MINUTES OF THE ACADEMIC COUNCIL MEETING HELD ON 05 SEPTEMBER, 2019

General

Academic Council meeting was held on 05 September, 2019 at 11.00 a.m. in the Board Room, Jaypee University of Information Technology, Waknaghat. The Chairman, Academic Council extended warm welcome to all the members present in the meeting and expressed thanks to Prof. S. C. Saxena for his presence.

Attendance

The following members were present:-

Chairman

Prof. Vinod Kumar	Vice Chancellor, JUIT, Waknaghat

Head of the Other Institution of the Trust

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

The Deans of all Faculty of the University

Prof. Samir Dev Gupta	Director, JUIT

Heads of the Departments / Centres of the University

Prof. M. J. Nigam	Head of Deptt. of ECE
Prof. S. P. Ghrera	Head of Deptt. of CSE&IT
Dr. Sudhir Kumar	Head of Deptt. of BT&BI
Prof. Karanjeet Singh	Head of Deptt. of Mathematics
Prof. P. B. Barman	Head of Deptt. of PMS
Dr. Anupriya Kaur	Associate Professor and Head of Deptt. of HSS

Professors other than Heads of Departments

Prof. Sunil Kumar Khah	Deptt. of PMS
Prof. Ashish Kumar	Deptt. of CE

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:-

Sh. Sunil Sharma	Industry Professional nominated by the Pro-Chancellor
Sh. Vinod Sharma	Industry Professional nominated by the Pro-Chancellor
Prof. Manoj Arora	Vice Chancellor, BML Munjal University, Gurgaon
Prof. A. K. Gupta	Head of Deptt.of CE

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Agenda Items

Item No. 1 **Confirmation of Minutes of last meeting of the Academic Council held on 25 October 2018.**

Minutes of the meeting of the last ACM dated 25th October 2018 were forwarded to the members and no comments were received. The minutes of the last ACM confirmed.

Item No. 2 **Action Taken Report**

Detailed deliberations were made on the Action Taken Report of the last ACM. The action taken on the items resolved in the last ACM were noted by the members.

Chairman informed the members about increase in number of admissions under lateral entry this year due to introduction of 20% additional supernumerary seats under lateral entry for candidates qualified with 3 years Diploma course. He mentioned that students who have not undergone the mandatory courses in their erstwhile Institute for B. Tech First year are being offered such mandatory courses during their B. Tech Second year in addition to their scheduled B. Tech second year curriculum.

Prof. S C Saxena noted the attributes of the New on-line 'Feedback Form' developed for getting the end semester feedback from the students and suggested for developing Google Feedback Form so as to enable the students to submit their feedback on-line through Web.

Item No. 3 **Mapping of Grades of University of Florida at Gainsville, USA with JUIT grading system.**

Members were informed that under student exchange program, University is having MoU with University of Florida at Gainsville, USA. Students selected to undergo their final semester courses at University of Florida at Gainsville are being awarded grades as per their grading system on a 5 point grading scale, which is different with that of 10 point grading system being followed at JUIT. After detailed deliberation, the following proposed equivalence of grades of University of Florida at Gainsville, USA with JUIT grading system were approved by the Council:-

University of Florida and Equivalent Grades at JUIT		
University of Florida Grades		
Passing Grade	Grade Points	JUIT Equivalent Grade
A	4	A+
A-	3.67	A+
B+	3.33	A
B	3	A
B-	2.67	B+
C+	2.33	B+
C	2	B

C-	1.67	C+
D+	1.33	C+
D	1	C
D-	0.67	D
S	0	F

Item No. 4 **Registration Fee for Summer Semester / left over credits taken beyond 8th Semester of study (upto maximum 12 Credits) in B Tech Programme.**

The issue of revision of registration fee for Summer Semester and fee for left over credits taken beyond 8th Semester (upto maximum 12 credits) for B Tech students was brought to the notice of the members of the Council. Members agreed to the proposed revised fee for summer semester and fee for left over credits taken beyond 8th semester (upto maximum 12 credits) and approved the fee as under, applicable w.e.f. Academic Session 2019-20:-

