

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 branches 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 3rd 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 4th 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 10th class, be permitted to submit Class 10th 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 1st 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 3rd year in order to have lesser academic load in the 4th 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**

**MINUTES OF THE EMERGENT ACADEMIC COUNCIL MEETING
HELD ON JUNE 27, 2018 (WEDNESDAY)**

Notice of Emergent Academic Council meeting was sent to all the members of the Academic Council vide E-mail dated 20 June, 2018. Accordingly, Emergent meeting of the Academic Council was conducted on June 27, 2018 (Wednesday) at 3.30 p.m. in the Board Room of Jaypee University of Information Technology, Waknaghat, Solan. The following members of the Council were present during the meeting:-

- | | |
|---|--|
| 1. Prof. Vinod Kumar
Vice Chancellor, JUIT, Waknaghat | - Chairman |
| 2. Sh. Vinod Sharma
Member Nominated by Pro Chancellor | - Member |
| 3. Prof. Samir Dev Gupta
Director & Dean Academics | - Member |
| 4. Prof. S. P. Ghrera
Professor & Head - CSE / IT Deptt. | - Member |
| 5. Prof. Ashok Kumar Gupta
Professor & Head - CE Deptt. | - Member |
| 6. Prof. Sudhir Syal
Professor & Head - BT / BI Deptt. | - Member |
| 7. Prof. Sunil Kumar Khah
Professor - PMS Deptt. / COE | - Member |
| 8. Dr. Neelkanth
Assistant Professor (Sr. Grade) | - Representative from Deptt.
of Mathematics |
| 9. Dr. Neena Jindal
Assistant Professor (Grade-I) | - Representative from Deptt.
of HSS |
| 10. Maj. Gen. Rakesh Bassi, SM (Retd.)
Registrar & Dean Students | - Non-Member Secretary |
| 11. Sh. Sanjay Kumar Verma
Assistant Registrar (Academics) | - Special Invitee |

LEAVE OF ABSENCE

Some members could not attend the meeting due to their pre-engagements for the day of meeting. Leave of absence to such following members was recorded:-

- | | |
|--------------------------|---|
| 1. Sh Sunil Sharma Ji | - Nominated Member by Pro Chancellor |
| 2. Prof. Manoj Arora | - Vice Chancellor, PEC University, Chandigarh |
| 3. Prof. S. C. Saxena | - Vice Chancellor, JIIT, Noida |
| 4. Prof. Padam Kumar | - Dean (R&D), JIIT, Noida |
| 5. Prof. Veeresh Gali | - Prof. CE Deptt., JUIT, Noida |
| 6. Prof. Karanjeet Singh | - Prof. & Head, Deptt. of Maths |
| 7. Prof. P. B. Barman | - Prof. & Head, Deptt. of PMS |
| 8. Dr. Anupriya Kaur | - Prof. & Head, Deptt. of HSS |

Prof. Vinod Kumar, Vice Chancellor, JUIT and Chairman, Academic Council extended warm welcome to the members present in the meeting for making it convenient to attend the meeting of the Academic Council. Chairman extended welcome to Prof. Sudhir Syal, who had taken over as HOD of Deptt. of BT / BI as the newly inducted member to the Academic Council and Sh Sanjay Kr. Verma, Assistant Registrar (Academics) who had recently joined the University as special invitee.

The Chairman informed the members about the need of calling the emergent meeting of the Academic Council and agenda of the meeting was placed before the members of the Council. He stated that our University is engaged in imparting professional technical education to the youth and AICTE (All India Council for Technical Education) is the regulatory body for such technical institutions. He further informed that recently AICTE has published "Model Curriculum for Undergraduate Degree Courses in Engineering & Technology - January 2018" as a guide to all the technical institutions and mandated to follow the choice based credit system of total 160 credits for Undergraduate Technical Degree Courses. AICTE has suggested credit distribution for whole four year course (total 160 credits) considering attributes like HSS, Basic Science, Engineering Science, Professional Core, Professional Elective, Open Elective and Project.

Considering AICTE mandated 160 Credit System for Undergraduate Degree Courses, New Course Structure of 1st Year B. Tech. to be effective from current academic session i.e. 2018-19 has been designed and the same is being placed in the Academic Council for detailed deliberation among the members and approval of the Academic Council.

Accordingly, newly designed Course structure of 1st Year B. Tech. as approved by the BOS of various departments was presented through power point presentation for deliberation by the members. The following points were deliberated upon:-



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1. 1st year B. Tech. Course structure should be made common for all the students. Disciplines are divided in two Groups; Group - I (BT / BI) and Group - II (ECE / CE / CSE / IT). Some specific consideration have been given to the students of BT & BI considering Maths and Biology background of the students.
2. Basic Mathematics-I has been kept as optional with less course contents for BI / BT students.
3. The departments have adopted the AICTE model curriculum. However, some variations considering the essence of the course contents exist, which are well within the AICTE recommendations.
4. 100% credits have been assigned for Lecture and Tutorial contact hours and 50% credits for Practical contact hours. i.e. for Lecture & Tutorial 01 contact hour = 01 credit and from Practical 01 contact hour = 0.5 credit
5. Engineering Graphics and Workshop Practices kept in alternative semester due to limitations of lab facilities presently e.g. for BT, BI, ECE and CE - Engineering Graphics in 1st Semester and Workshop Practices in 2nd Semester and for CSE & IT - Workshop Practices in 1st Semester and Engineering Graphics in 2nd Semester and then toggled.
6. Efforts towards self learning by reducing credits to 160 from existing 195.

Specific Changes / Modifications

1. Contact hours for mandatory Induction Program shown as Zero (0) be replaced with Dash (-) due to non credit subject.
2. Course content of Workshop Practice to include "Fitter" also. Task was assigned to Dr. Ashok Kumar Gupta, Professor & Head, Deptt. of CE
3. Contents of Mechanics be added in the course content of Physics-II. Task was assigned to Dr. P B Barman, Professor & Head, Deptt. of PMS
4. Subject codes of all the revised syllabus to be replaced with the new subject codes with 18 as initials.
5. Credits weightage for Civil Engineering Deptt. and Computer Sc Deptt. in various verticals which were beyond plus / minus 03 from AICTE model credit distribution were discussed and assigned as follows:-
 - a) Civil Engineering Deptt.
Engineering Sciences - 22, Professional Core - 51,
Professional Elective - 21, Open Elective - 15
 - b) Computer Science Deptt.
Professional Core - 51, Open Elective - 16



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CONCLUSION:

Academic Council unanimously approved the new 1st Year B. Tech. Course Structure / syllabus with above changes / modifications.

Prof. Vinod Kumar directed all Head of the departments to revise the B. Tech. Course Structure / Syllabi for 2nd, 3rd and 4th year considering above guidelines and place the same in their respective BOS for its approval and subsequent approval of the next Academic Council. He further suggested that minor changes in the course structure / syllabi should be made on yearly basis and major changes after an interval of four years. Syllabi / course content of GATE Exam to be considered and incorporated while revising syllabi of B. Tech. 2nd, 3rd and 4th year.

The Chairman, thereafter, informed the members about the coverage of JUIT at DD News Channel and about the availability of the link at www.youtube.com and www.juit.ac.in. The short film was screened for the members. The two week's induction / orientation program being conducted for the newly admitted students of B. Tech. as mandated by AICTE was also placed before the members for discussion and approval. The concept of framing the detailed program was explained. The same was approved by the Council.

There being no other points meeting ended at 5.30 p.m. with a vote of thanks to the Chair.

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

Above Minutes Confirmed / Not Confirmed

Prof. Vinod Kumar
Vice Chancellor & Chairman

28/6/2018

MINUTES OF THE ACADEMIC COUNCIL MEETING HELD ON 25 OCTOBER, 2018

General

Prior notice for holding meeting of the Academic Council (AC) of JUIT on 25 October, 2018 was circulated among the members of the Academic Council vide E-mail dated 16 October, 2018. Accordingly, Academic Council meeting was conducted on 25 October, 2018 at 10.00 a.m. in the Board Room, Jaypee University of Information Technology, Waknaghat.

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

Industry Professional nominated by the Pro-Chancellor

Sh. Sunil Kumar Sharma

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
Prof. A. K. Gupta	Head of Deptt. of CE
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. Vinod Sharma	Industry Professional nominated by the Pro-Chancellor
Prof. Manoj Arora	Professor, Civil Engg. Deptt., IIT Roorkee
Prof. Padam Kumar	Dean (R&D), JIIT, Noida
Prof. Samir Dev Gupta	Director (A&R), JUIT, Waknaghat

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Welcome and Thanks giving for Incoming / Outgoing Members

The Chairman, Academic Council extended warm welcome to all the members present in the meeting and expressed thanks to Sh. Sunil Sharma and Prof. S. C. Saxena for their presence.

He further appreciated the contributions made by Prof. S V Bhooshan and Prof. Veeresh Gali, the outgoing members of the Academic Council and welcomed the newly inducted members Prof. M J Nigam, Head of Electronics & Comm. Engg. Deptt. and Prof. Ashish Kumar, Civil Engg. Deptt.

Agenda Items

Item No. 1 Confirmation of Minutes of last meetings of the Academic Council held on 02 December 2017 and Emergent Academic Council meeting held on 27 June 2018.

Minutes of the meeting of the last two ACM's dated 02 December 2017 and 27 June 2018 were forwarded to the members and no comments were received. The minutes of the meetings were confirmed.

Item No. 2 Action Taken Report

Detailed deliberations were made on the Action Taken Report of the last two ACM's. Prof S.C Saxena and Sh Sunil Sharma appreciated the efforts made and actions initiated by the team of JUIT. Prof. S.C Saxena suggested to put up JUIT, Regulations and Ordinances, for approval in the next meeting of Executive Council. He further inquired about the progress made by the Centres of Excellence created for the specific purpose and suggested to form Monitoring Committee to review the progress of these centres from time to time.

Prof. Vinod Kumar informed the members that JUIT has adopted 05 villages under Unnat Bharat Abhiyan and working over the issues of Drinking Water, Roads, Sanitation and Medical needs of the villagers as part of activities of Centre of Excellence for Sustainable Technology for Villages.

Item No. 3 Approval towards Caution Money from NRI, M. Tech. M.Sc., Ph.D. students as approved for B. Tech. Students from academic session 2019-20.

Members were informed that as of now JUIT is charging Caution Money of Rs. 10000/- (Refundable) only from B. Tech. students (except NRI students) as a security amount towards recovery of damages if any. Since all students are using the same infrastructure and facilities there are equal possibilities from other students of damages / recoveries as are with the B. Tech. students. In case of involvement in disciplinary activities or damages by NRI, M. Tech., M.Sc., Ph.D. students, University presently has no option for recovery as of now.

Therefore, Academic Council approved charging Caution Money amounting to Rs. 10000/- from all UG, PG and Ph.D. students as is being charged from B. Tech. students.



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Item No. 4 Extension of maximum allowable age for admission to Undergraduate Courses in line with JEE (Mains) guidelines.

After detailed deliberation over the issue, Academic Council suggested that Status Quo be maintained till the issue is examined in more detail centrally.

Item No. 5 B. Tech. (Lateral Entry Scheme) to be aligned with AICTE guidelines i.e. additional 20% supernumerary seats (over and above the sanctioned intake) for direct admission to B. Tech. 2nd year.

Introduction of B. Tech. (Lateral Entry Scheme) as per AICTE guidelines i.e. additional 20% supernumerary seats (over and above the sanctioned intake) for admission of Diploma holders directly to B. Tech. 2nd year was approved. However it was decided that these 20% seats should not be merged with the left over seats of the last year and eligibility criteria for admission to both should be specified separately i.e. left over seats be offered to students who have completed B. Tech. 1st year and lateral entry seats be offered to students who have completed three years Diploma in same or allied branch. Specific admission criteria should be published in Admission Brochure separately for both modes of admissions.

Item No. 6 Approval for Amendment in Regulations and Ordinances for Award of Degree in Case of Admission under Lateral Entry.

Upon induction of 160 credit scheme for B. Tech., amendment in Regulations and Ordinances for award of Degree in case of admission under lateral entry was approved to 122 credits i.e. Total Credits (Minus) Credits of B. Tech. 1st year i.e. $160 - 38 (17.5 + 20.5) = 122$ credits.

It was decided that the Transcript of a student must clearly specify that admission of student was on the basis of Lateral Entry. Credits obtained from other Institutes and JUIT be separately mentioned and then a total out of 160 credits. However, final CGPA be mentioned on the basis of credits earned at JUIT.

Item No. 7 Mapping of MOOCs with JUIT Grading system

Prof. S.C Saxena informed the members that India has adopted its education system from Britishers wherein 10 point grading scale is followed. On the other hand American education system is following 05 point grading scale. Accordingly some foreign universities are following 05 point grading scale system and hence equivalence of such grading system with the JUIT grading system is necessitated. Academic Council approved the following on the recommendations of a JUIT committee for mapping of MOOCs, with JUIT grading system.



