



# JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

(Established by H.P. State Legislature vide Act No. 14 of 2002)  
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## MINUTES OF THE ACADEMIC COUNCIL MEETING – 02 DEC 2017

Academic Council meeting was held on 02 December 2017 at 10.30 am in the Board Room, JUIT Wagnaghat. The following were present:

### Chairman

Prof. Vinod Kumar, Vice Chancellor, JUIT Wagnaghat

### Head Of Other Institutions of the Trust

Prof. S.C. Saxena, Vice Chancellor, JIIT Noida

### Industry Professional

Sh. Vinod Sharma

### Deans

Prof. Samir Dev Gupta

### HoDs

Prof. S.V. Bhooshan                      Dept. of ECE

Prof. S.P. Ghrera                         Dept of CSE

Prof. Ashok Kumar Gupta             Dept of CE

Dr. Sudhir Kumar                        Dept of BT/BI

Prof. Karanjeet Singh                 Dept of Maths

Prof. P.B. Barman                        Dept of PMS

Dr. Anupriya Kaur                      Dept of HSS

### Professors

Prof. Sunil Kumar Khah                Dept of PMS & COE

### Non-Member Secretary

Maj Gen Rakesh Bassi, SM (Retd)    Registrar and Dean of Students

### Leave of Absence

Leave of absence was granted to the following members by the Chairman Academic Council:

1. Sh. Sunil Sharma
2. Prof. Manoj Kumar Arora
3. Prof. Padam Kumar
4. Prof. Veeresh S. Gali

The Chairman welcomed all the members who were present for the meeting. Chairman welcomed Maj Gen Rakesh Bassi (Retd) Registrar and Dean of Students who has taken over as the new Non Member Secretary wef 01 August 2017. He further appreciated and thanked the contribution made by Brig KK Marwah (Retd), predecessor of current Non Member Secretary of the Academic Council for his contributions. The meeting thereafter deliberated on agenda items as had been approved by the Chairman.

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**Item No. 1 Confirmation of Minutes of Last Meeting of the Academic Council held on 19 December 2016**

Confirmed

**Item No. 2 Action Taken Report**

Prof. S.C. Saxena appreciated and put on record the excellent work done by the Vice Chancellor, JUIT and his team for timely action taken on decisions arrived at the last Academic Council Meeting held on 19 December 2016.

**Item No. 3 Academic Documents Authentication and Inclusion**

The proposal was accepted with following suggestions by Prof. S.C. Saxena:-

- a) The final transcript of a student should include the year of admission and the year of passing of degree as is being done in JIIT Noida.
- b) Degrees in a year should be awarded to the eligible candidates if they fulfill the requirements for the award of degree up to 30 September of the current academic year and all other candidates degree should be awarded in the next academic year.

The Item was approved.

**Item No. 4 Revision in Eligibility Conditions for Faculty Promotion**

It was deliberated that faculty contribution in their respective Departmental activities with due recommendations of the HoD to find adequate weightage for promotion. This will be over and above to the existing minimum eligibility criteria specified for career progression.

The Item was approved.

**Item No. 5 Admission in Different Programs of the University during Academic Session 2018-19 for Approval of the Academic Council**

Prof. S.C. Saxena stated that increase in the number of seats for B Tech CSE from 180 to 240 and also in B Tech (IT) from 30 to 60 as proposed in the agenda item was a step in the right direction keeping the national trend of students aspiring to join the IT Sector into account. Total number of seats approved were 570, which also includes reduction in number of seats in the Department of ECE from 120 to 90. Other braches viz. BT, BI & CE to maintain the number of seats as it exists.

The Item was approved.

**Item No. 6 Provision of Lateral Entry in 3<sup>rd</sup> Semester for filling the vacant seats in the respective departments for the B.Tech programs in BI, BT, CE, CSE, ECE & IT in the Academic Session 2018-19**

The Chairman explained the proposal of Lateral Entry for the existing B.Tech program. It was proposed primarily to ensure that a class strength be

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maintained at approved strength for all the four years. Keeping in mind the existing financial liability, it would also compensate for loss of revenue, which otherwise would continue to be the same up to the 4<sup>th</sup> year completion of the batch for all vacant seats.

