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PANJAB UNIVERSITY, CHANDIGARH

Minutes of the meeting of the Faculty of Engineering & Technology held on March 31st, 2019 (Sunday) at 3:30 p.m. in the Senate Hall, Panjab University, Chandigarh.

Following members were present:

1. Prof. (Ms) Sanchita Chauhan.....Dean
2. Prof. (Mrs.) Renu Vig
3. Prof. (Mrs.) Savita Gupta
4. Prof. J.K Goswamy
5. Prof. Sunil Agrawal
6. Prof. (Mrs.) Anupama Thakur
7. Dr. Amit Chauhan
8. Dr. Parveen Goyal
9. Dr. Varun Gupta
10. Dr. Gargi Ghoshal
11. Sh. Gurjot Singh Malhi
12. Prof. (Mrs.) Seema Kapoor.....Secretary

At the very outset, Prof. Sanchita Chauhan welcomed all the members to the meeting.

The members considered the agenda items and unanimously decided as under:

Item No. 1

Considered the item no. 1 regarding the recommendations of Board of Studies in Electronics & Communication Engineering dated 26.9.2018 that the schedule of teaching, scheme of examination and syllabi of the course for the examination of 2019-2020 be approved, as per Appendix:-

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|--|--------------|
| (i) BE (Electronics & Communication Engg.) | (Page 1-144) |
| (ii) ME (Electronics & Communication Engg.) | (Page 1-62) |

It was pointed out by few members that the concerned BOS meeting was held in September 2018 and accordingly it should have been brought up in the meeting of Faculty of Engineering & Technology held in December 2018. It was also pointed out by Dr. Parveen Goyal that some corrections are needed to be incorporated in the said scheme & syllabi.

Resolved

After due deliberations, it was unanimously decided that the item be referred back to the concerned Board of Studies. The Dean was authorized to approve the same after corrections.

Item No. 2

Considered the item no. 2 regarding the recommendations of Board of Studies in M. Tech. (Instrumentation) dated 01.10.2018 that the schedule of teaching, scheme of examination and syllabi of the course for the examination of 2019-2020 be approved, as per Appendix:-

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| (i) M. Tech. (Instrumentation) Examination Scheme | (Page 1-4) |
| (ii) M. Tech. (Instrumentation) Syllabus | (Page 1-26) |

It was pointed out by few members that the concerned BOS meeting was held in October 2018 and accordingly it should have been brought up in the meeting of Faculty of Engineering & Technology held in December 2018. Some corrections were also pointed out.

Resolved

After due deliberations, it was unanimously decided that the item be referred back to the concerned Board of Studies. The Dean was authorized to approve the same after corrections.

Item No. 3

Considered the item no. 3 regarding the recommendations of Board of Studies in M. Tech. (Microelectronics) dated 26.09.2018 that the schedule of teaching, scheme of examination and syllabi of the course for the examination of 2019-2020 be approved, as per Appendix:-

- (i) M. Tech. (Microelectronics) (Page 1-38)

It was pointed out by few members that the concerned BOS meeting was held in September 2018 and accordingly it should have been brought up in the meeting of Faculty of Engineering & Technology held in December 2018. It was also pointed out by Dr. Parveen Goyal that some corrections are needed to be incorporated in the said scheme & syllabi.

Resolved

After due deliberations, it was unanimously decided that the item be referred back to the concerned Board of Studies. The Dean was authorized to approve the same after corrections.

Item No. 4

Considered the item no. 4 regarding the recommendation of Board of Studies in M.E. Mechanical Engineering (Manufacturing Technology) dated 12.10.2018 that the schedule of teaching, scheme of examination and syllabi of the course for the examination of 2019-2020 be approved, as per Appendix:-

- (i) Schedule of teaching, Scheme of examination (Page i-vi)
- (ii) M.E. Mechanical Engg. (Manufacturing Technology) (Page 1-32)

It was pointed out by few members that the concerned BOS meeting was held in October 2018 and accordingly it should have been brought up in the meeting of Faculty of Engineering & Technology held in December 2018. Some corrections were also pointed out.

Resolved

After due deliberations, it was unanimously decided that the item be referred back to the concerned Board of Studies. The Dean was authorized to approve the same after corrections.

