

MINUTES OF THE ACADEMIC COUNCIL MEETING OF JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY, HELD AT 11.00 AM ON 28 JANUARY 2020 AT JIIT, NOIDA

Following were present:

1. The Vice Chancellor - Chairperson

Prof. S.C. Saxena

2. Director(s) / Dean(s) of Faculties

- (i) Prof. Hari Om Gupta, Director Sector 128
- (ii) Prof. Renu Luthra, Vice-Provost
- (iii) Prof D K Rai, Dean (A&R)
- (iv) Prof. Alka Sharma, Dean (HSS)

3. Head of the Departments

- (i) Prof. S C Katyal
- (ii) Prof. Alka Tripathi
- (iii) Prof. Shweta Srivastava
- (iv) Prof Vikas Saxena
- (v) Prof. Pammi Gauba

4. All Professors other than the Heads of Departments

S.No	Employee Name	Dept	S.No	Employee Name	Dept
i	Prof. Indira P Sarethy	Biotech	xii	Prof. S.K. Biswas	JBS
ii	Prof. Neeraj Wadhwa	Biotech	xiii	Prof. R.C. Mittal	Maths
iii	Prof. Reema Gabrani	Biotech	xiv	Prof. A.K. Aggarwal	Maths
iv	Prof. S. Krishna Sundari	Biotech	xv	Prof. B.P. Chamola	Maths
v	Prof. Sudha Srivastava	Biotech	xvi	Prof. Sanjeev Sharma	Maths
vi	Prof. Sujata Mohanty	Biotech	xvii	Prof. Anirban Pathak	PMSE
vii	Prof. Vibha Rani	Biotech	xviii	Prof. N.K. Sharma	PMSE
viii	Prof. Krishna Asawa	CSE/IT	xix	Prof. R.K Dwivedi	PMSE
ix	Prof. R.B. Mishra	CSE/IT	xx	Prof. S.P. Purohit	PMSE
x	Prof. Govinda Gopal Mitra	JBS			
xi	Prof. R.K. Misra	JBS			

5. Two Associate Professors from the Departments other than the Heads of the Departments by rotation of seniority

- (i) Dr. Ashish Goel
- (ii) Dr. Tribhuvan Tewari

6. Two Assistant Professors from the Departments by rotation of seniority

- (i) Dr. Shriram Purankar
- (ii) Dr. Badri Bajaj

7. Three persons from amongst educationists of repute or persons from any other field related to the activities of the Institution deemed to be University who are not in the service of the Institution deemed to be University, nominated by the Vice-Chancellor

- (i) Prof. Manoj Mishra, IIT Roorkee.
- (ii) Sh. Subhash Verma, Managing Director & Vice President Engineering, Agnity
- (iii) Prof. Brahmjeet Singh, NIT, Kurukshetra
- (iv) Sh. Ranjit Sinha, Director Campus Program, Ericsson India Global

8. **Three persons who are not members of the teaching staff, co-opted by the Academic Council for their specialized knowledge**
- (i) Brig Sanjay Dawar (Retd) – Head Placements & Dean Students Welfare
 - (ii) Sh. Ashish Banerjee - CFO
9. **The Registrar, who shall be the Secretary of the Academic Council (Ex-officio)**
Col Sharad Rastogi (Retd)
10. **Special Invitee**
Mr. Mihir Kumar Jha

ITEM 1: WELCOME AND OPENING REMARKS BY THE CHAIRMAN

The Chairman welcomed all the members of the Academic Council. He further extended a warm welcome to those new members who were attending the meeting for the first time.

The Chairman stated that JIIT is a flagship institute of higher learning of the Jaypee Higher Education System. He emphasized the need for dedicated efforts from the faculty members, staff and students to ensure continued improvement in the performance in academics and research.

He highlighted the need to focus on quality research and make use of the available capacity and facilities in the Institute. He also informed the members that the JIIT is preparing to apply to NAAC for the second cycle of assessment and accreditation in the month of May 2020.

JIIT has also implemented the outcome based education (OBE) in its Academic System since the last three semesters. This is needed to apply for NBA accreditation and also to monitor and keep quality of its education under control.

ITEM 2: LEAVE OF ABSENCE

Leave of absence was granted to the following:

- (i) Prof. Rajiv Saxena (Adjunct Professor)
- (ii) Prof. G.K. Aggarwal

ITEM 3: MINUTES OF THE LAST MEETING OF THE ACADEMIC COUNCIL AND REVIEW OF THE ACTION TAKEN REPORT

- 1. The Council considered and approved the Minutes of the last Academic Council Meeting held on 23 November 2019.
- 2. It also reviewed the Action Taken Report and approved the same.