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Grading Scheme MOOCs	
>OR=	Grade
80	A+
70	A
60	B+
50	B
40	C+
<40	F

Item No. 8 Mapping of TAMK (Tampere University of Applied Sciences, Finland) grading system with JUIT grading system

The item as recommended was approved and following equivalence approved: -

TAMK Finland grade equivalence with JUIT Grade			
Passing Grade*	Grade Points	Indian Grade Points	JUIT Equivalent Grade
Excellent	5	10	A+
Very Good	4	9	A+
Good	3	8	A
Satisfactory	2	6-7	B+
Minimal Pass	1	4-5	B
Fail	0	0	F
Pass	S		S

*Completed courses are evaluated on the competence scale excellent (5), very good (4), good (3), satisfactory (2), minimal pass (1) and fail (0). The marking pass (S) can exceptionally be used if it has been separately stated in the study guide or individual study plan.

Item No. 9 On-line Anti Ragging Undertaking

Considering the odds involved in the submission of On-line anti ragging undertaking at the time of new registration / admission, the item as recommended was approved. However it was decided that no admission will be made without hard copy of the anti ragging affidavit of the parents and individual student as it is statutory requirement and cannot be ignored. Efforts shall be made for getting on-line anti ragging undertaking as soon as feasible and hard copy latest by September 30 of each year.

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Item No. 10 **Admission review of last three years vis-a-vis sanctioned intake – Decision for introduction of new courses, increase / decrease in take of existing courses, change of nomenclature of existing courses, discontinuation of existing courses.**

Statistics showing gradual downfall in number of admissions vis a vis the sanctioned intake of the courses were considered by the Academic Council. Prof S.C Saxena highlighted that all out efforts should be made for increasing the number of admissions. It was also suggested to retain the existing intake of 570, and if required, internal adjustments (increase / reduction) within the programs be made as per the demand of the course / program.

Item No. 11 **New Format of Feedback from Students.**

To have more objective and comprehensive feedback from the students, new format of Feedback was placed before the Academic Council. Academic Council approved the same with a suggestion to also incorporate attributes suggested in NBA guidelines, to make it more comprehensive. Prof. S.C Saxena suggested that the same will be implemented in other Jaypee Universities.

Item No. 12 **Approval of Sports Policy**

The draft Sports Policy of JUIT was placed before the Academic Council and after detailed deliberation, the same was approved.

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.

Item No. 14 **Increase / Reduction in Sanctioned Intake of Existing Programs / Courses**

Department of Electronics and Communication had recommended for reduction in the sanctioned intake of B. Tech. (Electronics & Communication Engineering) from existing 90 sanctioned intake to 60. The item was considered and resolved that the adjustment could be made within the total sanctioned intake of 570 within the courses / programs. However, total sanctioned intake of Under Graduate programs should be retained as 570.

Item No. 15 **New Course Structure and detailed syllabus for B. Tech. 2nd, 3rd and 4th year with 160 Credits / 180 Credits (with Additional Certificate of Minor Area / proficiency in steam X).**

The Academic Council considered and approved the following items:-

- (i) The Course Structure of 160 Credits as mandated by the AICTE and detailed syllabus from various departments as approved by their respective Board of Students (BOS) was considered and approved. The criteria for award of Honours degree will remain the same as approved in the Academic Council



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dated 02 December, 2017. The additional 20 credits for the award of certificate of Minor area / proficiency in steam X, 20 additional credits are required fulfilling the following criteria.

(i) (a) Conditions for Award of Additional Certificate of Minor Area

- i. Earning of minimum credits, as required for award of degree.
- ii. Earns 20 credits in addition to the credits as specified for the program in the minor area.
- iii. Additional 20 credits in a minor discipline could be earned through MOOCs also and may include supporting courses from allied discipline limited to a maximum of 6 credits.
- iv. Successfully completing the Industrial Internship within the minimum period of 4 years.
- v. Completing all the requirements of a degree in the minimum period of 4 years.

(i) (b) Conditions for award of additional certificate of proficiency in steam X

- i. Qualify for the award of B. Tech. degree in the minimum period.
- ii. Have passed in minimum of >50% of B. Tech elective subjects taken from the steam X.
- iii. Grade Point Average in the elective subjects of (ii.) is >7.0.
- iv. Major project has been done in steam X with at least 'A' grade
- v. CGPA for 195 credits (pre 2018 batch) / 160 credits (post 2018 batch) of B. Tech. level is >6.5

(ii) Introduction of new Elective Courses and Course descriptions (**Annexure – 18**) proposed by department of Computer Sc. & Engineering.

(iii) Introduction of new elective Course of Computational Electro Magnetics (18M1WEC331) (**Annexure – 19**) for Ph.D. students proposed by Department of Electronics and Communication Engineering.

(iv) New elective courses and detailed syllabus (**Annexure-20**) proposed by Department of Electronics and Communication Engineering.

(v) MOOC courses as listed in item No. 15.2(iv) of agenda proposed by Department of Electronics and Communication Engineering.

(vi) Introduction of new elective courses and course description (**Annexure – 21**) proposed by department of Biotechnology and Bioinformatics.

(vii) New Course of Material Science (18B11PH611) with course description (**Annexure – 22**) as compulsory Science elective for 5th Semester CSE, ECE and IT proposed by Department of PMS.

(viii) New Course of Engineering Physics Lab-II (18B17PH271) with L-T-P of (0-0-2) of 01 credit (**Annexure – 23**) in 2nd Semester of B. Tech. CSE, ECE, IT and CE as proposed by Department of PMS.

MINUTES OF THE ACADEMIC COUNCIL MEETING HELD ON 25 OCTOBER, 2018

- (ix) New Courses with course description (**Annexure - 24**) proposed by Department of Mathematics.
- (x) New Courses with course description (**Annexure - 25**) proposed by Department of Humanities and Social Sciences.

Item No. 16 Modification in Existing Course Structure / Detailed Syllabus

The Academic Council considered and approved the following:-

- (i) Modification in detailed syllabus of existing courses of B. Tech. (CSE/IT), M. Tech. (CSE) and M. Tech. (CSE) (IS) (**Annexure - 26**) proposed by Department of Computer Science and Engineering and Information Technology.
- (ii) Modification in existing Theory and Lab Courses (**Annexure - 27**) proposed by Department of Electronics and Communication Engineering.
- (iii) Modification in Course Structure and course description of M. Tech. (Biotechnology) (**Annexure - 28**) proposed by Department of Biotechnology and Bioinformatics.
- (iv) Department of Biotechnology and Bioinformatics has proposed for granting permission to B. Tech. (BT), B. Tech. (BI) and M.Tech.(BT) students to apply for and avail "Khorana program for Scholars", prestigious International fellowship program, jointly initiated by Department of Biotechnology (DBT), Govt. Of India, and Indo-US Science and Technology Forum (IUSSTF) for 10 weeks fellowship to the selected students at US Universities during May to July 2019 with a condition to maintain their attendance requirements as per University rules with no concession / waiver in attendance towards such participation.
- (v) Modification in the course contents of Biophysical Techniques (18B11PH212) (**Annexure - 29**) proposed by Department of PMS.
- (vi) Modification in (L-T-P) of Engineering Physics-II from (3-1-0) to (3-0-0) (**Annexure - 30**) proposed by Department of PMS.
- (vii) Modification in Course contents of Engineering Physics Lab - I (18B17PH171), Basic Engineering Physics-I (18B11PH112) and Basic Engineering Physics Lab - I (18B17PH172) (**Annexure - 31**) proposed by Department of PMS.

MINUTES OF THE ACADEMIC COUNCIL MEETING HELD ON 25 OCTOBER, 2018

Item No. 17 Reporting Items

Reporting items as mentioned at Agenda item 17.1 to 17.10 were considered and noted by the Academic Council.

Item No. 18 Any other Item with the permission of the Chair.

Prof. P.B. Barman, Professor and Head of PMS Department raised the issue of Plagiarism and measures which can be taken to deal with the issue. Prof. S.C Saxena suggested to deal with the problem by adopting following :-

The guidelines issued by the UGC should be followed. These are mandatory to each University. The guidelines of UGC may be further explained for the convenience of research scholars and faculty.

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**

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

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

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 Gainesville, USA with JUIT grading system.

Members were informed that under student exchange program, University is having MoU with University of Florida at Gainesville, USA. Students selected to undergo their final semester courses at University of Florida at Gainesville 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 Gainesville, 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

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

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 8 th semester (upto 12 credits)	Rs. 10000/-	Rs. 7000/-
Fee for Registration of left over credits beyond 8 th 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.

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

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).

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

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:-

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

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**).

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

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**).

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

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:-

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

For Non GATE Qualified Candidates: 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.

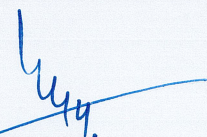
Prof. S C Saxena stressed the importance of the New Education Policy of the Government and requested the members to go through the Education Policy document especially for Higher and Technical Education.

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

MINUTES OF THE ACADEMIC COUNCIL MEETING HELD ON 04 JUNE, 2020 THROUGH ONLINE MODE

General

Considering the worldwide COVID-19 pandemic, it was not possible to conduct the physical meeting of the members of the Academic Council. Accordingly meeting of the Academic Council was scheduled through Google Meet. The Chairman, Academic Council extended warm welcome to all the members present in the meeting.

Attendance

The following members were present:-

Chairman

Prof. Vinod Kumar Vice Chancellor, JUIT, Wagnaghat

Head of the Other Institution of the Trust

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

Distinguished Academician nominated by the Pro-Chancellor

Prof. Lalit Kumar Awasthi Director, NIT Jalandhar

Industry Professional nominated by the Pro-Chancellor

Lt Gen Ravindra Mohan Chadha, PVSM, AVSM (Retd.) Director, Jaiprakash Power Ventures Ltd.

The Dean of all Faculty of the University

Prof. Samir Dev Gupta Dean (Academics) & Head of Deptt. – CSE/IT, JUIT

Heads of the Departments / Centres of the University

Prof. M. J. Nigam	Head of Deptt. of ECE
Prof. Karanjeet Singh	Head of Deptt. of Mathematics
Prof. P. B. Barman	Head of Deptt. of PMS
Prof. Ashok Kumar Gupta	Head of Deptt. of CE
Prof. Sudhir Kumar	Head of Deptt. of BT&BI
Dr. Anupriya Kaur	Associate Prof 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

MINUTES OF THE ACADEMIC COUNCIL MEETING HELD ON 04 JUNE, 2020 THROUGH ONLINE MODE

Leave of Absence

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

Sh. Sunil Sharma	Executive Vice Chairman, JAL
Dr Satish Kumar	Director, NIT, Kurukshetra

Contribution of the Outgoing Members of the Academic Council

Chairman, recognised and expressed gratitude for the contribution made by the outgoing members of the Council.

Outgoing Members: -

Prof. Manoj Arora	Vice Chancellor, BML Munjal University
Late Prof. Padam Kumar	Dean (R&D), IIIT Noida
Sh. Vinod Sharma	Executive President, Jaiprakash Associates Ltd.
Prof S P Ghrrera	Former HOD (CSE/IT), JUIT

Induction of New Members

Chairman, Academic Council extended warm welcome to the newly inducted members.

Newly Inducted Members:-

Dr. Satish Kumar Director, NIT Kurukshetra	- Distinguished Academician nominated by the Pro-Chancellor
Prof. Lalit Kumar Awasthi Director, NIT Jalandhar	- Distinguished Academician nominated by the Pro-Chancellor
Lt Gen Ravindra Mohan Chadha, PVSM, AVSM (Retd.) Director, Jaiprakash Power Ventures Ltd.	- Industry Professional nominated by the Pro-Chancellor

Agenda Items

Item No. 1 **CONFIRMATION OF MINUTES OF LAST MEETING OF THE ACADEMIC COUNCIL HELD ON 05 SEPTEMBER 2019**

Minutes of the meeting of the last ACM held on 5th September 2019 were forwarded to the members and no comments were received. The minutes of the last ACM as per **Annexure – 1** were confirmed.

MINUTES OF THE ACADEMIC COUNCIL MEETING HELD ON 04 JUNE, 2020 THROUGH ONLINE MODE

Item No. 2 ACTION TAKEN REPORT

The action taken on the items resolved in the last ACM were noted by the members.
(Annexure – 2 to Annexure – 10)

Chairman informed the members about the item 2.10, **Allowing MOOCs against the Core Courses** which was placed before the Academic Council in its last meeting held on 5th September, 2019 but the same was not resolved. Post discussion this is taken up as an Agenda Item for inclusion within this Academic Council Meeting as part of Item No. 12 for consideration and approval.

Prof. S C Saxena advised to consider Introduction of MOOCs for 4/3 credits core courses in the curriculum. He pointed out that JUIT must look into such courses where the syllabus of courses offered by NPTEL, Coursera etc is matching with those in the existing curriculum.