Item No. 5 (A)

Considered the item no. 5 (A) regarding the recommendations of Board of Studies in Chemical Engineering, Food Technology & Energy Studies dated 28-1-2019 that the schedule of teaching, scheme of examination and syllabi of the following courses for the examination of 2019-2020 be approved as per appendix:-

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- B.E. (Chemical 1st & 2nd Sem) (Page 1-16)
 - B.E. (Chemical 3rd to 8th Sem) (Page 1-47)
 - B.E. (Chemical with MBA 1st & 2nd Sem) (Page 1-19)
 - B.E. (Chemical with MBA 3rd to 10th Sem) (Page 1-74)
 - B.E. (Food Technology 1st & 2nd Sem) (Page 1-16)
 - B.E. (Food Technology 3rd to 8th Sem) (Page 1-50)
 - M.E. (Chemical) 1st to 4th Sem (Page 1-24)
 - M.Sc. (Industrial Chemistry) 1st to 4th Sem (Page 1-24)
 - M. Tech (Polymer) 1st to 4th Sem (Page 1-18)
 - M. Tech (Energy Management) 1st to 4th Sem (Page 1-30)
 - M.E. (Food Technology) 1st to 4th Sem (Page 1-24)
 - M.E. Chemical with SPL. (Environmental) 1st to 4th Sem. (Page 1-27)

Resolved

The scheme and syllabus were unanimously approved with minor corrections. The Dean was authorized to approve the same after corrections.

Item No. 5 (B)

Considered the item no. 5 (B) regarding minutes dated 28.1.2019 of the Board of Studies in Chemical Engineering, Food Technology & Energy Studies with regard to minor modification in General Guidelines for Admission in all P.G. Courses at Dr. SSBUI CET, P.U., for the session 2019-20.

Resolved

The committee approved the eligibility conditions for PG courses at Dr. SSBUI CET with minor corrections. However the passing percentage of students seeking admission to PG courses at Dr. SSBUI CET would remain the same as approved by syndicate from time to time.

Item No. 6

Considered the item no. 6 regarding the recommendation of Board of Studies in Chemical Engineering, Food Technology & Energy Studies dated 18.03.2019 that the schedule of teaching, scheme of examination and syllabi of following Add-on-Courses for B.A/B.Sc./B.Com for the examination of 2019-2020 as per Appendix:-

(i) Food Preservation

1. Certificate Course in Food Preservation for B.A/B.Sc/B.Com 1st Year
2. Diploma in Food Preservation for B.A/B.Sc/B.Com 2nd Year
3. Advance Diploma in Food Preservation for B.A/B.Sc/B.Com 3rd Year.

(ii) Refrigeration and Conditioning

1. Certificate Course in Refrigeration & Conditioning for B.A/B.Sc/B.Com 1st Year
2. Diploma in Refrigeration & Conditioning for B.A/B.Sc/B.Com 2nd Year
3. Advance Diploma in Refrigeration & Conditioning for B.A/B.Sc/B.Com 3rd Year.

(iii) Soap and Detergents

1. Certificate Course in Soap and Detergents for B.A/B.Sc/B.Com 1st Year
2. Diploma in Soap and Detergents for B.A/B.Sc/B.Com 2nd Year
3. Advance Diploma in Soap and Detergents for B.A/B.Sc/B.Com 3rd Year.

Resolved

The item was unanimously approved as proposed.

Item No. 7

Considered the item no. 7 regarding the recommendations of Board of Studies in Mechanical Engineering dated 25.9.2018 that the schedule of teaching, scheme of examination and syllabi of the course for the examination of 2019-2020 be approved, as per Appendix:-

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|------|------------------------------------|--------------|
| (i) | <u>BE (Mechanical Engineering)</u> | (Page 1-213) |
| (ii) | <u>ME (Mechanical Engineering)</u> | (Page 1-71) |

Dr. Parveen Goyal pointed out that the said scheme and syllabi has not been approved by the respective Board of Studies and there are few corrections to be made in the scheme & syllabi.