Type of Registration	Fee per Project / Theory Course	Fee per Lab Course
Fee for Registration to Summer Semester	Rs. 10000/-	Rs. 7000/-
Fee for Registration of left over credits beyond 8th semester (upto 12 credits)	Rs. 10000/-	Rs. 7000/-
Fee for Registration of left over credits beyond 8th semester (more than 12 credits)	Full Semester Tuition Fee as applicable to their batch of students	

Item No. 5 **Amendment in conditions for subjects / courses to be offered for the Summer Semester.**

Amendment in conditions for subjects / courses to be offered for the Summer Semester 2020 onwards were deliberated, and after deliberation, the following were resolved for implementation w.e.f. Academic Session 2019-20:-

- The minimum required registration strength of students for subjects / courses for the Summer Semester for common and allied discipline as well as for core discipline will be 10.
- Courses on one to one basis will be allowed for registration in regular odd and even semesters only, and to those students who are left with one / two courses to complete their degree requirements.

Item No. 6 **Students failed in Summer Semester Course(s) are not eligible for Supplementary Examination.**

- The ACM decided that the students undertaken Summer Semester, and in the event of their failure in a Course(s) can only be allowed to register during the regular semester as and when that Course(s) is available. Such students are not eligible for Supplementary Examination.

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Item No. 7   **Ph.D Examination Fee.**

The Chairman informed the members about the expenses involved in evaluation of Ph.D Thesis by both the Foreign & Indian Examiners. Further, expenses towards conduct of Viva Voce including expenses towards Lodging, Boarding & travel are large. AICTE has also made provision towards charging of Ph.D Thesis Examination Fee from the Ph.D Scholars for meeting such expenses.

The ACM approved the implementation of Ph.D Examination Fee of Rs. 25000/- with effect from 01 January, 2020. This fee is to be deposited at the time of submission of the Ph.D Thesis.

Item No. 8   **Course Credits Requirement for award of Integrated Degree.**

Course Credits requirement for award of Integrated M. Tech Degree in Biotechnology was considered. After detailed deliberations, following credits were approved for completing the award of Integrated M. Tech degree in Biotechnology:-

- Integrated M. Tech in Biotechnology for 2014-19 admission batch – 255 Credits
- Integrated M. Tech in Biotechnology for 2016-21 admission batch (195 + 76) – 271 Credits
- Integrated M. Tech programme discontinued w.e.f. Academic Session 2016 onwards.

Item No. 9   **Amendment in conditions for Improvement of Grades.**

The item proposed for amendment in conditions for improvement of grades was considered and after deliberations, following amendment in conditions for improvement of grades were approved:-

- Grade improvement be allowed only for the Theory subject(s) during the regular semester provided the subject is on offer and there is no clash in time table.
- The credit registration limit for the purpose of improvement of grade shall be the normal credit limit as in the case of a regular student in a regular semester.
- Grade improvement is only allowed, if CGPA is less than 6.
- Additional Fee of Rs. 10000/- per subject for improvement of grade is to be charged.
- In case grade in the subject taken for improvement improves, the grade obtained after improvement will replace the earlier obtained grade.
- If student secures 'F' grade after the improvement, the minimum grade after grade improvement will be 'D', (Keeping in view that the student has already passed this subject earlier).

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Item No. 10   **Inclusion of term "Honours" in Provisional Degree Certificate and Transcript for Bachelor of Technology Programme.**

The item as proposed was unanimously agreed upon and approved. The format of Provisional Degree Certificate and Transcript with honours as given in Annexure – 6 was also approved.