During the discussion for eligibility criteria for lateral entry, Prof. S.K. Khah suggested that for Diploma holders who have completed diploma after 10<sup>th</sup> class, be permitted to submit Class 10<sup>th</sup> original mark sheet whilst for B.Tech Lateral Entries, 10+2 original marks sheet for verification would be mandatory, as proposed. The point was agreed to.

The Item was approved along with above suggestion.

### **Item No. 7 Fee Structure for Ph.D. Scholars on Submission of Thesis**

As recommended was approved.

### **Item No. 8 Modification in Guidelines for Payment of Fellowships to Full Time Ph.D. Scholars**

As recommended was approved.

### **Item No. 9 Revision of B.Tech Course Curricula**

After discussions, Prof. S.C. Saxena stated that for engineering students, in most of the IITs and other premier Institutes range of total credits is between 150 to 160 and additional 20 credits ex-MOOCs. The trend in higher education is to focus on making the students as self learners with teachers acting as facilitators. Towards this end, the contact hours of student with teacher are to be reduced. Student should be encouraged to be more innovative and creative. The teachers should be approachable for students to come up to them and interact with them, thus ensuring that a teacher instead of being a controller is a facilitator. Prof. S.C. Saxena also highlighted the need for innovative approaches to be encouraged and to avoid casting the students in a defined mould only.

As regards CSE, he stressed on the need for enhancing the programming skills of students. He stated that as per the statistics of placements, it is quite evident that students with higher programming skills are getting better placement packages. Therefore, there is a need to motivate students to opt for programming skills and weightage of such subjects should be increased.

As a concept for B.Tech, he mentioned that the basic core structure of each department should be fixed and the department should then decide what is required to be taught. This should be commensurate and in consonance with the current trend in vogue. As regards 1<sup>st</sup> year students, the UGC guidelines state that they should be exposed to three programmes during Orientation. These programs should include physical activities, creative arts, local visits etc. The details of these programs are available on the UGC/AICTE websites.

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As regards weightage of various programs as 176 credits course listed in the Table in Item No. 9 of the Agenda, Prof SC Saxena suggested the range of credits be amended and the revise B Tech course structure with 165 Credits should be as per **Appendix-A** attached.

The Revised Structure was approved.

### **Item No. 10 B. Tech Structure for Admission of 2017-18**

Discussion took place for Department of Humanities & Social Sciences based on point projected by HOD, HSS regarding electives. Prof. S.C. Saxena suggested introduction of certain value added courses which are non credit, but must be made compulsory. These could be value added course on subjects like Ethics and Foreign Languages such as German, French etc . Further as per the recommendations of Regulatory bodies during their expert committee visits to the University, it was recommended to include CBCS system in existing B Tech Structure. Therefore, B Tech Structure for admission in 2017 – 18 has been revised to include CBCS system as given in **Appendices B to F** attached.

The Item was approved.

### **Item No. 11 Modification/New Course/New Electives for B.Tech 2017-18**

As recommended was approved.

### **Item No. 12 Introduction to MOOCS Courses**

As recommended was approved.

### **Item No. 13 Introduction of New M.Sc. Programs and Revision in M.Tech Structures**

As per UGC guidelines and NAAC Team visit, there is a need to introduce post graduate programs in disciplines in which PhD are being conducted. Accordingly Departments have proposed some new programs at post graduate level. Further, Departments have also proposed modifications in the existing M.Tech Program structures.

The Dept. of PMS has proposed a new two- year program, M Sc. in Physics from July 2018 with 75 credits. The program will focus on the basics and application of physical sciences, specially Nanotechnology, Materials Science, Electronics etc. The program stresses on interdisciplinary fields like modeling, simulation and extensive laboratory and Project work. The courses will prepare students for research and career in an industrial or national research laboratory environment. The course designed provides a platform for the research in cutting edge technology and it covers all the aspects of national examination of repute like GATE, NET.

The Dept. of Mathematics has proposed to start a new two-year M.Sc.