ITEM 4: NEW SPECIALIZATION AT M.TECH AND M.SC LEVEL PROGRAMMES FROM ACADEMIC SESSION 2020-21

1. The chairman informed that the industry now requires specialized manpower in new emerging areas of technology. He informed that JIIT always remains aware about this fact and introduces new technological upgradations and changes in concerned specialization courses. Some departments have now suggested new programmes, new specializations, specializations dropped, programmes dropped, and renaming of some specializations in their PG programme. These will be effective w.e.f the Academic Year 2020-21:

A. New Programmes.

a) M.Sc in Quantitative Economics

An inter-disciplinary programme involving CSE/ IT, Mathematics and HSS Depts and to be coordinated by the HSS Dept.

b) M.Sc in Environmental Biotechnology

Biotechnology Dept.

B. New Specializations.

a) M.Tech - CSE with specialization in Artificial Intelligence and Machine Learning

CSE/IT Dept

b) M.Tech - CSE with specialization in Internet of Things

CSE/IT Dept

c) M.Tech -ECE with specialization in Machine Learning and Signal Processing

ECE Dept

C. Specializations dropped.

a) M.Tech with specialization in Information Security

CSE/IT Dept

b) M.Tech with specialization in Mobile Technology

CSE/IT Dept

D. Programmes dropped

a) M.Tech in Materials Science and Engineering

PMSE Dept

b) M.Tech in Applied Computational Mathematics

Mathematics Dept

E. Renaming of Specializations:

- a) M.Tech - ECE with specialization in Communication Systems

renamed as

M.Tech - ECE with specialization in Wireless Communication;

- b) M.Tech - ECE with specialization in Micro Electronics Systems and Embedded Technology

renamed as

M.Tech - ECE with specialization in Microelectronic Systems and Internet of Things.

2. The Academic Council considered and approved the same.
3. Shri Ranjit Sinha, Member from the Industry, suggested that M.Tech in Data Analytics (DA) could be developed as a brand course, as DA is the requirement of today's industry. He also suggested for a feedback from industry in terms of efficacy of this course.
4. Shri Subhash Verma, member from the industry, who had visited IoT lab of the CSE/IT Dept, appreciated the state-of-the-art facilities available in this lab and suggested that these should be fully utilized. Students should take innovative projects utilizing these facilities. He also agreed to suggest some new projects in this area and mentor the students.
5. The Academic Council considered and approved the same.

ITEM 5: B.TECH DEGREE WITH MINOR SPECIALIZATION IN ENGINEERING DISCIPLINE

1. Minor Specialization:

“As per AICTE guidelines, a student having major B.Tech degree in one programme can also opt for a minor specialization in other programme of engineering. The student has to complete additional 20 credit of courses of the other programme. These additional credits could also be earned through MOOCs. The additional 20 credits are to be specifically in core courses and departmental electives courses of minor area of specialization. Upto two labs can be included along with the theory core/elective courses for minor specialization.”

2. Certificate of Proficiency:

A provision exists in the JIIT ordinance of B.Tech programme for giving a certificate of proficiency, if the student takes ≥ 50 percent departmental electives in a particular specialization (section-1 para 6.4 of BTech ordinance).

3. The Council considered and approved the proposal of minor specializations and certificate of proficiency.
4. The Chairman also advised Dean (A&R) and all HoDs to ensure that courses for the minor specialisation and certificate of proficiency be judiciously selected by the students.
5. The Chairman informed that the benefit of minor specialisation will increase the chances of placements in minor area of specialization.

ITEM 6: CONSTITUTION OF MODERATION COMMITTEES FOR ALL DEPARTMENTS.

The Academic Council considered and approved the proposed Moderation Committees for the even semester of academic session 2019-20 of all the programmes.

ITEM 7: MONITORING AND MAINTAINING RECORDS OF SIX WEEKS SUMMER INTERNSHIP

1. As per the UGC Expert Visiting Committee recommendations, the T&P Cell at JIIT has prepared a procedure for monitoring and maintaining records of the six weeks summer industrial internship for all B.Tech 3rd year engineering students (Details at **Annexure-1**).
2. A structured system of maintaining records and taking a feedback post the internship is introduced. It is in line with the best practices in internships. Head T&P informed the members about the format for Industrial Training and the inclusion of a Feedback Form for assessment of student's performance in the 1st and 2nd month of the summer internship. He also stated that there may be visits by member of T&P cell /the faculty members, in case, if the number of students in the internship is greater than 20 at one location.
3. The Industry representative suggested that the concerned faculty members may meet with the industry people during their visit. The interaction will have many positives including higher institute-industry interaction, understanding of the industry requirements and possibilities of getting industry projects.
4. The chairman informed the members that JIIT has a successful tie-up with Ericsson which is conducting courses for students and training programmes for the faculty members. He suggested for increasing the number of students to 120 and conducting one batch at JIIT 62 and other at JIIT-128. He suggested for extending the provision of industry supported courses to the students of JIIT Waknaghat and JUET Guna.
5. The Vice-Provost, JBS requested to have a similar system of monitoring and maintaining the record of corporate internship for the students of MBA programme.
6. The Academic Council considered and approved the same.