Resolved

After due deliberations, it was unanimously decided that the item be referred back to the concerned Board of Studies. Once it is approved by the concerned Board of Studies, then it will be circulated to the members of Faculty of Engineering & Technology for any comments within a week of circulation. After that, the Dean is authorized to approve the same.

Item No. 8

Considered the item no. 8 regarding the recommendations of Board of Studies in Applied Sciences dated 24.9.18 that the schedule of teaching, scheme of examination and syllabi of the course for the examination of 2019-2020 be approved, as per Appendix:-

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|-----|-------------------------|-------------|
| (i) | <u>Applied Sciences</u> | (Page 1-55) |
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Prof. J.K. Goswamy pointed out that the said scheme and syllabi has not been approved by the respective Board of Studies.

Resolved

After due deliberations, it was unanimously decided that the item be referred back to the concerned Board of Studies. Once it is approved by the concerned Board of Studies, then it will be circulated to the members of Faculty of Engineering & Technology for any comments within a week of circulation. After that, the Dean is authorized to approve the same.

Item No. 9

Considered the item no. 9 regarding appointing the convener and members of the Equivalence Committee for the term i.e. from 1st April, 2019 to 31st March, 2021 for Engineering exams.

- 17. Coordinator, ECE, UIET, Sector-25, P.U., Chandigarh.
- 18. Coordinator, EEE, UIET, Sector-25, P.U., Chandigarh.
- 19. Coordinator, IT, UIET, Sector-25, P.U., Chandigarh.

Item No. 10

Considered the item no. 10 regarding the office proposal that Dean, Faculty of Engineering & Technology, be authorized to take appropriate action on the recommendations of the Board of Studies, Board of Control regarding left out subject/s, if any, for the session 2019-20 and other related recommendation to avoid any complications regard Syllabus, admissions, etc.

Resolved

The item no. 10 was unanimously approved.

11. Current Work

Item No. 11

Considered the item no. 11 regarding the committee constituted by the Vice Chancellor for starting the new courses in its meeting dated 12.02.2019 and its recommendations to introduce the following two courses at UIET w.e.f. the Academic Session 2019-2020:

- ME CSE (cyber Security) Regular Basis
- ME (IT) Part Time 3 Years Course

NOTE: As the recommendation of the Board of Studies are placed to the faculty, the office has not received the syllabi and other modalities of the proposed course duly approved by the respective Board of Studies till date which are the pre-requisite for the introduction of any new course.

Resolved

The members were of the view that Item No. 11 is not under the purview of the Faculty of Engineering & Technology. The permission and duration of the course is to be approved by the Syndicate.

Item No.12

Considered the item No. 12 regarding the correction in the Scheme of B.E., C.S.E. 7th Semester with 28 credits for the session 2018-19.

Resolved

Item No. 12 was unanimously approved.

Item No.13

Considered the item No. 13 regarding the minutes of the meeting of Branch Coordinators UIET, held on 21.02.2019 that the Scheme of all M.E. courses be kept uniform to 75 number of credits. The contact hours/week for thesis work in 3rd semester will be 20 hours with 10 credits and 100 marks for internal assessment. The contact hours/week for thesis work in 4th semester

NOTE:- The members of Equivalence Committee for the previous term, ending on 31.3.2019 are as under:-

1. Dean, Faculty of Engineering and Technology(Convener)
2. Director, UIET, Panjab University, Chandigarh.
3. Chairperson, Dr. S.S.B. UICET, Panjab University, Chandigarh.
4. Director, PUSSG, Regional Centre, Hoshiarpur
5. Director, NITTTR, Sector-26, Chandigarh.
6. Principal, Chandigarh College of Engg. & Tech., Sector-26, Chandigarh.
7. Prof. U.S. Shivhare, Dr. S.S.B., UICET, P.U., Chandigarh.
8. Prof. Seema Kapoor, Dr. S.S.B., UICET, P.U., Chandigarh.
9. Coordinator, CSE, UIET, Sector-25, P.U., Chandigarh.
10. Coordinator, Applied Sciences, UIET, Sector-25, P.U., Chandigarh.
11. Coordinator, Applied Management, UIET, Sector-25, P.U., Chandigarh.
12. Coordinator, Biotechnology Engg., UIET, Sector-25, P.U., Chandigarh.
13. Coordinator, Mechanical Engg., UIET, Sector-25, P.U., Chandigarh.
14. Coordinator, ECE, UIET, Sector-25, P.U., Chandigarh.
15. Coordinator, EEE, UIET, Sector-25, P.U., Chandigarh.
16. Coordinator, IT, UIET, Sector-25, P.U., Chandigarh.