Item No. 11   **To consider and approve the amendments in the sections related to appraisals, assessments and evaluation in the Ph.D Ordinance.**

Item related to amendment in the publication norms under appraisals, assessments and evaluation for Ph.D were placed for consideration of the ACM. After detailed deliberations, the ACM approved the following:-

i) In addition to the other provisions mentioned in the Regulations and Ordinances for submission of the Ph.D Thesis, a Ph.D Scholar must have published atleast four research papers from the thesis work, out of which, three must be in SCI/SCOPUS/SCIE/ Webs of Science indexed journals.

This amendment will be effective for the Ph.D research scholars to be admitted w.e.f. January, 2020 and onward.

ii) In Ph.D Thesis, the work published in research papers having authorship of the Ph.D scholar and his/her supervisor(s) will only be included in the Ph.D thesis. The amendment will be effective from September 2019.

Item No. 12   **Introduction of MOOCs against the Core Courses for students not able to complete the course requirement within 04 years against one / two left over courses.**

The proposed item was deliberated, but members could not reach to a conclusion. The Council agreed to drop the item and continue with the existing regulations of offering MOOCs against the Elective Courses only.

Item No. 13   **Approval of the Meeting of Board of Studies (BoS) of various Departments.**

Academic Council considered the Minutes of Board of Studies (BoS) of various departments and noted the same.

Prof. S C Saxena suggested to the members present in the meeting that Minutes of the BoS should specifically mention new / addition / modification / augmentation in the proposed course / syllabus, if proposed by the BoS of the department.

Item No. 14   **Approval for New Course Structure and detailed syllabus.**

The Academic Council considered and approved the following items:-

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14.1   **Computer Science & Engg. and Information Technology Department**

14.1.1
i)   Detailed course structure of Minor in Computer Science & Engineering / Information Technology (**Annexure – 12**).
ii)   10 Proficiency programmes (**Annexure – 12**).

14.1.2   Courses of the Open Electives II & III for 7th Semester and Open Electives IV & V for 8th Semester (**Annexure – 13**).

14.2   **Electronics and Communication Engineering Department**

14.2.1
i)   Detailed course structure of Minor in Electronics and Communication Engineering (**Annexure – 14**).
ii)   06 Proficiency programmes (**Annexure – 14**).

14.2.2   Detailed syllabi of five New Professional Electives for 5th / 6th Semester (**Annexure – 15**).

Detailed syllabus of Applied Artificial Intelligence and Neural Networks be sent to Prof. S C Saxena for analysing the contents of the courses.

14.2.3   New syllabus for Ph.D Course – Reconfigurable Computing for 2019-20 admitted batch (**Annexure – 16**).
Prof. S C Saxena suggested that the above course be included in the P.G. Programme and be offered to the Ph.D Scholars also.

14.3   **Civil Engineering Department**

14.3.1
i)   Detailed course structure of Minor in Civil Engineering (**Annexure – 17**).
ii)   06 Proficiency programmes (**Annexure – 17**). Nomenclature of Proficiency in Water Management be changed appropriately as per the contents of the courses offered under the proficiency.

14.4   **Biotechnology and Bioinformatics Department**

14.4.1
i)   Detailed course structure of Minor in Biotechnology and Minor in Bioinformatics (**Annexure – 18**).
ii)   02 – 02 each Proficiency programmes of Biotechnology and Bioinformatics (**Annexure – 18**).

14.4.2
i)   Course Structure and detailed syllabus of M. Sc. Biotechnology (**Annexure – 19**).
ii)   Course Structure and detailed syllabus of M.Sc. Bioinformatics (**Annexure – 20**).

14.4.3
i)   Detailed syllabus of the Professional Elective – IV (**Annexure – 21**).
ii)   Professional Elective – VI for 2018 batch onwards for B. Tech Biotechnology and B. Tech Bioinformatics (**Annexure – 21**).