ITEM 8: PROJECT BASED LEARNING (PBL) COMPONENT AND ASSIGNMENT OF MARKS AS TEACHER'S ASSESSMENT (TA) FOR PBL COMPONENT.

1. It was informed that a Project Based Learning (PBL) component has been introduced in each course at JIIT. The distribution of marks for PBL components is placed for consideration.
2. The Academic Council considered and approved the same.

ITEM 9: CLARIFICATION ON THE MINIMUM ELIGIBILITY CRITERIA REGARDING PHD SUPERVISION FOR CONSIDERATION FOR PROMOTION TO DIFFERENT POSITIONS UNDER CAS FOR TEACHERS.

1. The minimum eligibility criteria regarding PhD supervision for consideration for promotion to different positions under CAS for teachers was approved in the Academic Council held on 23 Nov 2019. There was a need to clarify the weightage of PhD supervision amongst the supervisors, in case of joint supervision. This has been clarified as,

"In case of joint supervision, weightage for each PhD will be equally divided among the supervisors"

A copy of updated minimum eligibility criterion is attached as **Annexure-2**.

2. The council considered and approved the same.

ITEM 10: COMPULSORY COURSE TITLED 'RESEARCH AND PUBLICATION ETHICS' FOR PHD SCHOLARS AS PER UGC REGULATIONS

1. It was communicated by the Chairman that as per the PhD Regulations 2016 of UGC, each PhD student needs to study course(s) of minimum 4 credits on '**Research Methodology**' which could cover area such as quantitative methods, computer applications, research ethics and review of published research in the relevant field; and a two credit compulsory course titled '**Research and Publication Ethics**' as part of the course work. Thus the course(s) offered to PhD scholars have been modified in line with the UGC guidelines.
2. Dean (A&R) informed that the under mentioned compulsory courses will be taken by the PhD students joining the program from the Even Sem 2020 onwards:
 - i) Research Methodology & Computational Techniques **OR** Advanced Research Methodology **(3 credits)**
 - ii) Literature Survey and Seminar **(1 credit)**
 - iii) Research and Publication Ethics **(2 credits)**
3. The Academic Council considered and approved the same.

ITEM 11: DETAILED ACADEMIC SCHEME FOR THE TRANSITION OF MBA FROM TRIMESTER TO SEMESTER MODE FOR THE BATCH 2019-21

1. The Council was informed by the Chairman regarding the transition of MBA programme from trimester to semester mode from the academic year 2020-21. As a transitory measure, 2nd year for the batch admitted in 2019-21 will be conducted in semester mode. The detailed academic scheme for this batch of MBA transiting to semester is placed for consideration and is attached as **Annexure-3**.
2. The Academic Council considered and approved the same.

ITEM 12: REVISED ORDINANCE OF MBA PROGRAMME APPLICABLE FOR BATCH 2020-21 ONWARDS.

1. The revised ordinance of MBA programme w.e.f. Academic Session 2020-21 is placed for consideration (attached as **Annexure-4**).
2. The Academic Council considered and approved the same.

ITEM 13: AMENDMENTS IN THE ACADEMIC SYSTEM FOR ALL PROGRAMMES.

1. The Chairman informed that certain issues in the academic system like the syllabi & eligibility for make-up tests, the revised marks for supplementary exam and provision for award of 'F' grade have been made uniform in the academic system of all the programmes.
2. The Dean (A&R) informed the members about the following amendments :
 - (a) Allotment of marks, duration of each examination and coverage of syllabi under the evaluation system and the eligibility for make-up test.
 - (b) There will be no make-up test for end semester examination.
 - (c) The maximum marks for each subject in the supplementary examination will be 100 marks (from 75 marks earlier) as approved in academic council meeting held on 23 Nov 2019. The corresponding changes in marks scored and grade awarded in the supplementary examination have been defined.
 - (d) The award of 'F' grade has been clarified.
3. The details of the amendments are given in **Annexure-5**.
4. The Academic Council considered and approved the same.

ITEM 14: EVALUATION SCHEME FOR M.TECH & INTEGRATED M.TECH DISSERTATION CARRIED OUT IN COLLABORATION WITH OTHER ACADEMIC INSTITUTIONS.

1. Amendments in Section 3.5 and 3.6 (Dissertation and Industrial Project respectively) of the M. Tech. ordinance of JIIT, effective from academic session 2020-21 regarding the guidelines and distribution of marks are given at **Annexure-6**.
2. The Academic Council considered and approved the same.