Item No. 3 APPROVAL FOR EVALUATION SCHEME OF SEMINAR FOR M.Sc PROGRAMS

Chairman, Academic Council informed the members that presently no provision for evaluation scheme of Seminar for M.Sc Program started during the Academic Session 2019-20 exists in the Regulations and Ordinances. Department of Biotechnology / Bioinformatics has suggested the evaluation scheme of Seminar for M. Sc programs as is being followed for M. Tech programs. After detailed deliberation, evaluation scheme for M.Sc Seminar as per **Annexure – 11** was approved by the Council. Distribution of marks will be as under:-

Day to day work done prior to Midterm	- 20%
Day to day work done after Midterm & upto End term	- 20%
Seminar	
Midterm Seminar and report	- 20%
End term report "TERM PAPER"	- 20%
End term Seminar	- 20%

Item No. 4 APPROVAL FOR TWO CREDITS – RESEARCH AND PUBLICATION ETHICS (RPE) MANDATED BY UGC.

Members were informed about the two credit course for awareness about publication ethics and publication misconducts entitled "Research and Publication Ethics" (RPE) mandated by UGC for all Ph.D students for their course work. The credit requirement for Ph.D course work as specified by the UGC is almost same as being followed at JUIT. Comparison of the course contents was also made and only practical sessions / assignments were missing in JUIT course content, which have been proposed for inclusion. The revised course contents after inclusion of practical session / assignment is appended at **Annexure -12**. The item was considered and approved by the Academic Council.

MINUTES OF THE ACADEMIC COUNCIL MEETING HELD ON 04 JUNE, 2020 THROUGH ONLINE MODE

Item No. 5 APPROVAL FOR FORMAT OF GRADE-SHEET, TRANSCRIPT, PROVISIONAL DEGREE AND DEGREE PARCHMENT FOR STUDENTS WITH MINOR SPECIALIZATION

Council considered the SOP for offering Minor Specialisation as per **Annexure 13** and format of Grade –Sheet, Transcript, Provisional Degree and Degree Parchment for students with Minor specialization. The formats of the same were discussed and minor change in wording as well as layout was suggested and approved. The amended formats are as per **Annexure 14**.

Prof. Saxena suggested the importance of inter disciplinary Minor specialization offered to the students and stressed that important Core Courses be offered as Minor and flexibility of choosing Courses out of listed Minors be given to the students. However, Proficiency be offered out of the Elective Courses as per the area of interest of the student.

Item No. 6 TO CONSIDER AND RATIFY SEAT INTAKE FOR ADMISSIONS IN ACADEMIC YEAR 2020-21

Chairman, Academic Council informed the members about the proposed seat intake for admissions for 2020-21. Academic Council considered the item and approved the following for Academic Session 2020-21:-

Undergraduate Programs (B. Tech.)

S.No.	Program	Seat Intake (2020-21)
1.	Bioinformatics	30
2.	Biotechnology	30
3.	Civil Engineering	60
4.	Computer Sc. & Engg.	330
5.	Electronics & Comm. Engg.	60
6.	Information Technology	60
	Total	570

Postgraduate Programs (M. Tech.)

S.No.	Program	Seat Intake (2020-21)
1.	Biotechnology	18
2.	Construction Management	18
3.	Environmental Engineering	18
4.	Structural Engineering	18
5.	Computer Sc. & Engg.	18
6.	Computer Sc. & Engg. (Information Security)	18
7.	Electronics & Comm. Engg.	18
	Total	126

MINUTES OF THE ACADEMIC COUNCIL MEETING HELD ON 04 JUNE, 2020 THROUGH ONLINE MODE

Postgraduate Programs (M. Sc.)

S.No.	Program	Approved Seat Intake (2020-21)
1.	Bioinformatics	30
2.	Biotechnology	30
3.	Statistics	30
4.	Physics	30
	Total	120

Doctoral Programs (Ph.D.)

S.No.	Program
1.	Bioinformatics
2.	Biotechnology
3.	Civil Engineering
4.	Computer Sc. & Engg.
5.	Electronics & Comm. Engg.
6.	Humanities and Social Sciences
7.	Mathematics
8.	Physics and Materials Science

Item No. 7

APPROVAL OF THE MINUTES OF MEETING OF BOARD OF STUDIES (BoS) OF DEPARTMENTS

Academic Council considered the Minutes of Board of Studies (BoS) of Department of Biotechnology / Bioinformatics held on 17 December 2019 as per **Annexure – 15** and noted the contents.

Item No. 8

APPROVAL FOR INTRODUCTION OF NEW COURSES / MODIFICATION IN EXISTING COURSE STRUCTURE / DETAILED SYLLABUS

Department of Biotechnology / Bioinformatics proposed following and the same was considered by the Academic Council and approved as under:-

8.1 Introduction of Elective Courses of M. Sc. Biotechnology

Name of Course	Elective	Semester
Molecular and Clinical Diagnostics	Elective – I	Second
Quality Control and Quality Assurance	Elective – I	Second
Nanobiotechnology: Principles and Applications	Elective – II	Third
Cell Signaling	Elective – II	Third

The detailed syllabus of the above floated Elective Courses are as per **Annexure – 16**.

MINUTES OF THE ACADEMIC COUNCIL MEETING HELD ON 04 JUNE, 2020 THROUGH ONLINE MODE

8.2 Change in Courses offered to Minor Specialization of B. Tech. Biotechnology

Existing Courses	To be Replaced with
Microbiology	Cell Biology and Cell Culture Technology
Microbiology Lab	Cell Biology Cell Culture Technology Lab
Food and Agriculture Biotechnology	Down Stream Processing

1. Immunology in place of Bioprocess Engineering, if already done.
2. Immunology Lab in place of Bioprocess Engineering Lab, if already done.

The revised Courses to be offered under Minor specialization of B. Tech. Biotechnology are as per **Annexure – 17**.

Prof. Saxena mentioned that Bioprocess Engineering and Bioprocess Engineering Lab seem to be core courses of the program. Hence, before dropping some courses, the course contents of the courses should be examined and taken care of.

8.3 Change in Courses offered to Minor Specialization of B. Tech. Bioinformatics

Existing Courses	To be Replaced with
Biological Computation	Bioinformatics Data Management
Biological Computation Lab	Bioinformatics Data Management Lab

The revised Courses to be offered under Minor specialization of B. Tech. Bioinformatics are as per **Annexure – 18**.

Prof. S C Saxena suggested that nomenclature of the Database Management System be changed since Database Management Systems course is core course of CSE / IT.

Item No. 9

RATIFICATION OF THE ACADEMIC DECISIONS TAKEN DURING LOCKDOWN DUE TO COVID – 19 PANDEMIC.

Chairman, Academic Council apprised the members about the academic decisions taken during the lockdown due to COVID – 19 pandemic. The academic decisions taken as per **Annexure – 19 & Annexure – 20** were considered and noted by the members.

Some new initiatives considering the lockdown due to COVID have been taken so that the academic activities of the students are completed in time bound period. Some of them are as under:-

- M/s Mercer Mettl engaged for conduct of on-line exam.
- T3 – Exam of Final year students in on-line mode
- T3 – On-line Exam of final year students to be conducted during 18-20 June 2020.
- Students opting for offline mode T3 Exam to be conducted during 1-13 July

MINUTES OF THE ACADEMIC COUNCIL MEETING HELD ON 04 JUNE, 2020 THROUGH ONLINE MODE

in Campus.

- Rest all other academic activities of first year, second year and third year students to be completed between 16-30 July, 2020.

Prof. S C Saxena informed the members about the change in Admission Calendar – 2020 due to spread of COVID-19 and uncertainty of the schedule of the admissions for 2020. The Admission Calendar has been designed considering the present situation and guidelines of the regulatory bodies. However, upcoming situation can't be predicted at this stage and decisions may get modified keeping the further situation emerging wrt COVID – 19.

Prof. Saxena requested the Head of Departments to join hands with the Hon'ble Vice Chancellor, JUIT so as to maximise the number of admissions since this is going to be a challenge.

Lt Gen Ravindra Mohan Chadha, PVSM, AVSM (Retd.) appreciated the initiatives taken during the lockdown and expressed his concern regarding the psychological trauma being faced by students and parents during the COVID-19 pandemic and suggested some counselling sessions for the students and their parents by faculty members.

The Chairman briefed the Council Members regarding efforts made in this regard.

Maj Gen Rakesh Bassi, SM (Retd.) informed the members about the engagement of a Bangalore based 24x7 online professional psychological counselling firm M/s DOST and engagement of Dr. Shalini Dhadhwal, Professional Psychologist who is taking care of the psychophysical health of the students even during lockdown by sharing the links sent by them with the students. He also shared the psychophysical feedback of the students given by Bangalore based firm with the members. Prof S. C. Saxena stated that the suggestion by Lt Gen R. M. Chadha was relevant and would be implemented in all Universities of Jaypee Group,.

Item No. 10

DBT TO SPONSOR 10 SEATS UNDER M.Sc (BIOTECHNOLOGY) AT JUIT

Members were appraised regarding the proposal submitted to DBT -Annexure – 21 for sponsoring seats in M.Sc. Biotechnology Program.

The Council was apprised that DBT has a restriction of allowing only 10 additional seats in non DBT category if they sponsor 10 seats through DBT. The Chairman informed that JUIT has asked DBT that JUIT will be able to take the 10 DBT sponsored seats with the condition that 20 seats under non DBT category will be allowed since seat intake for the M.Sc Program has already been advertised by JUIT in public domain.

After deliberation Academic Council approved the item in principal.

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Item No. 11 REPORTING ITEMS

The following Reporting Items were considered and noted by the Academic Council:-

- a) Submission of AQAR 2018-19 to NAAC.

Chairman appraised the members about the submission of AQAR (Annual Quality Assurance Report) for year 2018-19 to NAAC - **Annexure – 22**.

- b) Report on Implementation of NAD (National Academic Depository)

Members were appraised the status of uploaded documents (Grade-sheet,, Transcript, Provisional Degree and Final Degree Parchment) on NAD Portal upto 01.06.2020. **Annexure - 23**

Item No. 12 ANY OTHER ITEM WITH THE PERMISSION OF THE CHAIR

Introduction of MOOCs against the Core Courses.

The item listed in last ACM held on 05 September, 2019 regarding introduction of MOOCs against the Core Courses was not resolved in the last meeting. The item was again placed for reconsideration by the members of the Council. After detailed deliberation, members felt that since regulatory bodies are encouraging on-line courses, JUIT should also consider the same by offering MOOCs / Online Courses against the Core Courses. The item was resolved as under:-

MOOCs / SWAYAM / NPTEL Online Courses will be allowed against the Core Courses with the following conditions:-

1. Credit requirement of the Core Courses should match with the credit requirement of the MOOC / online courses opted by the student.
2. Maximum limit of earning credit through MOOC's / Online Courses shall be 10% of the total credits required for award of degree as per UGC Gazette Notification No. 295 dated 19 July, 2016 – (Credit Framework for Online Learning Courses through SWAYAM) – Regulation - 2016.

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

MINUTES OF THE ACADEMIC COUNCIL MEETING HELD ON 06 AUGUST, 2020 THROUGH ONLINE MODE

General

The period of COVID-19 lockdown necessitated some decisions to be taken for the students enrolled in EVEN SEMESTER – 2020. Also, approvals for various modifications being proposed in the academic schedule of 2020-21 session have to be taken by the Academic Council. Hence an emergent meeting of the Academic Council was held on 06 August, 2020 (Thursday) at 4.00 pm through online mode. The Chairman, Academic Council extended warm welcome to all the members present in the meeting.

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

Distinguished Academician nominated by the Pro-Chancellor

Dr. Satish Kumar Director, NIT Kurukshetra
Prof. Lalit Kumar Awasthi Director, NIT Jalandhar

Industry Professional nominated by the Pro-Chancellor

Lt Gen Ravindra Mohan Chadha, PVSM, AVSM (Retd.) Director, Jaiprakash Power Ventures Ltd.

The Dean of all Faculty of the University

Prof. Samir Dev Gupta Dean (Academics) & Head of Deptt. – CSE/IT

Heads of the Departments / Centres of the University

Prof. Karanjeet Singh	HoD Mathematics
Prof. P. B. Barman	HoD PMS
Prof. Ashok Kumar Gupta	HoD CE
Prof. Sudhir Kumar	HoD BT&BI
Dr. Rajiv Kumar	HoD ECE
Dr. Anupriya Kaur	HoD 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

MINUTES OF THE ACADEMIC COUNCIL MEETING HELD ON 06 AUGUST, 2020 THROUGH ONLINE MODE

Leave of Absence

Leave of absence was granted by the Chairman to the following member:-

Sh. Sunil Sharma Executive Vice Chairman, JAL

Contribution of the Outgoing Members of the Academic Council

Chairman, Academic Council recognised and expressed gratitude for the contribution made by the outgoing member Prof. M J Nigam, Former HoD ECE

Induction of New Members

Chairman, Academic Council extended warm welcome to the newly inducted member Dr. Rajiv Kumar, HoD ECE.

