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**Proceedings of the Third meeting of the Academic Council held on 5<sup>th</sup> March, 1998 in the Chamber of the Vice-Chancellor, Punjab Technical University, Jalandhar**

The following were present:-

1. S. Anup Singh, Vice-Chancellor -In Chair
2. Dr. H. S. Sagar, Principal, Dr. B. R. Ambedkar Regional Engineering College, Jalandhar
3. Dr. R. P. Singh, Principal, Guru Nanak Dev Engineering College Ludhiana
4. Dr. D. S. Hira, Principal, GZS College of Engg. & Technology, Bathinda
5. Dr. D. S. Bedi, Principal, Baba Banda Singh Engg. College, Fatehgarh Sahib
6. Dr. R. C. Bahl, Principal, SBS College of Engg. & Technology, Ferozepur
7. Dr. R. C. Chauhan, Director, Sant Longowal Institute of Engineering & Technology, Longowal (Sangrur)
8. Dr. J. K. Sharma, Principal, Beant College of Engg. & Technology, Gurdaspur
9. Dr. Ashwani Kumar, Principal, Adesh Institute of Engg. & Technology, Faridkot
10. Col. S. P. Sharma, (Retd.) Principal, SUS College of Engg. & Technology, Tangori (Mohali)
11. Dr. S. C. Kapoor, Principal, Guru Teg Bahadur Institute of Engg. & Technology, Chhapanwali, Malout
12. Dr. S. K. Jain, Dean, Sant Longowal Institute of Engg. & Technology, Longowal
13. Dr. R. B. Lall Bedi, OSD, PTU - Special Invitee
14. Dr. P.S. Kalsi, Director (Colleges), PTU - Special Invitee
15. Prof. Jagmohan Singh, Director Information Technology, PTU - Special Invitee
16. Dr. D. S. Kumar, Director (Academics), PTU - Special Invitee
17. Dr. Sarbjit Singh Bedi, REC, Jalandhar - Special Invitee
18. Sh. K. K. Dhir, Registrar, PTU - Secretary

The Vice-Chancellor, PTU welcomed the members to the 3<sup>rd</sup> meeting of the Academic Council. The various agenda items were taken up for discussion and the following decisions were taken:-

- 3.11 Item No.1: **Confirmation of the Proceedings of the 2<sup>nd</sup> meeting of the Academic Council held on 29.1.1998**

The proceedings of the 2<sup>nd</sup> meeting of the Academic Council held on 29.1.1998 were confirmed with slight modification in teaching scheme of B.Tech Civil Engineering discussed under item No.2 i.e. 'Instead of two credit for the workshop, there should be three credits to bring the same in line with the general decision'.

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5.2/ **Item No.2: To discuss the detailed course curriculum of various disciplines**

It was decided that the core group constituted to prepare the schemes will finalize it and then would invite representatives from the colleges who were not involved in the core group. The date will be specified for this purpose. The detailed course curriculum for the 3<sup>rd</sup> and 4<sup>th</sup> semester will be finalized by 31.3.1998 and for the remaining semesters by 30.4.1998.

The detailed course curriculum of various disciplines was discussed and the following decisions were taken:-

**Industrial Engg. & Material Engg:**

The scheme from 3<sup>rd</sup> to 8<sup>th</sup> semester was approved. Detailed course curriculum would be finalized by the Coordinator before 30.4.1998.

**Textile Engineering:**

The scheme has not been finalized as yet and is being prepared by Dr. S. Ghosh, REC, Jalandhar. It was decided that staff from Bathinda shall also be incorporated and the needful would be done within 15 days.

**Civil Engineering:**

The scheme was approved.

**Electronics & Communication,  
Electrical Engineering,  
Instrumentation & Control Engg.**

The schemes were approved

**Architecture Engg:**

The scheme was approved.

**Computer Scs. & Engg:**

It was decided that the DTE will finalize the scheme by 10.3.1998. The colleges who are not involved in the core group, may send their representative to attend the final meeting.

The scheme already prepared was circulated to the members in the meeting and the following recommendations were made:-

- i) The credit hours may be reduced from 246 to 200;
- ii) The course should be redesigned keeping in view that contact hours should range between 33-36 hours;
- iii) Credits for Labs should be titled as "One Lab Course"
- iv) Since it is a practice oriented Engineering course, it was considered appropriate to include the course in Human Resource Development and Industrial Relations etc.

**Production Engineering:**

The scheme was finalized.

**Chemical Engineering:**

It was observed that a letter has been received from Dr. S. N. Saha, Head, Chemical Engineering, BCET, Gurdaspur. There were some shortcomings in the scheme. It was decided that the scheme would be reviewed and finalized at the University level.

3.3/ **Item No.3: To discuss the base-paper of 7<sup>th</sup> semester Industrial Placement**

There was a consensus that we need to address ourselves to the important issue relating to the training of B.Tech. students. It was also observed that it is high time that all the Principals start preparing a directory of business/commercial houses which may then be compiled at the University level for deciding placement of students for full semester training. The item shall again be brought before the Academic Council after a gap of one meeting.

3.4/ **Item No.4: To discuss the examination results of Ist semester-1997 batch**

The results of Ist semester examination were discussed. It was pointed out by the members that in certain cases, syllabi is quite lengthy and it is not possible to cover the same within the semester. The following sub committee was constituted to look into this aspect early:-

1. Dr. P. S. Kalsi - Convenor
2. Dr. R. C. Bahl
3. Dr. D. S. Hira
4. Col. S. P. Sharma
5. Dr. J. K. Sharma
6. Dr. R. P. Singh

As regards the Electrical Engineering, the following committee was constituted to examine and submit the report early:-

1. Dr. S. C. Jain
2. Dr. Ashwani Kumar
3. Dr. S. C. Kapur

Many members desired that in view of the poor result, the candidates who have got Re-appear, may not be debarred from being considered for B.Tech (Hons.) Degree on account of this deficiency. It was decided that the Secretary will prepare a paper for discussion in the next meeting of the Academic Council.

3.5/ **Item No.5: Industry-Institute Interaction - a review**

It was observed that constant and meaningful efforts should be made to make Industry-Institute Interaction useful for the students, academia and industry. The University should hold a seminar for this purpose.

3.6/ **Item No.6: Alleviation of Deficiency in study of students (failure cases)**

The proposal to impart special coaching at either the week end or during summer break to the weak students (failure) was approved in principle.

3.7/ **Item No.7: Helping SC/ST students prepare for CET**

The Academic Council took note of the efforts being made by a few institutions to assist SC/ST students for CET examination and the remaining institutions may also follow suit

3.8/ **Item No.8: Technology up-gradation courses for Industry based Engineering professionals**

The consideration of this item was deferred.

3.9/ **Item No. 9: Quality improvement in Engineering Education**

The consensus on the issue is that a proforma may be designed to have student feedback about the teaching. It was decided that the proforma already designed by TIET for this purpose may be studied and the matter may be brought again to the Academic Council for consideration.

It was also decided to have kind of a staff college for imparting training to the teachers in teaching methodology. TTTI, Chandigarh has already designed a course for this purpose which may be had and may be followed. However, the faculty for the purpose may be hired from outside.

3.10/ **Item No. 10: Increase in Holidays**

It was decided that this matter may be deferred. The Secretary will collect information relating to the holidays being observed by various Universities as far as teaching and non-teaching staff are concerned.

The meeting ended with a vote of thanks to the Chair.