ITEM 15: RELOCATION NORMS FOR WOMAN PHD SCHOLARS WORKING IN OTHER INSTITUTIONS.

1. As per UGC PhD regulations – 2016, a provision exists for relocation of woman PhD scholars and transfer of Research data from one university to other university, to which the scholar intends to relocate. However, Section 3.9 of PhD ordinance of JIIT has a provision for relocation of woman PhD scholar from JIIT to other Institutions and not for from other Institutions to JIIT.
2. Dean (A&R) suggested for the inclusion of the following provision as section 3.10 in PhD ordinance of JIIT for the relocation of woman PhD scholar from other Institutions to JIIT;

“In case of relocation of a woman Ph.D. Scholar due to marriage or otherwise, the research data shall be allowed to be transferred to JIIT provided the research work does not pertain to the project secured by the parent institution/ supervisor from any funding agency. The scholar will have to submit a certificate in this regard signed by Head of the institution/Dean (A&R)/ Director of the parent university/institution. The certificate should also include that parent institution has no objection for such a transfer of research scholar. The scholar will, however, give due credit to the guide from earlier institution and also to the institution for the part of research work already done over there”.

3. Such proposal will be placed for consideration and approval of the Vice-Chancellor.
4. Parent Institution means from where the scholar want to be transferred.
5. The Academic Council considered and approved the proposal.

ITEM 16: REMOVAL OF INDUSTRIAL PROJECT & ENTREPRENEURSHIP FROM M.TECH & INTEGRATED-M.TECH CURRICULA.

1. The Council members were informed that in the curricula of M. Tech. Programme, option of choosing Industrial Project course in the third semester exists for the students along with the other options like Dissertation/ Entrepreneurship Project. These options

are also available for Integrated M. Tech students in their 10th semester.

2. To carry out industrial project, a student is required to carry out work in the industry which is not possible because, in third semester of M.Tech programme and tenth semester of integrated programme, there are other courses like open elective, Seminar and Term paper and PBL. Additionally there are three M. Tech elective courses in the Integrated M Tech programme.
3. The Academic Council considered and approved the recommendation for removal of Industrial Project from the third semester of M. Tech. Programme and 10th semester of Integrated M. Tech programme.

ITEM 17: REPORT ON CURRENT PLACEMENT STATUS

Placement position for the batch passing out in 2020 along with the comparative placement details for batches 2018, 2019 & 2020 were noted and appreciated by the members of Academic Council.

ITEM 18: CONSTITUTION OF VARIOUS COMMITTEES AFTER LAST ACADEMIC COUNCIL MEETING

The council considered and approved the constitution of following committees :-

- i. Internal Complaints Committee (ICC)
- ii. International Student Cell (ISC)
- iii. Research Advisory Council (RAC)

ITEM-19 ANY OTHER ITEM WITH PERMISSION OF THE CHAIR

Policy for promotion of Research.

1. JIIT is committed to promote research culture in the campus by establishing Committees on Research and Development and implementing specific and goal oriented research activities and schemes to be undertaken by the faculty independently or in collaboration with industries/ other academic Institutions of repute.
2. To promote and monitor the research, the Institute had constituted the following three committees at different levels:
 - i. Research Advisory Committee (RAC)
 - ii. Departmental Research Committee (DRC)
 - iii. Doctoral Program Monitoring and Advisory Committee (DPMAC)

3. The JIIT has a research policy which includes the details of constitution and functions of these committees. The details are attached as **Annexure-7**.
4. The Academic Council noted and approved the same.

The meeting ended with vote thanks to the chair.

sd/-

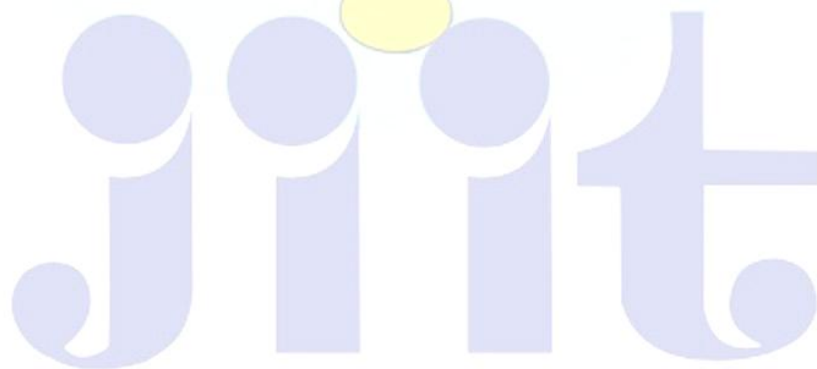
**Registrar
Member Secretary**

Confirmed

sd/-

**Prof S C Saxena
Chairman**

Dated: 29 February 2020



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