Agenda Items

ITEM NO. 1 **APPROVAL FOR REVISED ACADEMIC SCHEDULE DURING THE ODD SEMESTER – 2020 AND EVEN SEMESTER – 2021.**

Chairman, Academic Council informed the members that due to COVID-19 pandemic, conduct of on-campus teaching and learning activities in the forthcoming ODD SEMESTER – 2020 & EVEN SEMESTER – 2021 are being withheld. Regulatory bodies have issued several instructions for conduct of online teaching till the COVID situation subsides. Considering above and also the screen exposure time of students, it was proposed to reduce the academic load of the students to 50% - 60% of the approved load in teaching scheme for the ODD SEMESTER – 2020 & EVEN SEMESTER – 2021.

The item was considered by the Academic Council and approved as follows: -

1. Only those Theory Courses and Computer based Lab classes which are possible to be conducted online will be included during the regular semester i.e. ODD SEMESTER-2020 & EVEN SEMESTER -2021 with upper ceiling of screen time around 03 hours per day. Further, other lab classes, which are not possible during this period, are to be shifted to SUMMER SEMESTER - 2021 when the University is expected to open for in Campus activities.
2. The remaining Theory Courses of the regular semesters are to be conducted during the SUMMER SEMESTER – 2021.
3. The approved revised Academic Schedule for the ODD SEMESTER-2020 and EVEN SEMESTER-2021 are as given in **Annexure – 1**.

Dr. Satish Kumar suggested that in order to make teaching more effective for the above module of online teaching, study material like PPTs, Notes be shared among the students well in advance before the schedule of the class. Students can be asked to go through the study material at their own and come ready with their doubts / problems during the scheduled online classes.

Prof Saxena suggested inclusion of additional one hour per week interactive session



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for removing difficulties/doubts of students of each subject during the online classes.

Lt. Gen. Ravindra Mohan Chadha raised query regarding on-screen time of 2.7 hours mentioned in Annexure – 1. Chairman, Academic Council informed that actual on-screen time will be more as stipulated against each program due to Project Work & doubts clearing sessions.

ITEM NO. 2 APPROVAL FOR REPLACEMENT OF COURSES OF B. TECH. 7TH SEMESTER COMPUTER SCIENCE & ENGINEERING AND INFORMATION TECHNOLOGY.

Two courses of B. Tech. 7th Semester Computer Science & Engineering and Information Technology; **SOFTWARE TESTING AND DEBUGGING (10B1WCI515)** and **SOFTWARE TESTING AND DEBUGGING LAB (10B1WCI575)** were core courses for 2017 admitted batch.

Considering the demand and placement requirements of the students, these 02 courses were offered as Elective Courses during their 5th Semester of study. Department of CSE & IT proposed inclusion of two new courses in lieu of above two courses for B. Tech. 7th Semester Computer Science & Engineering and Information Technology during ODD SEMESTER – 2020 as under:-

Course Code	Title	Credits
18B1WCI831	DEEP LEARNING	3
20B17CI771	ADVANCED SOFTWARE SYSTEM LAB	2

Dr. Satish Kumar requested the Chairman, Academic Council for sending the detailed syllabus of Deep Learning (18B1WCI831) for his perusal.

The Academic Council approved the proposal.

ITEM NO. 3 APPROVAL FOR RESCHEDULING OF ONLINE CLASSES FOR ODD SEMESTER – 2020.

Considering the ongoing COVID situation and the schedule proposed by the Regulatory bodies i.e. AICTE / UGC, rescheduling of ONLINE classes for ODD SEMESTER – 2020 is proposed for consideration and approval of the Council.

Program / Year	Commencement of online Classes
Ph. D	17 August, 2020
M. Tech. 2 nd Year	17 August, 2020
M. Sc. 2 nd Year	17 August, 2020
B. Tech. 2 nd , 3 rd & 4 th Year	17 August, 2020
New Entrants (1 st Year)	01 September, 2020
Ph.D. / M. Tech. / M.Sc. / B. Tech.	

The Council considered and approved.



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**ITEM NO. 4 APPROVAL FOR RUNNING ONE TO ONE COURSES FOR THOSE
B. TECH. STUDENTS WHO HAVE COMPLETED 4 YEARS DURATION OF
STUDY AND HAVE NOT ACQUIRED 195 CREDITS TOWARDS AWARD
OF DEGREE.**

B. Tech. students admitted during the year 2015 & 2016 have already completed the stipulated duration of 4 years of study but some of the students could not acquire 195 credits as required for the award of Degree. As Summer semester during summer 2020 could not be conducted for students having backlog courses, it is proposed to run One to One Courses of duration of two months starting from 17 August, 2020 for these students. The item was considered by the Council and approved as under:-

**1. ONE TO ONE COURSES (Two Months Duration commencing from
17 August, 2020):**

Students in 5th & 6th year, who are short of credits towards award of degree, are allowed to take courses on one-to-one basis. Students can register for not more than 03 courses with a upper ceiling of 12 credits; irrespective of industrial training having been completed or in the process of completion. Evaluation of such courses is done through one Mid Term & End Term Examinations.

2. COURSES ON OFFER DURING REGULAR SEMESTER:-

Those students, who are short of credits towards award of degree, and are not able to complete 195 credits by attending ONE TO ONE COURSES as stated above, can register during the regular semester subject to the courses on offer for the same. In case there are students who have to register for backlog courses not being offered during regular semester they can opt for courses on ONE TO ONE basis with a upper ceiling of 02 courses with the special permission of the Vice Chancellor. Such courses will run for the whole semester and regular evaluation will be done on the basis of T1, T2 & T3 Examinations.

3. REGISTRATION TO 5TH & 6TH YEAR

In case students still fail to acquire the minimum required 195 credits towards award of degree during the ODD Semester by availing any one of the above two options, they will have to register for the regular semester in 5th year / 6th year.

**ITEM NO. 5 APPROVAL FOR COURSE STRUCTURE AND SYLLABI OF DBT
SUPPORTED M. SC. BIOTECHNOLOGY PROGRAM.**

Ten seats to M.Sc. Biotechnology Program from the Academic Year – 2020-21 were approved by the Department of Biotechnology (DBT) under DBT supported program. As per mandate conditions of the DBT, students enrolled against the DBT supported seats have to follow the course structure / syllabi as prescribed by the DBT for such students.

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Thus, the proposed course structure and syllabi shall remain common to all students of JUIT, Wajnaghat admitted in M. Sc. Biotechnology program in year 2020-21, irrespective of either admitted against DBT supported seat or NON DBT supported seat.

The council considered the proposed course structure and syllabi for M.Sc. Biotechnology program and approved the same as given in **Annexure -2**.

ITEM NO. 6 APPROVAL FOR RESPONSIBILITIES ASSIGNED TO FACULTY MEMBERS IN ODD SEMESTER 2020-21.

Most of the academic activities are expected to be carried out in on-line mode during the ODD SEMESTER – 2020 due to COVID and as per the guidelines of the regulatory bodies. Procedure and evaluation of engagement of faculty members during the ODD SEMESTER-2020-21 has been proposed under four parameters. Percentage weightage is assigned to each parameter and evaluation will be done according to the self appraisal of individual faculty and vetting will be done by the HoD concerned / Dean.

The proposed parameters and weightage assigned to each parameter were considered by the Council and approved as under:-

TEACHING, TRAINING & EVALUATION (50% WEIGHTAGE)

- Preparation of quality PPT slides. About 8 – 10 PPT slides for each lecture class of 55 minutes duration.
- 5 MCQ type questions for each lecture class.
- Regular assessment of tutorial sheets and their return to students.
- There will be additional hour / week interactive session for removing difficulties for each subject.
- Each faculty will complete 2 virtual labs of his / her concerned speciality of his / her department. Prior approval of HoD will be required before taking up the activity of the virtual labs.
- Development of a new course in emerging area of his / her specialization along with preparation of PPT slides for the whole course. Prior approval of the Dean (Academics) is to be taken for this activity.

RESEARCH & DEVELOPMENT AND IPR (30% WEIGHTAGE)

- Publication of at least one Scopus / SCI indexed research paper in a journal by every faculty member in each semester.
- If there is more than one author in a paper, then weightage will be distributed amongst the authors.
- Regular guidance to Ph.D scholars, if someone is supervising Ph.D.
- Patents submitted, published and granted.
- Govt. funded research projects / consultancy projects – on going / new assigned.

PROFESSIONAL DEVELOPMENT (20% WEIGHTAGE)

- Conduction, participation and / or coordination of on-line FDP, Seminars, Conferences, Short Term Training Courses, Refresher Courses, Webinar, Summer Schools, Talks, Lectures, etc.



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- Book writing / Chapter writing in a quality book of reputed publisher.
- One course of SWAYAM or NPTEL is to be completed by each faculty member in each semester. Prior approval of the Dean (Academics) is to be taken before undertaking development of such courses.
- Delivery / conduction / attending of Webinar of concerned areas.

ADMINISTRATIVE ASSIGNMENTS (0% TO 100% WEIGHTAGE)

- Due weightage will be given to such assignments, as per the degree of involvement and time spent.

Proforma for filling up the activities by each faculty member every week for all the above parameters is as given in **Annexure – 3**.

Procedure:-

- HoD will check the weekly chart of each teacher and forward the same with comments to Dean (Academics) at the end of each week.
- Dean (Academics) will give the recommendations to Vice Chancellor by 22nd Day of each month clearly indicating the involvement and regularity of each faculty in these activities.
- Based on the engagement, the number of working days of each teacher will be approved by the Vice Chancellor and sent to the Registry for further necessary action.

Prof. Saxena stressed over the professional development of the faculty.

Dr. Satish Kumar suggested for inclusion of Research Projects from Govt. funding agency under IPR contribution.

ITEM NO. 7 REPORTING ITEMS

The following Reporting Items were considered and noted to the Academic Council:-

7.1 Promotion of students of intermediate Semester of 2019-20 to the next semester. (7.1.1 - B. Tech 2nd, 4th, 6th Semester / M. Tech. 2nd Semester / M.Sc. 2nd Semester, 7.1.2 - Promotion to Next Semester)

Evaluation of 65% of component of assessment has already been done through T1 (on-campus), T2 (On-line) and TA (Internal). Assessment of balance 35% of the component of assessment towards T3 marks for the students of intermediate semesters done on the basis of previous semester SGPA i.e. T3 Marks = ((Previous Semester SGPA/10)*35). Results of the students declared by 18 July, 2020 and students promoted to next semester.

This proposal is keeping in view the guidelines issued by the UGC vide letter No. F.1-1/2020(Secy) dated 29 April, 2020.

The Academic Council considered and approved the same.



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7.2. Examination of Final Year Students. (7.2.1 – B. Tech. Final Year Students, 7.2.2 – Backlog Examinations of B. Tech. Final Year Students, 7.2.3 – M. Tech. 4th Semester Students, 7.2.4 – Ph.D Students)

Evaluation of 65% of component of assessment has already been done through T1 (on-campus), T2 (On-line) and TA (Internal). Assessment of rest 35% of the component of assessment towards T3 marks is to be done through online proctored Examination for final year students in two phases alongwith backlog courses. Result of the same declared by 06 July 2020 for first phase and by 21 July 2020 for second phase examination.

This proposal is keeping in view the revised guidelines issued by the UGC vide letter No. F.1-1/2020(Secy) dated 29 April, 2020 and 06 July 2020.

Project / Dissertation of the M. Tech. Final year students were conducted in online mode and results were declared on 20 June, 2020.

DPMC of the Ph.D scholars is being conducted in online mode and on the recommendation of the Dean's Committee, Ph.D Scholars are being promoted to the next semester. Final defence of 09 Ph.D scholars conducted in online mode.

The Academic Council considered and approved.

7.3 Evaluation of MOOC Courses

Students having pass certificate issued by NPTEL and who have given their consent for option 1 i.e. PASS grade were considered for declaration of the result. Pass grade is not being considered towards calculation of SGPA / CGPA. However, credits of the course(s) counted towards the total credits for award of degree. Total 22 students were registered for MOOCs courses out of which 16 students gave their consent and they have been declared pass. Rest 06 students were awarded with "I" grade (Incomplete) in the registered MOOCs courses.

7.4 Teaching Assistance ship / Fellowship to Ph.D Students

Due to COVID-19 lockdown, Teaching assistance-ship / fellowship to Ph.D students was on hold for the month of March, April, May as scholars did not attended the University during the duration. On the recommendation of the Sub Committee of the Academic Council, fellowship of the scholars was approved and released as under:-

JUIT Funded Teaching Assistance-ship: It has two components i.e. Research Component - 60% and Teaching Component - 40%, so Research Component i.e. 60% of fellowship was released.

Govt. / Project Funded Fellowship: Full fellowship was released as scholars were involved in research as well as in the project work.



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ITEM NO. 8 ANY OTHER ITEM WITH THE PERMISSION OF THE CHAIR

Prof Saxena informed the members about the **New Education Policy** and provisions therein. He suggested that even if later on-campus activities are allowed, University should adopt 25% to 30% teaching through online mode in their regular Curriculum.

