

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

**MINUTES OF THE
THIRTYSECOND MEETING OF THE ACADEMIC COUNCIL**

The 32nd meeting of the Academic Council was held on 10th January, 2019. The following members were present:

1. Prof K.S. Dasgupta, Chairman
2. Shri Tapan Misra
3. Prof Naresh Jotwani
4. Prof Sanjay Srivastava
5. Prof Binita Desai
6. Prof Suman Mitra
7. Prof Sanjeev Gupta
8. Shri Soman Nair, Secretary

Leave of absence was granted to Prof Surendra Prasad, Prof David Koilpillai, Shri K Narayan, and Shri Suresh Rangachar.

Item No. 1

To confirm the minutes of the meeting of the Council held on 15th November, 2018

The Council approved the minutes of the meeting held on 15th November, 2018.

Item No. 2

To note the actions taken on the minutes of the meeting of the Council held on 15th November, 2018

The Council noted the report on the actions taken on the minutes as follows:

- Incorporated Prof Sanjay Srivastava's comments on the minutes of the meeting held on 19th January, 2018.
- **Reduction in credit requirements for B. Tech (ICT) and CS Programs:** The Dean recalled the suggestion made by the Academic Council to increase the number of technical electives with 4 credits to ensure that the students acquire the required credits. He also stated that one of the recommendations of the B. Tech Curriculum Review Committee is to introduce more electives with lab sessions and this may not be possible immediately since

our faculty and laboratory resources are limited. It was brought to the notice of the Council that some of the institutions have special lecture series and the students can acquire additional credits by attending them. The Council felt that such arrangements will require detailed impact analysis before adopting them. The Council suggested Dean to refer the proposal to the UG Committee and place a final proposal at the ensuing meeting of the Council.

- **Review of Electives:** The Dean briefed the Council the process through which electives are approved and included in the curriculum structure. He stated that the faculty prepare the outlines of electives, seek peer review, collect feedback from Academic Committee of SBG and then forward the final course outline to Dean (AP) and UG Committee for review and inclusion in the curriculum. The Council opined that electives being an integral part of the curriculum, there should be clarity in the process of reviewing and revamping and adopting them. The Dean informed the Council that the Director has requested Prof Sanjay Srivastava to review the electives which he would complete by this semester.
- **Partnership with IIT Jammu:** The Director reported that DA-IICT and IIT Jammu have finalised the curriculum of the M. Tech program in Computer Science (CS) to be offered jointly from the academic year 2019-20. The Director, IIT Jammu would seek approval of the Senate of IIT Jammu for the curriculum and confirm launching of the program.
- **Integrated M.Sc in Mathematics and Computing Program.** The Director informed the Council that the feedback received from the academic community on the program was positive. He stated that the Committee is seeking feedback from the industry and the plan is to launch the program from the academic year 2020-21.
- **Curriculum review of M. Des Program.** Implemented the recommendations of the M. Des curriculum revisit committee as approved by the Council and replaced the semester system with modular system.

Item No. 3

To review the Report on 2018 Admissions

The Council noted the Report on the 2018 Admissions as placed before the meeting. The Council also noted the observations and recommendations of the Admissions Committee and advised the Director to examine the significance of implementing them for admissions of 2019.

Item No. 4

To approve and recommend to the Board of Governors the award of Degrees to the students who have completed their academic requirements

The Council noted that there has been an increase in the number of Doctoral Scholars graduating for the last three years. The Council resolved to recommend to

the Governing Body to approve award of Degrees to 464 students belonging to all teaching programs who have successfully completed their studies during the academic year 2017-18 at the Convocation to be held on 12th January, 2019. The Council also resolved to recommend to the Board of Governors to approve award of President's Gold Medals to the following students:

Sr No	Student Id	Student Name	CPI	Program
1	201401008	Akshat Dua	9.33	B Tech (ICT)
2	20401114	Damle Omkar Vishwesh	9.63	B. Tech (Honours) in ICT with minor in Computational Science
3	201611007	Lokesh Kumar	9.47	M Tech (ICT)
4	201611027	Tapkir Prasad Anil	9.47	M Tech (ICT)
5	201612009	Ashwani Tanwar	9.53	M Sc (IT)
6	201614006	Shah Shailaja Shalinbhai	8.39	M Des (CD)

Item No. 5

To note addition to faculty

The Council noted that Dr Vinjay Palpathy has joined the Institute as Assistant Professor on contract basis for two years from 4th December, 2018. He has a PhD in Engineering from Indian Institute of Technology Bombay and his research interests are Micro/Nano-sensors, Micro-Electro-Mechanical Systems and System Design.

The following additional items were discussed with the permission of the Chairman:

Item No. 6(a)

To consider the proposal to offer joint M. Tech Programme in ECE with Specialization In Wireless Communication And Embedded Systems

The Director informed the Council that DA-IICT and C. R. Rao Advanced Institute of Mathematics Statistics and Computer Science (CR Rao AIMSCS), Hyderabad have entered into an MoU on 5th March, 2018 for academic exchange and co-operation in teaching and research. CR Rao AIMSCS is an institute actively involved in research and training in the areas of Information Security, Cryptography and Cryptanalysis etc., and is also offering an M. Tech Program in Information Security for which the Degree is awarded by the University of Hyderabad. As part of the MoU, CR Rao AIMSCS and DA-IICT have agreed to offer a joint M. Tech program in Electronics and Communication Engineering with specialization in Wireless Communication and Embedded systems from the academic year 2019-20; a four semester duration program with an initial intake of 18 students nationally and 5 sponsored students. The Director summarized the features of the program as follows:

- The Program is being designed by DA-IICT faculty in consultation with the faculty of CR Ro AIMSCS. The design of the program will be finalized by the end of March, 2019.
- The students will be on the rolls of DA-IICT. The Degree will be awarded by DA-IICT.
- The students will spend first and second semesters at DA-IICT campus attending core and elective courses.
- The third and fourth semester focuses on research and the students based on their research interest, will opt either DA-IICT or CR Rao AIMSCS to work for their thesis.
- The course structure will contain courses having more focus on Wireless Communication and Embedded Systems like Digital Communication System, Space Time Wireless Systems, VLSI and FPGA Design, Cognitive and Software Defined Radio, Side Channel Analysis, Internet of Things, etc. The next generation wireless technologies like 5G, IOTs and Wi-Fi6 all hold great promise for the future world which are structured on the blend of Wireless Communication and Embedded systems.
- The students will be eligible for fellowship/TAship. The fellowship/TAship for the first and second semesters will be paid by DA-IICT. The next two semesters will be paid by CR Rao AMSCS.

Item No.(b)

To approve the Academic Calendar for 2019-20

The Council approved the Academic Calendar for the academic year 2019-20 as placed before the meeting.

Item No.(c)

To approve the evaluation scheme applicable to the M.Tech (CS) Programme offered jointly with IIT Jammu

The Academic Council approved the evaluation of students of M. Tech (CS) Program with specialization in Data Sciences (DS) and Information Security (IS) offered jointly with IIT Jammu as follows:

The evaluation scheme of IIT Jammu will be followed in the proposed program with two minor in-semester examinations and one major written end-semester examination in every semester, along with some weightage for the continuous evaluation in the form of class quizzes, surprise test and other components. The weightage of these evaluations shall be as per the direction of the Course Coordinator, but announced in the first class or prior to beginning of the classes.

The meeting ended with a vote of thanks to the Chair.

