

**Minutes of the Nineteenth Meeting of the Academic Council held on Friday,
11.07.2016 at 04.00 p.m. at NITTTR, Chandigarh**

The 19th meeting of the Academic Council of NITTTR, Chandigarh was held on Monday, July 11, 2016 at 04.00 p.m. in the Committee Room of the institute.

The following were present:

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| 1. Dr. MP Poonia,
Director and
Chairman, Academic Council
NITTTR, Chandigarh | Chairman |
| 2. Dr. IK Bhat, Director,
Motilal Nehru National Institute of Technology
Allahabad | Member |
| 3. Dr. MM Malhotra, (formerly Principal, TTTI, Chandigarh)
H. No. 647,
Sector – 8, Panchkula | Special Invitee |
| 4. Dr. SS Banwait,
Professor & Head, Mechanical Engineering Department
NITTTR, Chandigarh | Member |
| 5. Dr. AB Gupta,
Professor & Head, Curriculum Development Department
NITTTR, Chandigarh | Member |
| 6. Dr. Hemant Sood
Professor, Civil Engineering Department,
NITTTR, Chandigarh | Member |
| 7. Dr. Sunil Dutt,
Professor, Education & Educational Management Deptt.
and Incharge, Academic Cell, NITTTR, Chandigarh | Member |
| 8. Dr. BC Choudhary,
Professor & Head, Applied Sciences Department
NITTTR, Sector-26, Chandigarh | Member |
| 9. Dr. Rakesh Wats,
Professor & Head, Media & Continuing Education
and ETV Centre, NITTTR, Chandigarh | Member |
| 10. Dr. (Mrs.) Maitreyee Dutta,
Professor & Head, Electronics & Comm. Engg. Department
NITTTR, Sector-26, Chandigarh | Member |
| 11. Dr. (Mrs.) Lini Mathew
Associate Professor & Faculty Incharge, Electrical Engg., Deptt.
NITTTR, Sector-26, Chandigarh | Member |

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| 12. | Sh. Manmohan Singh
Senior Librarian,
NITTTR, Sector-26, Chandigarh | Member |
| 13. | Er. Suresh Kumar Gupta
Associate Professor, Curriculum Development Department
NITTTR, Chandigarh | Member |
| 14. | Er. (Mrs.) Rama Chhabra
Associate Professor, IMCO,
NITTTR, Chandigarh | Member |
| 15. | Dr. PK Tulsi
Dean, Research & Development and
Professor & Head, Education & Educational Management,
NITTTR, Chandigarh | Member Secretary |
| 16. | Mr. Pramod Kumar Misra
DGM (HRD), Simplex Infrastructures Ltd.,
New Delhi | Special Invitee |

The following members were unable to attend the meeting:

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| 1. | Dr. N Sathyamurthy, Director
Indian Institute of Science Education & Research
Mohali | Member |
| 2. | Dr. Ashok Chitkara, Chancellor
Chitkara University, Saraswati Kendra, SCO 160-161
Sector 9C, Chandigarh | Special Invitee |
| 3. | Registrar,
Panjab University, Sector – 14, Chandigarh – 160 014 | Special Invitee |
| 4. | Dr. JS Saini
Dean, Extension & Consultancy and
Professor, Rural Development, NITTTR, Chandigarh | Member |
| 5. | Dr. (Mrs.) SP Bedi
Professor, Education & Educational Management
NITTTR, Chandigarh | Member |
| 6. | Dr. BS Pabla
Professor & Head, IMCO, NITTTR, Chandigarh | Member |
| 7. | Dr. Suresh Dhameja
Professor & Head, EDIC,
NITTTR, Chandigarh | Member |