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

MINUTES OF THE ACADEMIC COUNCIL MEETING HELD ON 29 DECEMBER, 2020 THROUGH ONLINE MODE

General

Academic Council meeting of Jaypee University of Information Technology, Waknaghat was held on 29 December, 2020 at 11.30 a.m. in online mode through Google Meet. The Chairman, Academic Council extended warm welcome to all the members present in the meeting and expressed thanks to Sh Sunil Sharma Ji, Prof. S. C. Saxena, Prof. Lalit Kumar Awasthi and Lt. Gen Ravindra Mohan Chadha, PVSM, AVSM (Retd.) for their presence. The detailed agenda of the meeting was presented for deliberation and decision of the Academic Council.

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

Distinguished Academician nominated by the Pro-Chancellor

Prof. Lalit Kumar Awasthi Director, NIT Jalandhar

Industry Professional nominated by the Pro-Chancellor

Sh. Sunil Sharma, Executive Vice Chairman, Jaiprakash Associates Ltd.
Lt Gen Ravindra Mohan Chadha, Director, Jaiprakash Power Ventures Ltd.
PVSM, AVSM (Retd.)

The Dean of all Faculty of the University

Prof. Samir Dev Gupta Dean (Academics) & Head of Deptt. – CSE/IT

Heads of the Departments / Centres of the University

Prof. Karanjeet Singh	HoD Mathematics
Prof. P. B. Barman	HoD PMS
Prof. Ashok Kumar Gupta	HoD CE
Prof. Sudhir Kumar	HoD BT&BI
Dr. Rajiv Kumar	HoD ECE
Dr. Anupriya Kaur	HoD HSS



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Professors other than Heads of Departments

Prof. Sunil Kumar Khah
Prof. Ashish Kumar

Deptt. of PMS
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 by the Chairman to the following member:-

Dr. Satish Kumar Director, NIT Kurukshetra

Agenda Items

ITEM NO. 1 CONFIRMATION OF MINUTES OF LAST MEETINGS OF THE ACADEMIC COUNCIL

Minutes of the meeting of the last ACM held on 04 June 2020 and 06 August 2020 were forwarded to the members and no comments were received. The minutes of the last ACM as per **Annexure – 1** and **Annexure – 2** were confirmed.

ITEM NO. 2 ACTION TAKEN REPORT

The action taken on the items resolved in the last ACM dated 04 June 2020 and 06 August 2020 were noted by the members. (**Annexure – 3** and **Annexure – 4**)

ITEM NO. 3 APPROVAL FOR INTRODUCTION OF NEW COURSES / MODIFICATION IN EXISTING COURSE STRUCTURE / DETAILED SYLLABUS

3.1 DEPARTMENT OF BIOTECHNOLOGY & BIOINFORMATICS

3.1.1 Introduction of Elective – I and Elective – II for M.Sc (Biotechnology) Program for 2020 onward batches.

Chairman, Academic Council informed that Department of Biotechnology & Bioinformatics through its BoS held on 05.12.2020 had recommended inclusion of Elective Courses for M.Sc (Biotechnology) program for batches admitted 2020 onward as Elective – I and Elective – II. After detailed deliberation, the following Elective Courses were approved by the Academic Council:-



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Name of Course	Elective Basket	Semester	Credits
Nanobiotechnology – MII	Elective-I	Second	02
Environmental Biotechnology – MII	Elective-I	Second	02
Protein Engineering MII	Elective-I	Second	02
Vaccines MIV	Elective-II	Fourth	02
Drug Discovery and Development MIV	Elective-II	Fourth	02
Computational Systems Biology MIV	Elective-II	Fourth	02

Students have to opt for One Elective out of three courses given above during second and fourth semester.

3.1.2 Change in nomenclature of two Courses of M.Sc (Biotechnology).

Members were informed that Department of Biotechnology & Bioinformatics through its BoS held on 05.12.2020 has proposed for changes in nomenclature of two Courses of M.Sc (Biotechnology) Program. After detailed deliberation, the following changes in the nomenclature of the courses M.Sc (Biotechnology) 1st Semester and 3rd Semester were approved by the Academic Council:-

M.Sc 1st Semester

Existing Nomenclature	Approved change in Nomenclature
Laboratory II: General - Microbiology-MI	Laboratory II: Microbiology-MI

M.Sc 3rd Semester

Existing Nomenclature	Approved change in Nomenclature
Bioprocess Technology and Engineering -MIII	Bioprocess Engineering and Technology-MIII

MINUTES OF THE ACADEMIC COUNCIL MEETING HELD ON 29 DECEMBER, 2020 THROUGH ONLINE MODE

3.1.3 M.Tech (Biotechnology) with specialization in Industrial Biotechnology and Medical Biotechnology

Chairman, Academic Council informed the members that Department is running M.Tech (Biotechnology) program. Since last 3 – 4 years there are inadequate numbers of admissions viz-a-viz sanctioned intake of the PG program. This is adversely affecting NIRF ranking of the University.

Considering the above facts, Department has proposed through its BoS held on 05.12.2020 for offering M.Tech (Biotechnology) program with two more specializations i.e. Industrial Biotechnology and Medical Biotechnology from the Academic Session 2021-22 so as to make the programs more demanding. However, the sanctioned intake of the program will remain unchanged i.e. 18 seats including newly proposed two specializations.

Students desirous of pursuing specialization will be required to:-

- Select 3rd & 4th Semester Seminar topics from the area of specialization.
- Select 3rd & 4th Semester Project Thesis Part I and Project Thesis Part II from the area of specialization.
- Opt for at least two Elective Courses in the area of specialisation as per given specialization:-

Specialisation	Code	Credits	Course
Industrial Biotechnology	20M1WBT131	03	Food Processing & Engineering (1 st Sem)
	20M1WBT132	03	Plant Tissue Culture Technologies (1 st Sem)
	20M1WBT231	03	QC Analysis and Management (2 nd Sem)
	20M1WBT232	03	Industrial Enzyme Technology (2 nd Sem)
Medical Biotechnology	20M1WBT133	03	Vaccine Production (1 st Sem.)
	20M1WBT134	03	Advances in Gene Manipulations (1 st Sem.)
	20M1WBT233	03	Cancer Biology (2 nd Sem.)
	20M1WBT234	03	Clinical Diagnostics (2 nd Sem.)

MINUTES OF THE ACADEMIC COUNCIL MEETING HELD ON 29 DECEMBER, 2020 THROUGH ONLINE MODE

Prof. S. C. Saxena suggested for inclusion of internship provisions in the PG program as it will open the placement opportunities for the PG students.

Members considered the recommendations of the BoS of the Department and approved the same.

3.1.4 Introduction of new Post Graduate Program M.Sc (Microbiology) in place of existing M.Sc (Bioinformatics) Program

M.Sc Programs in four disciplines i.e. M.Sc (Biotechnology), M.Sc (Bioinformatics), M.Sc (Physics) and M.Sc (Statistics) were introduced in the Academic Session 2018-19. Since introduction of M.Sc Programs, only M.Sc (Biotechnology) program is attracting reasonable number of admissions and there is no admission to other three M.Sc programs since its inception.

Considering the fact, Department of Biotechnology & Bioinformatics through its BoS held on 05.12.2020 recommended for introduction of M.Sc (Microbiology) Program with a sanctioned intake of 30 seats from Academic Session 2021-22 in place of existing M.Sc (Bioinformatics) program. The course structure of M.Sc (Microbiology) is as given in **Annexure – 5**.

Academic Council considered the recommendations and approved introduction of M.Sc (Microbiology) in place of M.Sc (Bioinformatics) from Academic Session 2021-22 with sanctioned intake of 30 seats to the program.

3.2 DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING / INFORMATION TECHNOLOGY

3.2.1 Introduction of one more specialization in M.Tech (Computer Science & Engineering) with specialization in Data Science.

Department of Computer Sc. & Engineering & Information Technology is running M.Tech (Computer Sc. & Engg.) and M.Tech (Computer Sc. & Engg.) with specialization in (Information Security) with a sanctioned intake of 18 seats in each program. During last 3 years there are inadequate number of admissions to the M.Tech (CSE) program and no admissions to M.Tech (CSE) (IS) program.

Considering the number of admissions to the program, Department has proposed for introduction of one more specialization in M.Tech (Computer Sc. & Engg.) with specialization in Data Science from the Academic Session 2021-22.

Academic Council considered the proposal of the Department and in principle approved introduction of one more specialization in M.Tech (Computer Sc. & Engg.) with specialization in Data Science. However, the sanctioned intake of M.Tech (Computer Sc. & Engg.) Program including two specializations i.e. (Information



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Security) and (Data Science) shall remain as 18 seats only.

Since the item was not moved / recommended through the BoS of the Department, the same has to be moved / recommended through the Departmental BoS alongwith detailed Course Structure and Syllabi of the newly proposed M.Tech (CSE) with specialization in Data Science.

Prof. Lalit Kumar Awasthi, Director – NIT Jalandhar suggested introduction of specialization in Artificial Intelligence considering the scope of the program. Chairman, Academic Council informed the members that Department has already proposed for One Year Certificate Course in Artificial Intelligence and Machine Learning.

3.2.2 Introduction of One Year Certificate Course in Artificial Intelligence and Machine Learning.

Chairman, Academic Council informed the members about the letter received from Chairman, HPPERC (D.O. Letter No. HP-PERC11806 dated 05 October, 2020) wherein he has requested for initiating Skill Development Courses in the University for building additional capabilities of Diploma, UG & PG students so as to match with the industry needs.

Considering the request, Departments of Civil Engg., Biotechnology & Bioinformatics, Computer Sc. & Engg and Information Technology and Humanities & Social Sciences have offered various Skill Development Certificate Courses of different durations.

In Principle approval of the Academic Council was sought for introduction of such skill development certificate courses.

Prof. S. C. Saxena observed that the item had not been moved through the BoS of the Department and Entry level qualification, course contents, duration of the course etc. had yet to be worked out. He suggested the detailed proposal be submitted for approval by the Academic Council. Academic Council in principle approved the item.

Prof. Lalit Kumar Awasthi, Director – NIT Jalandhar suggested introduction of PG Diploma with certain specific credits and certificate alongwith credits earned for each course / component.

Academic Council considered the suggestion and directed to come up with detailed proposal in next Academic Council meeting.



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3.2.3 Approval for Course Structure of Open Electives for B.Tech (Computer Sc. & Engineering) & B.Tech (Information Technology) Programs.

Department of Computer Sc. & Engineering and Information Technology through its BoS held on 15.12.2020 has recommended for approval of the Course Structure of Open Electives for students of other than CSE & IT.

Academic Council considered the recommendation of the Departmental BoS and approved the Course Structure of Open Electives as given in **Annexure – 6**.

3.2.4 Approval for detailed syllabus of Open Electives for B.Tech (Computer Sc. & Engg.) and B.Tech (Information Technology) Program.

Department of Computer Sc. & Engineering and Information Technology through its BoS held on 15.12.2020 has recommended for approval of the detailed syllabus of Open Electives for students of other than CSE & IT.

Academic Council considered the recommendation of the Departmental BoS and approved the detailed syllabus of Open Electives as given in **Annexure – 7**.

3.2.5 Approval for detailed syllabus of Proficiency Courses of B.Tech (Computer Sc. & Engg.) and B.Tech (Information Technology) Programs.

Department of Computer Sc. & Engineering and Information Technology through its BoS held on 15.12.2020 has recommended for approval of the detailed syllabus of Proficiency Courses of B.Tech (Computer Sc. & Engg.) and B.Tech (Information Technology).

Academic Council considered the recommendation of the Departmental BoS and approved the detailed syllabus of Proficiency Courses of B.Tech (Computer Sc. & Engg.) and B.Tech (Information Technology) as given in **Annexure – 8**.

3.2.6 Approval for change in detailed syllabus of Multimedia Development Lab – II. for B.Tech (CSE & IT)

Department of Computer Sc. & Engineering and Information Technology through its BoS held on 15.12.2020 has recommended for change in detailed syllabus of Multimedia Development Lab-II for B.Tech (CSE & IT).

Academic Council considered the recommendation of the Departmental BoS and approved the change in detailed syllabus of Multimedia Development Lab-II is as given in **Annexure – 9**.



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3.2.7 Approval for change in the nomenclature of the Elective-I Courses of B.Tech (Information Technology)

Department of Computer Sc. & Engineering and Information Technology through its BoS held on 15.12.2020 has recommended for change in the nomenclature of the Elective – I Courses of B.Tech (Information Technology).

Academic Council considered the recommendation of the Departmental BoS and approved the change in the nomenclature of the Elective-I Courses of B.Tech (Information Technology) as under:-

Existing Nomenclature	Approved change in nomenclature
Computer Graphics	- Computer Graphics and its Applications (20B1WCI733)
Computer Graphics Lab	- Computer Graphics and its Applications Lab (20B17CI773)

The detailed syllabus of the courses with changed nomenclature is given in Annexure – 10.

3.2.8 Approval for change in the title of the Project of B.Tech (Computer Sc. & Engg.) and B.Tech (Information Technology) program for batches 2018 onwards.

Department of Computer Sc. & Engineering and Information Technology through its BoS held on 15.12.2020 has recommended for change in the title of the Project of B.Tech (Computer Sc. & Engg.) and B.Tech (Information Technology) programs for batches 2018 onwards.