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Program in Mathematics from July 2018 (75 credits). This program blends relevant mathematics covering theoretical, computational and practical aspects. The core mathematics courses are aimed at building a strong foundation in the subject. In addition to the usual course work it also involves pursuing one-year project work during the second year. The program allows opting courses from a variety of electives together with the compulsory ones. The performance of students in each semester shall be continuously assessed through regular quizzes, class tests etc. besides usual three university examinations in a semester.

The Dept. of BT/BI has proposed to start a new two-year M.Sc. Program in Biotechnology & Bioinformatics from July 2018 (86 credits).

The Dept of CSE proposed to introduce a two year M Tech in Computer Science Engineering (Information Security) in addition to the ongoing M.Tech in CSE program.

After discussions it was agreed that the 86 Credits new M.Sc. Course proposed by the Department of BT & BI should be modified to 75 Credits as proposed by the Department of Physics & Materials Science and Dept. of Maths for new M.Sc. programs since these were as per the norms.

It was also deliberated that the introduction of new M.Sc. Programs should be effected only after approval from the Chairman, Governing Council.

The Item was approved by the Academic Council.

### **Item No. 14 Inclusion of Award of a Degree with Honours**

Approved wef the 2014 – 18 batch onwards.

### **Item No. 15 For Fast Learners, Provision for registering for extra credits during 3<sup>rd</sup> year in order to have lesser academic load in the 4<sup>th</sup> year to take up coaching for GRE, CAT, MAT & GATE exams.**

As recommended was approved.

### **Item No. 16 Evaluation System for Supplementary Examination from 2017 Odd Semester onwards**

As recommended was approved.

### **Item No. 17 Minutes of the Meeting of BOS of Various Departments for Approval**

As recommended was approved.

### **Item No. 18 Proposal for Framing Regulations and Ordinances for JUIT**

**The following amendments were suggested**

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- a. The agenda item at serial 18 (a) to be amended to read Jaypee University of Information Technology has a booklet comprising (i) Academic System **(All Programs) in lieu of Academic System (B Tech)**.
- b. The agenda item at serial 18 (b) of Agenda mentions Jaypee University of Information Technology has a **Rule Book**. This was discussed and decision was arrived to rename the document as **Service Regulations**. Shri Vinod Sharma sought clarification that if the Rule Book was any different from those in other Jaypee Group establishments. Prof SC Saxena explained why the Regulations of Academic Institutions are to be different than Project sites because of the peculiarities involved.
- c. It was approved that the Academic System can have one book called **Ordinances and Regulations as at Appendix-G** whereas the second book will cover the **Service Regulations** which have already been approved in the Governing Council Meeting of 23 November 2014.

The Item with above modifications was approved

### **Item No 19 Reporting Items**

**No comments**

### **Item No 20 Any Other Item with the Permission of the Chair**

1. The proposal of HOD PMS for appointing Prof(Dr) Sukumar Basu as Emeritus /Honorary Professor of PMS was discussed and it was decided that the Professor be appointed as Professor Emeritus with well defined terms and conditions.
2. The Chairman put forth the need for Inter Department Research Collaboration requirement as pointed out by NAAC also. He proposed for four Centres of Excellence to be established as follows:-
  - (a) Centre of Excellence in Structural Engineering
  - (b) Centre of Excellence in Internet of Things(IOT)
  - (c) Centre of Excellence in Healthcare Technologies and Informatics.
  - (d) Centre of Excellence in Sustainable Technologies for Rural Development (Smart Villages)

Prof Saxena advised that JUIT should concentrate on those disciplines which are more focussed and relevant to HP State as this will improve the image and visibility of JUIT in the region. Shri Vinod Sharma mentioned that he can use his good offices at Shimla to get these projects presented to the HP Govt. so that they find a favorable response from them if they are correctly sensitized on the feasibility of these projects.

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The proposals of the Item were approved

**There being no other points the meeting concluded at 12.45 pm with a  
Vote of Thanks by the Chairman to all Academic Council Members.**



**Maj Gen Rakesh Bassi. SM (Retd)  
Registrar & Non-Member Secretary**

Confirmed



**Prof Vinod Kumar  
Vice Chancellor & Chairman**