Resolved

The committee approved the following convener and members for Equivalence Committee for the term from 01.04.2019 to 31.03.2021 for Engineering exams:-

1. Dean, Faculty of Engineering and Technology(Convener)
2. Director, UIET, Panjab University, Chandigarh.
3. Chairperson, Dr. S.S.B.UICET, Panjab University, Chandigarh.
4. Director, PUSSG, Regional Centre, Hoshiarpur
5. Director, NITTTR, Sector-26, Chandigarh.
6. Principal, Chandigarh College of Engg. & Tech., Sector-26, Chandigarh.
7. Prof. Renu Vig, ECE, UIET, Sector-25, P.U., Chandigarh.
8. Prof. J.K. Goswamy, Applied Sciences, UIET, Sector-25, P.U., Chandigarh.
9. Prof. Seema Kapoor, Dr. S.S.B., UICET, P.U., Chandigarh.
10. Dr. Parveen Goyal, Mechanical Engg., UIET, Sector-25, P.U., Chandigarh.
11. Dr. Santanu Basu, , Dr. S.S.B., UICET, P.U., Chandigarh
12. Coordinator, CSE, UIET, Sector-25, P.U., Chandigarh.
13. Coordinator, Applied Sciences, UIET, Sector-25, P.U., Chandigarh.
14. Coordinator, Applied Management, UIET, Sector-25, P.U., Chandigarh.
15. Coordinator, Biotechnology Engg., UIET, Sector-25, P.U., Chandigarh.

will be 25 hours with 15 credits and 100 marks for internal assessment and 100 marks for external/university exam. The column for LTP corresponding to Thesis work may be removed for 3rd and 4th semester as per Appendix.

- (i) Scheme of ME Course in Biotechnology (Page 1-5)
- (ii) Scheme of Examination of M.E. Information Tech. (Page 1-38)
- (iii) Scheme of Examination of M.E. (Electrical Engineering Power Systems Specialization) (Page 1-27)
- (iv) M.E. (CSE) Revised Study and Evaluation Scheme (Page 1-66)

Prof. J.K. Goswamy pointed out that the said scheme and syllabi has not been approved by the respective Board of Studies.

Resolved

After due deliberations, it was unanimously decided that the item be referred back to the concerned Board of Studies. Once it is approved by the concerned Board of Studies, then it will be circulated to the members of Faculty of Engineering & Technology for any comments within a week of circulation. After that, the Dean is authorized to approve the same.

The following points were also discussed and approved:

- The letter No.CCET/DG/Acds/2019/2544 dated 29.3.2019 from Chandigarh College of Engg. & Tech. (Degree Wing), Sector 26, Chandigarh was discussed and it was unanimously decided by the members that CCET have the liberty to choose any of the Physics syllabi from the basket of Physics courses under Applied Sciences for the first year of Mechanical Engineering.
- Dr. Parveen Goyal again highlighted during the meeting that all Board of Studies of Engineering courses should approve one batch one scheme for all Engineering Courses from the Session 2020-2021 onwards so that the students are aware of the subjects in advance he/she will be taught during his/her degree, subject to minor modifications, if necessary at some later stage.
The members unanimously approved the same.
- The discussion was held on the number of credits for UG courses keeping in mind the AICTE Model curriculum. After deliberations, the faculty approved that the credits for all engineering courses be kept to 160 with a maximum limit of 170 credits from the session 2020-2021 onwards.
- Dr. Parveen Goyal brought to the notice of faculty that few PG courses are mentioning hours for thesis under theory in scheme, whereas it should be shown under practicals. The members unanimously approved the same.

Meeting concluded with vote of thanks to everyone.

Seema Kapoor
(Seema Kapoor)
Secretary

Approved

Sanchita Chauhan
(Sanchita Chauhan)
Dean Faculty of Engineering & Technology

Chauhan