Academic Council considered the recommendation of the Departmental BoS and approved the change in the title of the Project of B.Tech (CSE) and B.Tech (IT). The approved changes are as under:-

6th Semester Project – I to be stated as Minor Project

7th Semester Project – II to be stated as Major Project – I

8th Semester Project – III to be stated as Major Project – II



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3.3 DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

3.3.1 Introduction of New Undergraduate Program B.Tech in Electronics and Computer Engineering with an intake of 60 seats.

Department is running B.Tech (Electronics & Comm. Engg.) program which is not attracting sufficient number of admissions to the program and continuous downfall in number of admissions to the program is observed since last 3 to 4 years. Earlier the sanctioned intake of the program was 120 and considering the shortfall in the number of admissions to the program the sanctioned intake was reduced to 60 seats. This year also admitted strength was only 20 students against 60 sanctioned seats to the program.

Considering the above facts, the Department through its BoS held on 12.12.2020 recommended for introduction of B.Tech in Electronics & Computer Engineering with an intake of 60 seats to the program from the Academic Session – 2021-22.

Academic Council considered the recommendation of the Departmental BoS and approved introduction of new undergraduate program B.Tech in Electronics and Computer Engineering with sanctioned intake of 60 seats to the program in addition to existing B.Tech (Electronics & Comm. Engg.) from the Academic Session 2021-22. The detailed Course Structure of the program is as given in **Annexure – 11**.

Prof. S. C. Saxena suggested teaching of CSE related basic courses by involvement of existing faculty of ECE department having expertise of the subject. Faculty for newly introduced UG courses should be worked out and recruitment be done considering the course content of the UG program.

3.3.2 Approval for changes in the Course Structure of M.Tech (Electronics & Communication Engg.) Program.

Department of Electronics and Communication Engineering through its BoS held on 12.12.2020 has recommended for change in the Course Structure of M.Tech (Electronics & Comm. Engg.) program for the Academic Session – 2021-22.

Academic Council considered the recommendation of the Departmental BoS and approved the change in the Course Structure of M.Tech (Electronics & Comm.Engg.) program from the Academic Session – 2021-22. The approved Course Structure of the Program is as given in **Annexure – 12**.



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3.3.3 Introduction of M.Tech (Electronics & Comm. Engg.) with specialisation in Internet of Things (IoT) in the existing M.Tech Program in Electronics & Comm. Engg.

Department of Electronics & Communication Engineering is running M.Tech (Electronics & Comm. Engg.) Program with a sanctioned intake of 18 seats. M.Tech in (Electronics & Comm. Engg.) is not attracting admissions to the program since last four academic sessions i.e. from 2017-18 onwards.

The Department through its BoS held on 12.12.2020 recommended introduction of M.Tech (Electronics & Comm. Engg.) with specialization in Internet of Things (IoT) from the Academic Session 2021-22.

Academic Council considered the recommendations of Departmental BoS and approved introduction of M.Tech (Electronics & Comm. Engg.) with specialization in Internet of Things (IoT) from the Academic Session 2021-22. However, the sanctioned intake of M.Tech (Electronics & Comm. Engg.) Program including specialization i.e. (Internet of Things) shall remain 18 seats only. The detailed Course Structure of M.Tech (Electronics & Comm. Engg.) with specialization in Internet of Things is given in **Annexure – 13**.

3.3.4 Approval of detailed syllabi of Proficiency Courses of B.Tech (Electronics & Comm. Engg.) Program.

Department of Electronics and Communication Engineering through its BoS held on 12.12.2020 has recommended for approval of detailed syllabi of Proficiency Courses of B.Tech (Electronics & Comm. Engg.) Program.

Academic Council considered the recommendation of the Departmental BoS and approved the detailed syllabi of Proficiency Courses of B.Tech (Electronics & Comm. Engg.) Program. The approved detailed syllabus of Proficiency Courses is given in **Annexure – 14**.

3.3.5 Approval for new Courses and Syllabus for PG Program.

Department of Electronics and Communication Engineering through its BoS held on 12.12.2020 has recommended for approval of new courses and syllabus for PG program.

Academic Council considered the recommendation of the Departmental BoS and approved new courses and syllabus for PG programs. The approved new courses and its syllabus is given in **Annexure – 15**.

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3.4 DEPARTMENT OF HUMANITIES AND SOCIAL SCIENCES

3.4.1 Introduction of BBA (Bachelor of Business Administration) Program from Academic Year 2021-22 with a sanctioned intake of 90 seats.

In order to provide multidisciplinary approach and diversity mandated by New Education Policy and to open a channel of admission for Business and Management courses for students who have done 10+2 and are interested in taking Management Degree as a career, Department of Humanities and Social Sciences has proposed for introduction of BBA (Bachelor of Business Administration Program) from the Academic Year 2021-22 with a sanctioned intake of 90 seats to the program.

Academic Council considered the proposal of the Department and in principle approved introduction of BBA (Bachelor of Business Administration) program from the Academic Session -2021-22. The detailed proposal of the department is given in **Annexure – 16**.

The Academic Council directed that the same must be moved / recommended through the Departmental BoS alongwith details of entry level qualification, mode of admission, selection criteria, no. of seats, Fee structure, Credit requirement, Course Structure and syllabi of the newly proposed BBA program.

ITEM NO. 4 APPROVAL OF THE MINUTES OF MEETING OF BOARD OF STUDIES (BoS) OF DEPARTMENTS

- 4.1 Academic Council considered the Minutes of Board of Studies (BoS) of Department of Biotechnology / Bioinformatics held on 05.12.2020 as given in **Annexure – 17** and noted the contents.
- 4.2 Academic Council considered the Minutes of Board of Studies (BoS) of Department of Computer Sc. & Engg. and Information Technology held on 15.12.2020 as given in **Annexure – 18** and noted the contents.
- 4.3 Academic Council considered the Minutes of Board of Studies (BoS) of Department of Electronics & Comm. Engg. held on 12.12.2020 as given in **Annexure – 19** and noted the contents.



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ITEM NO. 5 **REPORTING ITEMS**

The following Reporting Items were considered and approved by the Academic Council:-

5.1 To ratify admission status for the Academic Session 2020-21.

Chairman apprised the members about the admission status for the Academic Session 2020-21.

5.2 Implementation of NAD (National Academic Depository) through Digilocker.

Members were apprised about the implementation of NAD through Digilocker and status of uploaded documents. The format of Final Degree Parchement as per Digilocker is as given in **Annexure – 20**.

5.3 Printing of Degree Parchment

Chairman apprised the members about the status of printing of Degree Parchment. Total 461 degree parchments were printed and are ready for dispatch to the students. Degree Scroll is as given in **Annexure – 21**.

5.4 Document Retention Policy for the Alumni.

Members were apprised about the document retention policy for the alumni wherein some important documents for retention were identified and unwanted folios were discarded. The proceedings of the Committee constituted for segregation is as given in **Annexure – 22**.

5.5 Classification of Files maintained at Registry.

Chairman apprised the members about the classification of files maintained at Registry considering the importance of the documents and retention period of the file. Details of files maintained by each individual staff alongwith approved classification are as given in **Annexure – 23**.

5.6 Repolishing of Medals of Merit.

Members were apprised about the repolishing of Medals of Merit which had deteriorated due to long storage.

5.7 Annual Report.

Members were apprised about the printing of Annual Report of JUIT for 2018-19 and 2019-20 and submission to Regulatory Body and Govt. of H.P. in compliance to JUIT Act.

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5.8 Placement Status 2020 passed out batch and 2021 passing out batch.

Members were apprised of the placement status for 2020 passed out batch and 2021 passing out batch. The placement status of 2020 passed out batch is as given in **Annexure – 24** and for 2021 passing out batch is as given in **Annexure – 25**.

5.9 Teaching learning process for ODD Semester 2020.

Members were informed about the teaching learning process adopted for the ODD Semester 2020 separately for intermediate students and newly admitted students.

5.10 Change in nomenclature of two courses of Minor in Information Technology.

Members were apprised about the change in nomenclature of two courses of Minor in Information Technology. The approved changes are as under:-

Existing Nomenclature	Approved changes in Nomenclature
Software Engineering (3 Credits)	Software Engineering Practices (3 Credits)
Software Engineering Lab (2 Credits)	Software Engineering Practices Lab (2 Credits)

Approval of the Chairman, Academic Council is as given in **Annexure – 26**.

ITEM NO. 6 ANY OTHER ITEM WITH THE PERMISSION OF THE CHAIR

Sh. Sunil Sharma Ji, Executive Vice Chairman, JAL appreciated the efforts being made for improving the academic content and quality. He also suggested the following:-

1. Certain valuable inputs had been forwarded by Academic Council members to enhance the academic standards and practices so as to improve University rankings. These inputs must be shared with other members too. The Chairman informed that he is compiling the inputs received from the members and will share the same.
2. Need for restructuring of the Course Structure considering demand of the industry so as to make students more employable in the industry. Practical sessions to provide hands on experience should be incorporated in the course structure.
3. There is a need to develop skill development courses within the University considering the entrepreneurship needs of the region of Himachal, Chandigarh, Punjab and other adjoining areas so as to motivate the youth for self employment.

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4. The alumni network should be capitalised for enhancing the perception of the University.
5. Courses where sufficient number of admissions are not forthcoming should either be dropped or outflow of expenses on such courses to be minimized.
6. Introduction of MBA program can be evaluated for commencement.

Lt Gen Ravindra Mohan Chadha, PVSM, AVSM (Retd.) suggested for following:-

1. Need to explore admission of defence personnel in PG programs.
2. Placement initiatives should be carried out by nominating a dedicated team for such purpose.
3. Efforts for placement drive under University Entry Scheme should be made to place the students in Defence Services Technical Arms / Services.

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



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General

Academic Council meeting of Jaypee University of Information Technology, Wanknaghat was held on 28 July, 2021 at 11.00 a.m. in online mode through Google Meet. The Chairman, Academic Council extended warm welcome to all the members present in the meeting and expressed thanks to Sh Sunil Sharma, Prof. S. C. Saxena, Prof. Lalit Kumar Awasthi and Lt. Gen Ravindra Mohan Chadha, PVSM, AVSM (Retd.) for their presence.

Chairman – Academic Council informed the members about inclusion of two members in new capacity:-

- Prof. Ashok Kumar Gupta was earlier member of Academic Council in the capacity of Head Civil Engg Department has been included as Dean upon assuming appointment of Prof. of Civil Engineering and Dean (Academics & Research)
- Prof. Ashish Kumar was earlier member of Academic Council as Professor other than Heads of Department has been included as Head of Civil Engineering Department as he has assumed the appointment Head Civil Engg. Deptt. .

The detailed agenda of the meeting was presented for deliberation and decisions of the Academic Council.

Attendance

The following members were present:-

Chairman

Prof. Vinod Kumar Vice Chancellor, JUIT, Wanknaghat

Head of the Other Institution of the Trust

Prof. S. C. Saxena Pro-Chancellor, JIIT, Noida

Distinguished Academician nominated by the Pro-Chancellor

Prof. Lalit Kumar Awasthi Director, NIT Jalandhar

Industry Professional nominated by the Pro-Chancellor

Sh. Sunil Sharma Executive Vice Chairman, Jaiprakash Associates Ltd.
Lt Gen Ravindra Mohan Chadha, Director, Jaiprakash Power Ventures Ltd.
PVSM, AVSM (Retd.)

The Dean of all Faculty of the University

Prof. Samir Dev Gupta Dean (Academics) & Head of Deptt. – CSE/IT
Prof. Ashok Kumar Gupta Dean (Academics & Research)

Heads of the Departments / Centres of the University

Prof. Karanjeet Singh HoD Mathematics
Prof. P. B. Barman HoD PMS
Prof. Sudhir Kumar HoD BT&BI

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Prof. Ashish Kumar HoD CE
Dr. Rajiv Kumar HoD ECE
Dr. Anupriya Kaur HoD HSS

Professors other than Heads of Departments

Prof. Sunil Kumar Khah Deptt. of PMS

Non-Member Secretary

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

Leave of Absence

Leave of absence was granted by the Chairman to the following member:-

Dr. Satish Kumar Director, NIT Kurukshetra

Agenda Items

ITEM NO. 1 CONFIRMATION OF MINUTES OF LAST MEETINGS OF THE ACADEMIC COUNCIL

Minutes of the meeting of the last ACM held on 29 December 2020 were forwarded to the members and no comments were received. The minutes of the last ACM as per **Annexure – 1** were confirmed.

ITEM NO. 2 ACTION TAKEN REPORT

The action taken on the items resolved in the last ACM dated 29 December 2020 were noted by the members.

ITEM NO. 3 APPROVAL FOR INTRODUCTION OF BRIDGE COURSES FOR B.TECH 1ST YEAR STUDENTS TO BE ADMITTED IN ACADEMIC SESSION 2021-22 & 2022-23.

Due to COVID-19 Pandemic during the Academic Session 2020-21 some of the important portions of class 12th syllabus were dropped by the CBSE, which was essential for the students to be enrolled to B. Tech Programs.

