Indian Institute of Technology Jodhpur

Senate

Minutes of
11th Meeting

23 January 2017 (Monday)
2:30 pm to 7:00 pm
Board Room, IIT Jodhpur
Indian Institute of Technology Jodhpur

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2:30 pm to 7:00 pm
IIT Jodhpur

The following members were present:

1. C. V. R. Murty, Director, IIT Jodhpur  
   Chairman

2. H. P. Khincha, Chairman, Karnataka State Innovation Council, Bangalore  
   (Participated through Video-Conferencing)  
   Member

3. Sanjeev Misra, Director, AIIMS, Jodhpur  
   Member

4. Ashish Garg, Professor In-charge (Faculty), and Head (Materials Engineering)  
   Member

5. Atul Kumar, Coordinator (Academics)  
   Member

6. Deepak M. Fulwani, Coordinator (Faculty)  
   Member

7. V. Narayanan, Coordinator (R&D)  
   Member

8. V. Hari Narayanan, Coordinator (Students)  
   Member

9. Sushmita Jha, Head (Biography)  
   Member

10. Rakesh Kumar Sharma, Head (Chemistry)  
    Member

11. Venkata Ramana Badarla, Head (Computer Science & Engineering)  
    Member

12. Anil K. Tiwari, Head (Electrical Engineering)  
    Member

13. Vidya Sarveswaran, Head (Humanities & Social Sciences)  
    Member

14. Kirankumar R. Hiremath, Head (Mathematics)  
    Member

15. Subhashish Banerjee, Head (Physics)  
    Member

16. Satyajit Sahu, Chairman (Library Committee)  
    Member

17. Samanwita Pal, Chairman (Wardens Committee)  
    Member

18. Kaushal A. Desai, Laboratory In-Charge (Workshop)  
    Member

19. Gaurav Bhatnagar, Chairman (Admission Committee)  
    Special Invitee

20. Pankaj Yadav (UG201313021), General Secretary (Student Gymkhana)  
    Student Observer

21. Vijay Paliwal (B14CS040), Secretary, ARM Secretary (Student Gymkhana)  
    Student Observer

The following Members could not attend the Meeting:

1. Pratap Bhanu Mehta, President, Center for Policy Research, New Delhi  
   Member

The following are the outcomes of the Senate Meeting:

Part A: Open Door Meeting

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<th>S.No.</th>
<th>Item</th>
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<td>11.1</td>
<td>Welcome by the Chairman</td>
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<td>The Chairman welcomed all Members, Special Invitee and Student Observers to the 11th Meeting of the Senate. In particular, he informed the Senate about the joining at IIT Jodhpur of Professor Ashish Garg (Professor, Department of Materials Science and Engineering, IIT Kanpur), and welcomed him as a Member to the Senate. He assumed the responsibilities of Professor In-charge (Faculty) and Head (Department of Materials Engineering). Also, the Chairman briefed the Members on the preparations underway for the new programs starting in July 2017, and the AIIMS-IITJ Joint PhD Program proposed by AIIMS, Jodhpur. Further, he briefed them on the Agenda Items of the Meeting.</td>
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11.1.1 Confirmation of Minutes of 10th Meeting of Senate held on 24 October 2016  
   The Senate confirmed the Minutes of the 10th Meeting of the Senate, as circulated.

11.1.2 Report on Action Taken  
   The Senate noted the Action Taken Report.
### 11.2 Discussion Items

#### 11.2.1 Vision of New Departments at IIT Jodhpur

After detailed discussion on the subject, the Senate admitted the broad outlines of the visions of the Departments of **Bioscience & Bioengineering**, **Materials Engineering** and **Civil Engineering**. Further, it suggested the following modifications in the Vision documents of the said Departments:

A. **On Bioscience and Bioengineering:**
   - (1) The vision of the Department of Bioscience & Bioengineering should reflect that the activities of the Department should focus on the intersection of **technology**, **medical sciences** and **life sciences**;
   - (2) Ph.D. Program should not named with any specialization;
   - (3) The Joint PhD Program with AIIMS, Jodhpur, may be pursued actively by the Institute, and the focus for the same may be aligned towards developing medical technologies.
   - (4) In the M.Tech. (Bioscience & Bioengineering) Program,
     - (i) A modular course be introduced on Biosafety, Bioethics and IPR;
     - (ii) The compulsory courses be balanced in Semesters I & II, instead of just Semester I;
     - (iii) The course on **C Programming** be dropped;
     - (iv) Possibilities may be explored to engage Faculty Members of AIIMS, Jodhpur, to teach some of the courses;
     - (v) The eligibility conditions for admission may be re-examined;
     - (vi) The number of students may be initially taken as 15, with ~8 students from engineering background and ~7 from science background.
   - (5) The Senate emphasised the need to introduce a course Instrumentation in all M.Tech. Programs of the Institute;

B. **On Materials Engineering:**
   - (1) The limit on number of students working with a Faculty Member be dropped; and
   - (2) The eligibility conditions for admission may be re-examined.

C. **On Civil Engineering:**
   - (1) The elements of education should be sensitive to aspects related to sustainability of the built environment and green concepts;
   - (2) The elective on **Municipal Bye Laws** may be replaced with one on **Development Control Regulations**; and
   - (3) The Senate emphasised the need to introduce a course on Engineering Mathematics in all M.Tech. Programs of the Institute.

#### 11.2.2 Request of DRDO, New Delhi, for admission of DRDO Scientists in M.Tech. Programs at IIT Jodhpur

The Senate approved reserving 02 supernumerary seats in each M.Tech. Program for sponsored candidates from DRDO.

### 11.3 Procedural Items

#### 11.3.1 Proposal of a new Elective Course by Department of Electrical Engineering

The Senate suggested that the proposal be revised and re-submitted after considering the following:
   - (1) Compare the proposed course with the existing course on Digital Image Processing; and
   - (2) Improve the title of the course and level at which it can be offered.

#### 11.3.2 Tuition Fee remission to eligible B. Tech. students enrolled in July 2016

The Senate admitted the proposal as proposed.

### 11.4 Reporting, Adopting and Noting Items

#### 11.4.1 Academic performance of B.Tech. students with deficiency in credits earned at the end of 2 years of registration in the Program

The Senate noted the matter. Further, it advised that the Faculty Advisors take extra care in mentoring the deficient students during the Academic Registration.

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*Ministry of Space*,

*20 April 2017*
### 11.5 Ratification Items

**11.5.1 Approvals accorded by the Chairman, Senate**

The Senate ratified the approvals accorded by the Chairman, Senate.

### 11.6 Any other item with the prior permission of the Chairman

None

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Chairman, Senate

20 April 2017