting held on July 31, 2014 were confirmed.

**Item no. 2**

**Proposal for implementation of revised scheme of instruction and evaluation for semesters III to VIII of B.Tech. Program in Mechanical Engineering and course contents for semesters III and IV to be implemented from academic year 2015 -16.**

Draft scheme of instruction and evaluation for the semester III to VIII of B.Tech. Program in Mechanical Engineering and course contents for semesters III and IV to be implemented from academic year 2015 -16 were presented. During discussions the following was suggested:

1. Removal of experiment on test on concrete from Mechanics of Solids lab course.
2. Consider good author text books as followed by IITs and NITs and recent editions as reference books wherever possible for all the courses.
3. Increasing 'Electronics micro-processor and control ' related components, and dropping Synchronous machine part and making one unit on drives in course on Electric Machines.
4. Consider Reliability engineering as open elective.
5. Consider some courses common for Mechanical and Production branches by mutual discussion amongst the concerned faculty members from both the departments.

After a thorough discussion, Academic Council approved curriculum comprising of scheme of instruction and evaluation for the semester III to VIII of B.Tech. Program in Mechanical Engineering and course contents for semesters III and IV to be implemented from academic year 2015 -16, details are included as annexure II. 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 III to VIII of B.Tech. Program in Civil Engineering and course contents for semesters III and IV to be implemented from academic year 2015 -16.**

Draft scheme of instruction and evaluation for the semester III to VIII of B.Tech. Program in Civil Engineering and course contents for semesters III and IV to be implemented from academic year 2015 -16 were presented. During discussions the following was suggested:

1. Project implementation laboratory is followed by the Project in the scheme. It is observed that word project is repeated. Explore possibility to replace with something like 'Infrastructural Project Implementation lab or any other suitable title.
2. 'Geotextile' is offered as an elective, advisable to have 'Geosynthetics' in lieu of Geotextile.
3. GIS is also offered as course in the MCA curriculum, explore the possibility of sharing the content / teaching.

After a thorough discussion, Academic Council approved curriculum comprising of scheme of instruction and evaluation for the semester III to VIII of B.Tech. Program in Civil Engineering and course contents for semesters III and IV to be implemented from academic year 2015 -16, details are included as annexure III. 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 III to VIII of B.Tech. Program in Production Engineering and course contents for semesters III and IV to be implemented from academic year 2015 -16.**

Draft scheme of instruction and evaluation for the semester III to VIII of B.Tech. Program in Production Engineering and course contents for semesters III and IV to be implemented from academic year 2015 -16 were presented. During discussions the following was suggested:

1. It was suggested to keep the syllabus common for few courses which are offered by different departments. Therefore, common syllabus (for subjects like Mathematics, Mechanics of Solids) has been prepared in consultation with the Mechanical Engineering and Structural Engineering Department.
2. Syllabus for Electrical and Electronics Engineering course may be modified in consultation with the Electrical Engineering Department to exclude DC machines and include more topics in Electronics.
3. It was suggested to keep the Strength of Materials syllabus common for Production and Mechanical Engineering branches. Syllabus of this course should be identical for Production and Mechanical Engineering programs and course may be re-titled as 'Mechanics of Solids'.

After a thorough discussion, Academic Council approved curriculum comprising of scheme of instruction and evaluation for the semester III to VIII of B.Tech. Program in Production Engineering and course contents for semesters III and IV to be implemented from academic year 2015 -16, details are included as annexure IV. 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 III to VI of MCA program and course contents for semesters III and IV to be implemented from academic year 2015 -16.**

The scheme of instruction and evaluation for semester III to VI of the three year MCA program along with the detailed course contents for second year was discussed and approved by Academic Council. Scheme of instruction and evaluation and detailed course contents of semester III and Semester IV of the MCA program is included as annexure V.

During discussion on curriculum for the B.Tech. programs the following suggestions common to all nine B.Tech. programs were made:

1. The Number of Text Books need to be restricted to three only.
2. The textbooks have to be carefully chosen. Books recommended in curriculum of Institutes of National Importance like IITs and NITs need to be included, with Indian as well as foreign authors.
3. A 'Rural Technology' related course / elective may be included if possible for each of the B.Tech. programs, if not possible, atleast some courses could have topics related to Rural Technology.
4. Course Outcomes should be restricted to five (5) for all courses.

#### **Item no. 5**

#### **Mandatory declaration of all PhD Scholars and their Supervisor regarding plagiarism**

After discussion Academic Council approved to get a mandatory declaration from all PhD Scholars and their Supervisors to the effect that they solemnly state that no text in the thesis

submitted, is plagiarized from any source. Wherever material is copied from a source, due acknowledgement of the source is made in the thesis. Chairman Academic Council was authorized to make suitable declaration and implement it for all theses submitted in AY 2015 – 16 onwards.

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