A committee under the Chairmanship of Prof Rajiv Saxena, Vice Chancellor, JU Anoopshahr was formed to design course contents of the Bridge Courses.

After detailed deliberation, the Academic Council approved the following Bridge Courses to be offered during the B.Tech 1st Semester for students to be admitted in the Academic Year – 2021-22 and 2022-23.

Courses	For	Contents
Bridge Course 1 (30 Hrs.)	CSE, IT, ECE, ECM	Physics (10 Hrs.) and Maths (20 Hrs.)
Bridge Course 2 (30 Hrs.)	BT, BI	Physics (10 Hrs.) and Biology (20 Hrs.)

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Bridge Course 3 (40 Hrs.)	Civil	Physics (10 Hrs.), Maths (20 Hrs.) and Chemistry (10Hrs.)
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The above branch specific Bridge Courses will be Audit courses and mandatory for the students to pass and qualify.

Course contents and topics of the courses are as per **Annexure – 2** and detailed lecture plan is as per **Annexure – 3**.

ITEM NO. 4 APPROVAL FOR FAST TRACK SEMESTER FOR STUDENTS HAVING SHORT OF CREDITS UPTO 12 CREDITS TOWARDS AWARD OF DEGREE AS A ONETIME SPECIAL PERMISSION DUE TO COVID PANDEMIC.

For the Academic Year-2020-21, Summer Semester could not be conducted due to deferred courses of ODD & EVEN SEMESTER of Academic Session 2020-21 which were offered to all regular students during the EXTENDED SEMESTER-2021. Some of the students of 2015, 2016 & 2017 batches are having upto 12 credits short towards award of degree requirement due to their backlog courses.

A onetime special permission considering COVID Pandemic for all such student is sought to offer the backlog courses in the FAST TRACK Semester for students having upto 12 credits short so that they may be able to complete the requirement for award of degree by 30 September 2021.

The following was proposed:-

Semester Schedule: 16 August 2021 to 25 September 2021

Evaluation Scheme: Mid Term Examination (40 Marks) and End Term Examination (60 Marks).

After detailed deliberations, members unanimously agreed to the proposal and approved FAST TRACK Semester for students having upto 12 credits short for 2015, 2016 and 2017 batches as one time measure.

ITEM NO. 5 APPROVAL – POLICY FOR RETENTION OF FACULTY FEEDBACK FORMS.

Faculty Feedback is taken from the students in every semester i.e. ODD SEMESTER & EVEN SEMESTER each year. No defined policy for retention of Faculty Feedback forms is available as of now.

At present hard copies of the faculty feedback forms for the following semesters are available in our record room:-

- EVEN SEMESTER-2017-18
- ODD SEMESTER-2018-19
- EVEN SEMESTER-2018-19
- ODD SEMESTER-2019-20

In order to maintain the records of the Faculty Feedback for last 05 academic years, summary sheets of Faculty Feedback were retrieved from the Campus Connect for the following Academic Years:-

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Academic Year	Semester	Remarks
2016-17	ODD SEMESTER EVEN SEMESTER	Summary sheet retrieved from Campus Connect
2017-18	ODD SEMESTER EVEN SEMESTER	Summary sheet retrieved from Campus Connect
2018-19	ODD SEMESTER EVEN SEMESTER	Summary sheet retrieved from Campus Connect
2019-20	ODD SEMESTER EVEN SEMESTER	ODD SEMESTER Summary sheet retrieved from Campus Connect. EVEN SEMESTER not available due to COVID-19 Lockdown.
2020-21	ODD SEMESTER EVEN SEMESTER	Summary Sheet – Feedback collected in online mode.

All the above summary sheets of the Faculty Feedback have been counter signed by the Registrar & Dean of Students and by the Chairman, Academic Council for future record purpose.

Upon deliberation over the issue, members felt that Regulatory Bodies are asking for the Faculty Back Forms for last 05 Academic Sessions irrespective of the fact whether in hard copy or summary sheet of online faculty feedback.

Accordingly, members of the Council considered the policy decision of retention of the Faculty Feedback for last 05 Academic Sessions. The duly signed summary sheet retrieved from Campus Connect for last 05 Academic Sessions be retained. The available Hardcopies of the Faculty Feedback Forms collected from students for following Semesters be kept in records till they complete course of study at the University:-

- EVEN SEMESTER-2017-18
- ODD SEMESTER-2018-19
- EVEN SEMESTER-2018-19
- ODD SEMESTER-2019-20

ITEM NO. 6 APPROVAL FOR DEVELOPMENT OF IoT RESEARCH LAB.

Department of Computer Science & Engineering and Information Technology proposed for development of IoT Research Lab.

The need of development of IoT Research Lab was elaborated to the members of the Council and members agreed in principle for development of IoT Research Lab.

The Research Lab shall be common for all the departments and will be used by the Research Scholars. However, procurement of the items as per **Annexure – 4** will be done in a phased manner considering the availability of the funds.

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ITEM NO. 7 APPROVAL FOR COURSE STRUCTURE / MODIFICATION IN COURSE STRUCTURE OF VARIOUS DEPARTMENTS.

7.1 APPROVAL FOR COURSE STRUCTURE OF ELECTIVE COURSES FOR M.TECH BIOTECHNOLOGY WITH SPECIALISATION IN INDUSTRIAL BIOTECHNOLOGY.

Department of Biotechnology & Bioinformatics through its BoS held on 16.07.2021 recommended Elective Courses for M.Tech Biotechnology with specialisation in Industrial Biotechnology. The proposed Elective Courses are as under:-

ELECTIVE COURSES ODD SEMESTER

S.No.	Course Code	Credits	Odd Semester (1 st Semester)
1	20M1WBT131	03	Food Processing & Engineering
2	20M1WBT132	03	Plant Tissue Culture Technologies
3	18M1WBT134	03	Microbial Ecology
4	20M1WBT134	03	Advances in Gene Manipulations

ELECTIVE COURSES EVEN SEMESTER

S.No.	Course Code	Credits	Even Semester (2 nd Semester)
1	20M1WBT231	03	QC Analysis and Management
2	20M1WBT232	03	Industrial Enzyme Technology
3	11IIWBT433	03	Plant Biotechnology
4	18M1WBT133	03	Advances in Computational System Biology

Members of the Council considered the recommendation of the departmental BoS and approved the above Elective Courses for ODD & EVEN SEMESTER for M.Tech Biotechnology with specialisation in Industrial Biotechnology.

7.2 APPROVAL FOR COURSE STRUCTURE OF ELECTIVE COURSES FOR M.TECH BIOTECHNOLOGY WITH SPECIALISATION IN MEDICAL BIOTECHNOLOGY.

Department of Biotechnology & Bioinformatics through its BoS held on 16.07.2021 recommended Elective Courses for M.Tech Biotechnology with specialisation in Medical Biotechnology. The proposed Elective Courses are as under:-

ELECTIVE COURSES ODD SEMESTER

S.No.	Course Code	Credits	Odd Semester (1 st Semester)
1	20M1WBT133	03	Vaccine Production
2	11BIWBT840	03	Nano Biotechnology
3	20M1WBT134	03	Advances in Gene Manipulations
4	18M1WBT134	03	Microbial Ecology

ELECTIVE COURSES EVEN SEMESTER

S.No.	Course Code	Credits	Even Semester (2 nd Semester)
1	20M1WBT233	03	Cancer Biology
2	20M1WBT234	03	Clinical Diagnostics
3	20M1WBT231	03	QC Analysis and Management
4	18M1WBT133	03	Advances in Computational System Biology

Members of the Council considered the recommendation of the departmental BoS and approved the above Elective Courses for ODD & EVEN SEMESTER for M.Tech Biotechnology with specialisation in Medical Biotechnology.

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7.3 APPROVAL FOR COURSE STRUCTURE OF M.TECH (COMPUTER SCIENCE & ENGINEERING) WITH SPECIALISATION IN DATA SCIENCE.

Department of Computer Science & Engineering and Information Technology through its BoS held on 24.07.2021 recommended for approval of the Course Structure of M.Tech (Computer Science & Engineering) with specialisation in Data Science.

Members considered the recommendation of the departmental BoS and approved the Course Structure for M.Tech (Computer Science & Engineering) with specialisation in Data Science.

The approved Course Structure is as per **Annexure – 5**.

7.4 APPROVAL FOR MODIFICATION IN COURSE STRUCTURE OF M.TECH (ELECTRONICS & COMMUNICATION ENGINEERING).

Department of Electronics & Communication Engineering through its BoS held on 23.07.2021 recommended for modification in Course Structure of M.Tech (Electronics & Communication Engineering).

Members considered the recommendation of the departmental BoS and approved modification in Course Structure of M.Tech (Electronics & Communication Engineering).

The approved modified Course Structure of M.Tech (Electronics & Communication Engineering) is as per **Annexure – 6**.

7.5 APPROVAL FOR MODIFICATION IN COURSE STRUCTURE OF M.TECH (ELECTRONICS & COMMUNICATION ENGINEERING) WITH SPECIALISATION IN (IoT).

Department of Electronics & Communication Engineering through its BoS held on 23.07.2021 recommended for modification in Course Structure of M.Tech (Electronics & Communication Engineering) with specialisation in IoT.

Members considered the recommendation of the departmental BoS and approved modification in Course Structure of M.Tech (Electronics & Communication Engineering) with specialisation in IoT.

The approved modified Course Structure of M.Tech (Electronics & Communication Engineering) with specialization in IoT is as per **Annexure – 7**.

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7.6 APPROVAL FOR INTERCHANGE IN TWO COURSES OF B.TECH (ELECTRONICS & COMMUNICATION ENGINEERING) COURSE STRUCTURE.

Department of Electronics & Communication Engineering through its BoS held on 23.07.2021 recommended for interchange in two courses of B.Tech (Electronics & Communication Engineering) Course Structure.

Members considered the recommendation of the departmental BoS and approved interchange in two courses of B.Tech (Electronics & Communication Engineering) as under:-

Course Name	Credits	Proposed Interchange
Automatic Control Systems 18B11EC311	3	To be offered in B.Tech (ECE) 4 th Sem in place of 3 rd Sem.
Automatic Control Systems Lab 18B17EC371	1	
Fundamentals of Signals & Systems 18B11EC412	4	To be offered in B.Tech (ECE) 3 rd Sem in place of 4 th Sem.
Fundamentals of Signals & Systems Lab 18B17EC472	1	

However, the above interchange of the courses will be effective from new admission batch i.e. batch to be admitted in Academic Session 2021-22.

7.7 APPROVAL FOR RESHUFFLING OF COURSES OF PROFESSIONAL ELECTIVES AND OPEN ELECTIVES - COURSE STRUCTURE OF B.TECH (ELECTRONICS & COMMUNICATION ENGINEERING).

Department of Electronics & Communication Engineering through its BoS held on 23.07.2021 recommended for reshuffling of Courses of Professional Electives and Open Electives - Course Structure of B.Tech (Electronics & Communication Engineering).

Members considered the recommendation of the departmental BoS and approved the reshuffling of Courses of Professional Electives and Open Electives for Course Structure of B.Tech (Electronics & Communication Engineering).

The approved reshuffling of Professional Electives & Open Electives is as per **Annexure – 8**. The revised Course Structure incorporating new arrangements of Professional Electives & Open Electives of B.Tech (Electronics & Communication Engineering) is as per **Annexure – 9**.

The above reshuffling of Professional Electives & Open Electives will be effective from new admission batch i.e. batch to be admitted in Academic Session 2021-22.

7.8 APPROVAL FOR CHANGE IN NOMENCLATURE OF TWO COURSES OF B.TECH 1ST SEMESTER.

Department of Humanities & Social Sciences through its BoS held on 20.07.2021 recommended for change in nomenclature of two courses of B.Tech 1st Semester.

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Members considered the recommendation of the departmental BoS and approved the following changes in two courses of B.Tech 1st Semester:-

Existing Nomenclature	Approved Nomenclature
English & Technical Communication	English
English & Technical Communication Lab	English Lab

The L-T-P structure & credits of the above courses will remain unchanged. The above changes in the nomenclature will be effective from new admission batch i.e. batch to be admitted in Academic Session 2021-22.

7.9 APPROVAL FOR INTRODUCTION OF TWO NEW COURSES.

Department of Humanities & Social Sciences through its BoS held on 20.07.2021 recommended for introduction of two new Courses.

Academic Council considered the recommendation of the departmental BoS and approved introduction of following two courses in the semester mentioned against each:-

Course	Credits	L-T-P	Semester
Life Skills & Effective Communication	02	1-0-2	To be inducted in 2 nd Semester
Professional Communication Practice	Audit	0-0-2	To be inducted in 3 rd Semester

The introduction of above two courses will be effective from new admission batch i.e. batch to be admitted in Academic Year 2021-22.

