

**DHIRUBHAI AMBANI INSTITUTE OF  
INFORMATION AND COMMUNICATION TECHNOLOGY**

**MINUTES OF THE  
TWENTY EIGHTH MEETING OF THE ACADEMIC COUNCIL**

The twenty eighth meeting of the Academic Council was held on 10<sup>th</sup> June, 2016 at 10.00 a.m. at DA-ICT. The following members were present:

1. Prof R Nagaraj, Chairman
2. Prof Surendra Prasad
3. Prof Naresh Jotwani
4. Prof Sanjay Srivastava
5. Prof Anish Mathuria
6. Prof Suman Mitra
7. Shri Soman Nair, Secretary

Leave of absence was granted to Prof David Koilpillai, Shri K Narayan, Shri Suresh Rangachar, Shri Tapan Misra and Prof Binita Desai.

Dr Manik Lal Das, Convenor of the B. Tech (ICT) Curriculum Review Committee, attended the meeting as a special invitee.

The following items were discussed:

**Item No. 1**

**To confirm the minutes of the 27<sup>th</sup> meeting of the Council held on 15<sup>th</sup> January, 2016**

The Council confirmed the minutes of the twenty seventh meeting of the Council held on 15<sup>th</sup> January, 2016 as placed before the meeting.

**Item No. 2**

**To review matters arising from the minutes of 27<sup>th</sup> meeting of the Council**

The Director briefed the Council on the actions taken on the minutes of the last meeting. Referring to the deliberations of the Council on M. Sc (ICT-ARD) and M. Des (Communication Design) Programs, he stated that the restructuring of these programs will not take place from the academic year 2016-17 since the respective Review Committees are still working on their reports. He further stated that the Committees will complete their work soon and the reports will be placed before the next meeting of the Council. It was clarified that the programs in the present format will be offered to the 2016-17 batches and the restructured programs will be implemented from the academic year 2017-18 after obtaining approval of the Council and the Board of Governors.



### Item No. 3

#### To consider and approve the report of the Curriculum Review Committee for B. Tech (ICT) Program

At the invitation of the Chairman, Dr Manik Lal Das, Convenor Curriculum Review Committee for B. Tech (ICT) Program presented the Report of the Committee before the Council. Prof Das informed the Council that the Committee had extensive consultation with faculty, industry representatives, alumni and students and the report is prepared taking into consideration the input given by all the stakeholders. He reported that the Board of Studies (BoS) at its meeting held on 31<sup>st</sup> May, 2016 also examined the draft report and the recommendations as well as suggestions of the BoS have been incorporated in the report placed before the meeting.

The Council reviewed the report in detail and decided as follows

- **Exchange slots of Discrete Mathematics and Calculus courses in the first and second semester.** This is in the context of Basic Electronics course slotted in the first semester. The Calculus course is to be slotted in parallel to Basic Electronics and the Discrete Mathematics course will get positioned in the second semester.
- **Create a new category of course called *Mini-Project 0-1-4-3* or *Supervised Project* to be offered as an elective.** A student should be allowed to take maximum of two such courses, once in each semester from fifth semester onwards. Students need to have a CPI greater or equal to 7.5 to be eligible to register for such a course. The detailed procedures for Mini-Project are to be developed and recorded under free electives category. The Mini-Project credits are to be counted from free electives category.
- **Process of off-campus BTP and the role of UG Committee in approving each off-campus BTP.** This is to be articulated in the B. Tech Project (BTP) section. BTP evaluation should follow an effective evaluation process that should factor (a) supervisor assessment and evaluation committee's assessment, (b) a minimum-maximum cap on allotting the number of students per supervisor, and (c) a selection criteria for off-campus BTP. The UG Committee in consultation with Dean (Academic Programs) will devise guidelines on these factors and then advise the BTP coordinator to implement the same.
- **Graduation Requirements.** Graduation requirements section is to be tuned with clarity.
- **Redundancy of Optional electives in Semester VII and VIII.** This is to be eliminated.
- **Outcome based course content for each core course.** Highlight this in the report. The Dean (Academic Programs) will formulate a mechanism for outcome based education for the core courses. As a first step, the instructor needs to specify objectives of each component/sub-component of the course contents and assign weightage to each of them. The objectives of each course should have parity with the program outcomes/course outcomes defined broadly by NBA (National Board of Accreditation)/ABET. The faculty collectively should evolve assessment mechanism based on instructor's own assessment, students' assessment or peer's assessment. Then, Dean (Academic Programs) will examine the courses which satisfy/do not satisfy program outcomes/course outcomes and take corrective measures.



- **The course title of “Algebra” be changed to “Groups and Linear Algebra”.**
- **To review contents of the Core courses and textbook.**

The Council deliberated in detail on the program outcomes and course outcomes and stressed that the Institute should devise mechanisms to document program outcome and student learning outcome and measuring them with an objective to demonstrate to the stakeholders the program accomplishments. This involves gathering, analyzing and using information from various sources about the program and measuring the outcomes in order to improve student learning. One of the components should be to assess the student learning and experience to determine whether the students have acquired the skills, knowledge and competencies.

The Council pointed out that the program outcome and course outcome are to be treated differently. While the faculty concerned has to be responsible to evolve mechanism to measure outcome of the course he/she offers, measuring program outcome has to be the collective responsibility of the faculty members involved in conducting the program with the leadership of Dean (Academic Programs). The Council felt that the faculty should be trained to sensitize the entire process since measuring the program outcome and student learning outcome are considered essential in determining the quality of the program. The Council sought the guidance and support of Prof Surendra Prasad in designing and conducting an appropriate training program to sensitize the faculty in the processes of measuring the program and course outcomes.

The Council recommended incorporating the above comments into the report and finalizing the report. The Council approved the implementation of the revised B. Tech (ICT) curriculum from the academic year 2016-17.

#### **Item No. 4**

##### **To ratify the decision to revise the batch size of M.Sc (IT) Program from 90 to 120 students**

The Council accorded its approval to revise the batch size of M. Sc (IT) Program from 90 to 120 students with effect from the academic year 2016-17.

#### **Item No. 5**

##### **To note the NAAC Accreditation**

The Council noted with concern that the National Assessment and Accreditation Council (NAAC) has accredited DA-IICT with a letter grade of 'B' with CGPA of 2.85, i.e., 16 CGPA short of an 'A' Grade, on assessment in April, 2016. The Director informed the Council that the NAAC is expected to provide the accreditation certificate and quality profile in July, 2016 and on receipt of them, it is proposed to appeal before the Appeals Committee of NAAC against the grading. The Council approved the proposal.



**Item No. 6**

**To approve the Academic Calendar for 2016-17**

The Council approved the Academic Calendar for the academic year 2016-17 and placed the meeting.

**Item No. 7**

**To note additions to the faculty**

It was pointed out that this item was placed before the last meeting of the Council and thus the brief on the new faculty members, who have joined the Institute during 2015-16 and up to January, 2016 was noted.

The meeting ended with a vote of thanks to the Chair

*K. S. Das Gupta*