14.5   **Physics and Materials Science Department**

14.5.1   Detailed syllabus of Compulsory Science Electives for 5th Semester for B. Tech CSE, IT and ECE students under New 160 Credit Scheme **(Annexure – 22).**

14.5.2   Detailed syllabus of New Open Electives for 7th and 8th Semester for B. Tech students **(Annexure – 23).**

Item No. 15   **Modification in Existing Course Structure / Detailed Syllabus / Admission Criteria**

The Academic Council considered and approved the following items:-

15.1   **Computer Science & Engg. and Information Technology Department**

15.1.1   Change in Elective Courses for B. Tech Information Technology for 7th and 8th Semester under New 160 Credit Scheme **(Annexure – 24).**

15.2   **Electronics & Communication Engineering Department**

15.2.1   Change in Course Title / Nomenclature of 11 Courses of B. Tech Electronics & Communication Engineering under New 160 Credit Scheme **(Annexure – 25).**

15.3   **Civil Engineering Department**

15.3.1   Change in admission criteria for M. Tech Environmental Engineering.

Department has proposed change in the eligibility criteria for admission to M. Tech. (Environmental Engineering). As of now B. Tech. (Civil Engineering) is only considered for admission to M. Tech. (Environmental Engineering). Department has proposed additional inclusion of B. Tech. (Chemical Engineering) / B. Tech. (Environmental Engineering) for admission in M. Tech. (Environmental Engineering). Prof. S C Saxena suggested that future prospects of the students may also be analyzed, so that they may not face any difficulty in future in getting job having such a combination of their degrees.

15.4   **Biotechnology & Bioinformatics Department**

15.4.1   Minor change in Course Nomenclature and Syllabus of M. Tech Biotechnology **(Annexure – 26).**

Research Methodology (13M11BT115) be changed to Research Methodology and Ethics (18M11BT113) and IPR Biosafety and Bioethics (13M11BT113) be changed to Patenting in Biotechnology (18M11BT114).

15.5   **Physics and Materials Science Department**

15.5.1   Change in nomenclature and code of old scheme Course Biophysical Techniques (10B11PH212) to Course Bioinstrumentation Techniques (18B11PH212) under New 160 Credit Scheme **(Annexure – 27).**

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Item No. 16   **Reporting Items**

Reporting items as mentioned at Agenda item 16.2 to 16.4 and 16.6 & 16.7 were considered and noted by the Academic Council.

Under reporting item 16.1, Prof. S C Saxena suggested that instead of having one DPMC Seminar at DRDO Lab Chandigarh for the Ph.D Scholars of DRDO, they may be facilitated to have Seminar on Web based facility. It will avoid travel of number of DPMC members to DRDO Chandigarh from JUIT, Waknaghat.

Under reporting item 16.5, Prof. S C Saxena suggested amendment in the conditions for allowing M. Tech Fellowship as under:-

<u>For GATE Qualified Candidates</u>: Initially fellowship be provided for one year. Continuation of fellowship to second year be subject to acquiring CGPA ≥ 7.5.

<u>For Non GATE Qualified Candidates</u>: Fellowship be provided during second year subject to acquiring CGPA≥ 8 in M. Tech First year.

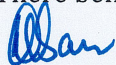Fellowship be continued for whole second year.

Item No. 17   **Any other Item with the permission of the Chair.**

Prof. S C Saxena suggested for formalizing the Counselling Schedule for the admissions for the Academic Year - 2020-21. Cut Off dates for receiving applications vis a vis Counselling Schedule be notified well in advance in the admission brochure itself.

Proforma for offering Departmental Minor and Proficiencies be developed. Students be informed of the same during the Induction programme. Proficiency Coordinators be appointed from each department and proficiency coordinators must inform the students about the proficiencies on offer in their respective departments.
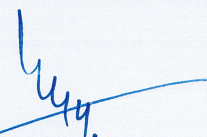
Prof. S C Saxena stressed the importance of the New Education Policy of the Government and requested the members to go through the Education Policy document especially for Higher and Technical Education.

There being no other points, meeting ended with a vote of thanks to the Chair.

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

Approved

(Prof. Vinod Kumar)
Vice – Chancellor
Chairman