7.10 CHANGE IN CREDITS OF 3RD SEMESTER COURSE "INTERPERSONAL DYNAMICS VALUES AND ETHICS"

Department of Humanities & Social Sciences through its BoS held on 20.07.2021 recommended for change in Credits of 3rd Semester Course "Interpersonal Dynamics Values and Ethics"

Academic Council considered the recommendation of the departmental BoS and approved following changes in the Credits of the 3rd Semester Course "Interpersonal Dynamics Values and Ethics":-

Existing L-T-P & Credits	Approved L-T-P & Credits
3-0-0 (03 Credits)	1-0-0 (01 Credit)

The above approved change in the Credits of the course will be effective from the new admission batch i.e. batch to be admitted in Academic Year – 2021-22.

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**ITEM NO. 8 APPROVAL FOR COURSE CONTENTS OF COURSES LISTED UNDER
APPROVED COURSE STRUCTURES OF VARIOUS DEPARTMENTS.**

**8.1 APPROVAL FOR COURSE CONTENTS OF COURSES LISTED UNDER
APPROVED COURSE STRUCTURE OF M.Sc. (MICROBIOLOGY) 1ST
YEAR PROGRAM.**

Department of Biotechnology & Bioinformatics through its BoS held on 16.07.2021 recommended for approval of Course contents of courses listed under approved Course Structure of M.Sc. (Microbiology) 1st Year Program for 2021 onward batches.

Academic Council considered the recommendation of the departmental BoS and approved the Course contents of courses listed under approved Course Structure of M.Sc (Microbiology) 1st Year Program for 2021 onward batches as per **Annexure – 10**.

**8.2 APPROVAL FOR COURSE CONTENTS OF COURSES LISTED UNDER
COURSE STRUCTURE OF M.TECH (COMPUTER SCIENCE &
ENGINEERING) SPECIALISATION IN DATA SCIENCE.**

Department of Computer Science & Engineering and Information Technology through its BoS held on 24.07.2021 recommended for approval of Course contents of Courses listed under Course Structure of M.Tech (Computer Science & Engineering) specialisation in Data Science.

Members considered the recommendation of the departmental BoS and approved the Course contents of Courses listed under Course Structure of M.Tech (Computer Science & Engineering) specialisation in Data Science as per **Annexure – 11**.

**8.3 APPROVAL FOR COURSE CONTENTS OF COURSES LISTED UNDER
COURSE STRUCTURE OF M.TECH (ELECTRONICS &
COMMUNICATION ENGINEERING) – 1ST YEAR PROGRAM.**

Department of Electronics & Communication Engineering through its BoS held on 23.07.2021 recommended for approval of Course contents of Courses listed under Course Structure of M.Tech (Electronics & Communication Engineering) for 1st Year Program (1st & 2nd Semester).

Academic Council considered the recommendation of the departmental BoS and approved the Course contents of Courses listed under Course Structure of M.Tech (Electronics & Communication Engineering) for 1st Year Program (1st & 2nd Semester) as per **Annexure – 12**.

**8.4 APPROVAL FOR COURSE CONTENTS OF COURSES LISTED UNDER
COURSE STRUCTURE OF M.TECH (ELECTRONICS &
COMMUNICATION ENGINEERING) SPECIALISATION IN INTERNET
OF THINGS (IoT) – 1ST YEAR PROGRAM.**

Department of Electronics & Communication Engineering through its BoS held on 23.07.2021 recommended for approval of Course contents of Courses listed under Course Structure of M.Tech (Electronics & Communication Engineering) specialisation in Internet of Things (IoT) - 1st Year Program (1st & 2nd Semester).

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Academic Council considered the recommendation of the departmental BoS and approved the Course contents of Courses listed under Course Structure of M.Tech (Electronics & Communication Engineering) specialisation in Internet of Things (IoT) - 1st Year Program (1st & 2nd Semester) as per **Annexure – 13**.

8.5 APPROVAL FOR COURSE CONTENTS OF COURSES LISTED UNDER APPROVED COURSE STRUCTURE OF B.TECH (ELECTRONICS & COMPUTER ENGINEERING PROGRAM.

Department of Electronics & Communication Engineering through its BoS held on 23.07.2021 recommended for approval of Course contents of Courses listed under approved Course Structure of B.Tech (Electronics & Computer Engineering) Program.

Academic Council considered the recommendation of the departmental BoS and approved the Course contents of Courses listed under approved Course Structure of B.Tech (Electronics & Computer Engineering) Program as per **Annexure – 14**.

8.6 APPROVAL FOR COURSE CONTENTS OF COURSES LISTED UNDER APPROVED PROFICIENCY COURSES OF B.TECH (CIVIL ENGINEERING) PROGRAM.

Department of Civil Engineering through its BoS held on 19.07.2021 recommended for approval of Course contents of Courses listed under approved Proficiency Courses of B.Tech Civil Engineering Program.

Academic Council considered the recommendation of the departmental BoS and approved the Course contents of Courses listed under approved Proficiency Courses of B.Tech Civil Engineering Program as per **Annexure – 15**.

8.7 APPROVAL FOR COURSE CONTENTS OF COURSES OF “OPTIMIZATION TECHNIQUES” AND “FINITE ELEMENT METHODS” LISTED UNDER APPROVED OPEN ELECTIVE – III OF B.TECH (CIVIL ENGINEERING) PROGRAM.

Department of Civil Engineering through its BoS held on 19.07.2021 recommended for approval of Course contents of Courses of “Optimization Techniques” and “Finite Element Methods” listed under approved Open Elective – III of B.Tech (Civil Engineering) Program.

Academic Council considered the recommendation of the departmental BoS and approved the Course contents of Courses of “Optimization Techniques” and “Finite Element Methods” listed under approved Open Elective – II of B.Tech (Civil Engineering) Program as per **Annexure – 16**.

ITEM NO. 9 APPROVAL OF THE MINUTES OF MEETING OF BOARD OF STUDIES (BoS) OF DEPARTMENTS.

9.1 Academic Council considered the Minutes of Board of Studies (BoS) of Department of Biotechnology and Bioinformatics held on 16.07.2021 as given in **Annexure – 17** and noted the contents.

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- 9.2 Academic Council considered the Minutes of Board of Studies (BoS) of Department of Computer Science & Engineering held on 24.07.2021 as given in **Annexure – 18** and noted the contents.
- 9.3 Academic Council considered the Minutes of Board of Studies (BoS) of Department of Electronics & Communication Engineering held on 23.07.2021 as given in **Annexure – 19** and noted the contents.
- 9.4 Academic Council considered the Minutes of Board of Studies (BoS) of Department of Civil Engineering held on 19.07.2021 as given in **Annexure – 20** and noted the contents.
- 9.5 Academic Council considered the Minutes of Board of Studies (BoS) of Department of Humanities & Social Sciences held on 20.07.2021 as given in **Annexure – 21** and noted the contents.

ITEM NO. 10 REPORTING ITEMS.

The following Reporting Items were noted by the Academic Council:-

10.1 **CHANGE IN COURSE STRUCTURE OF PROFESSIONAL ELECTIVES AND OPEN ELECTIVES OF B.TECH (ELECTRONICS & COMMUNICATION ENGINEERING) PROGRAM.**

Chairman apprised the members about the change in Course Structure of Professional Electives and Open Electives of B.Tech (Electronics & Communication Engg.) Program. The approved changes are as per **Annexure – 22**.

10.2 **CHANGE IN COURSE STRUCTURE OF PROFESSIONAL ELECTIVES OF B.TECH (INFORMATION TECHNOLOGY) PROGRAM.**

Chairman apprised the members about the change in Course Structure of Professional Electives of B.Tech (Information Technology) Program. The approved changes are as per **Annexure – 23**.

10.3 **DISCARDING OF T1, T2 AND MID TERM RESULTS.**

Members were apprised about discarding of T1, T2 and MID TERM Result Files. The list of discarded Result Files is as per **Annexure – 24**.

10.4 **EVALUATION SCHEME FOR EXTENDED SEMESTER (SPECIAL SEMESTER – JUNE/JULY 2021).**

Members were apprised about the Evaluation Scheme followed for EXTENDED SEMESTER (Special Semester – JUNE/JULY 2021). The approved Evaluation Scheme is as per **Annexure – 25**.

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10.5 CHANGE IN COURSE STRUCTURE OF PROFICIENCY COURSES OF B.TECH (COMPUTER SCIENCE & ENGINEERING) AND B.TECH (INFORMATION TECHNOLOGY) PROGRAMS.

Members were apprised about the change in Course Structure of Proficiency Courses of B.Tech (Computer Science & Engineering) and B.Tech (Information Technology) Program. The approved changes are as per **Annexure – 26**.

10.6 RETENTION OF ACADEMIC / OTHER DOCUMENTS FOR PH.D ALUMNI

Chairman apprised the members about the retention of Academic & other Documents for Ph.D Alumni. The documents identified for retention are as per Agenda item 10.6 and proceedings of the Committee are as per **Annexure – 27 & Annexure – 28**.

10.7 AGREEMENT WITH INDIASPARK (OPC) PRIVATE LIMITED, GURGAON, HARYANA FOR IMB OPEN P-TECH (ONLINE LEARNING PROGRAM)

Chairman apprised the members about Agreement signed with Indiaspark (OPC) Private Limited, Gurgaon, Haryana for IMB Open P-Tech (Online Learning Program). Detailed Agreement is as per **Annexure – 29**.

10.8 DATE OF NOTIFICATION, DATE FOR AWARD OF PH.D DEGREE AND COMPLETION DATE ON FINAL DEGREE PARCHMENT – PH.D. STUDENTS

Chairman apprised the members that earlier, the date of final oral defence viva of the Ph.D scholar was considered as the date of Notification for award of Ph.D degree as the final defence viva recommendations were approved by the Vice Chancellor on the day of viva itself.

Due to COVID-19 situation, final oral defence viva of the scholar is now being conducted in online mode and recommendation from the examiner is taken through e-mail and is put up for signature of the other DPMC members and approval of Dean and Vice Chancellor. In such conditions, date of final oral defence viva and final approval by the Vice Chancellor differ.

Considering above, it was decided that the date of approval by the Vice Chancellor on final defence recommendation would be considered as date of Notification and award of Ph.D degree and completion date in final Ph.D Degree parchment.

Copy of the approval is as per **Annexure – 30**.

10.9 CHANGE IN 4TH SEMESTER COURSE STRUCTURE OF B.TECH (INFORMATION TECHNOLOGY) PROGRAM.

Members were apprised about the change in 4th Semester Course Structure of B.Tech (Information Technology) Program. Approval for change in the Course Structure is as per **Annexure – 31**.



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10.10 EVALUATION SCHEME FOR 04 CREDIT COURSE (03 CREDITS THROUGH MOOCS & 01 CREDIT THROUGH TUTORIAL)

Members were apprised about the Evaluation Scheme for 04 Credit Course (03 Credits through MOOCs and 01 Credit through Tutorial). The approved Evaluation scheme is as per **Annexure – 32**.

10.11 IMPLEMENTATION OF NATIONAL EDUCATION POLICY – 2020.

Members were apprised about the letter received from HPPERC directing not to implement NEP till clear guidelines are obtained from the Central Regulatory Bodies / Government to ensure the uniformity in courses as well as syllabus of various Universities across the country. Copy of letter is as per **Annexure – 33**.

10.12 UGC GUIDELINES ON EXAMINATIONS AND ACADEMIC CALENDAR IN VIEW OF THE COVID-19 PANDEMIC – JULY 2021.

Chairman apprised the members about the UGC Guidelines on Examinations and Academic Calendar in view of the COVID-19 Pandemic – July 2021. The detailed Guidelines and Academic Calendar is as per **Annexure – 34**.

10.13 RATIFICATION OF SEAT INTAKE – ACADEMIC YEAR – 2021-22.

Chairman apprised the members about the Seat Intake for various programs for Academic Year – 2021-22 as under:-

Undergraduate Programs (B.Tech)

Program	-	Seat Intake
Computer Science & Engineering	-	330
Information Technology	-	60
Civil Engineering	-	60
Biotechnology	-	30
Bioinformatics	-	30
Electronics & Communication Engineering	-	30
Electronics & Computer Engineering	-	30
Total	-	570

Post Graduate Programs (M.Sc)

Program	-	Seat Intake
Biotechnology	-	30
Microbiology	-	30
Total	-	60

Post Graduate Programs (M.Tech)

Program	-	Seat Intake
Computer Science & Engineering	-	36
CSE with specialisation in Information Security		
CSE with specialisation in Data Science		
Electronics & Communication Engineering	-	24
ECE with specialisation in Internet of Things (IoT)		
Biotechnology	-	36
BT with specialisation in Industrial Biotechnology		

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BT with specialisation in Medical Biotechnology

CE with specialization in Construction Management - 36

CE with specialization in Structural Engineering

CE with specialization in Environmental
Engineering

Total - 132

10.14 USE OF OPEN SOURCE SOFTWARE IN DIFFERENT UNDERGRADUATE COURSES.

Chairman apprised the members about the use of Open Source Software in different Undergraduate Courses. The list of open source software listed by department of Civil Engineering is as per **Annexure – 35**.

ITEM NO. 11 ANY OTHER ITEM WITH THE PERMISSION OF THE CHAIR

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