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| 8. | Dr. Sanjay Kumar Sharma,
Professor, Civil Engg. Department
NITTTR, Chandigarh | Member |
| 9. | Dr. Sukhdeep Singh Dhama,
Professor, Mechanical Engineering Department
NITTTR, Sector-26, Chandigarh | Member |
| 10. | Dr. UN Roy,
Professor, Rural Development Department
NITTTR, Sector-26, Chandigarh | Member |
| 11. | Dr. C Rama Krishna,
Professor & Head, Computer Science & Engg. Department
NITTTR, Sector-26, Chandigarh | Member |
| 12. | Er. Patange Sudhakar Rao,
Assistant Professor, Mechanical Engg. Department
NITTTR, Chandigarh | Member |
| 13. | Dr. (Mrs.) Kanika Sharma,
Assistant Professor, Electronics & Comm. Engg. Department
NITTTR, Chandigarh | Member |

Prof. P.K. Tulsi, Member Secretary, Academic Council extended welcome to the honourable members of the 19th meeting of the Academic Council. Dr. MP Poonia, Director apprised the members regarding the purpose of the meeting and the preparation started for Golden Jubilee Year of the institute. He stated that a special meeting will be organized to finalize the programmes and activities to be undertaken during the Jubilee year. He highlighted the initiatives undertaken by Civil Engineering Department to offer a collaborative programme with industry on Project Management, Curriculum Development Department for developing outcome based curricula and aligning the curricula with National Skill Qualifications Framework as well as the dates finalized by the three departments for the visit of Accreditation Committee.

Item No. A 19.1 To confirm the minutes of the Eighteenth meeting of the Academic Council held on 08.05.2015

The minutes of the Eighteenth meeting of the Academic Council held on 08.05.2015 were confirmed as recorded.

Item No. A. 19.2 To note the Action taken on the decisions made in the Eighteenth meeting of the Academic Council held on 08.05.2015

The members were apprised of the actions taken on various items of the 18th meeting of the Academic Council as per the recommendations/suggestions of the members.

Item No. A. 19.3 To report on the Achievements of the institute for the period from April, 2015 to March, 2016

The achievements of the institute with respect to admission in long-term programmes, short-term programmes offered through contact mode and ICT mode, student training, workshop and seminars, curriculum design and development, instructional material development, research & development and extension & consultancy for the period April 2015 to March, 2016 were presented by the Member Secretary. The member appreciated the efforts put in by the Director and the faculty and staff members of the institute.

Dr. M.P. Poonia requested the members to propose strategies for increasing the intake to the various ME (Modular) programmes of the institute. The members proposed that analysis for the last 3-5 years of intake and pass-outs may be undertaken and states may be encouraged to formulate a policy for sponsoring faculty for long-term programmes. A meeting with Secretaries of Technical Education may be organized to apprise them of Masters Degree Programmes offered by the institute. Industries may also be made aware of the ME programmes to attract participation from them.

Dr. M.M. Malhotra requested Dr. A.B. Gupta to share the curricula developed on the basis of outcome based education and in alignment of NSQF.

Item No. A. 19.4 To report about the Academic Calendar in respect of ME programmes (both Regular & Modular) for the session 2016-17

The members were informed of the Academic Calendar in respect of ME Programmes (both Regular & Modular) for the session 2016-17 as approved by the Vice Chancellor, Panjab University, Chandigarh.

Item No. A. 19.5 To Approve the Operational Plan of the institute for the year 2016-17

Operational Plan prepared by the institute on the basis of needs identified by the stakeholders (diploma level institutions, degree level institutions, industry and other organizations etc.) was approved by the Academic Council and recommended the same to the Board of Governors for its consideration. The members were informed that this year, fifty percent of the training programmes planned are at National Level in order to enhance cost effectiveness.

Item No. A. 19.6 To consider the proposal of starting Certificate, PG Diploma and Master in Engineering Education Courses by Education & Educational Management Department

Dr. P.K. Tulsi, Head, Education & Educational Management Department briefed the members regarding the proposal for Programme in Engineering Education submitted to MHRD and AICTE. Members agreed to the proposal in principle. However,

Professor MM Malhotra suggested that a workshop may be organized to finalize the scheme and detailed syllabi for Programme in Engineering Education. In addition, he suggested that a policy decision at the national and state level regarding compulsory certification of teaching will help in attracting faculty for the programme. The programmes should be competency based and flexible in nature and permit the faculty to earn credits for courses. On acquiring requisite number of credits, Certificate/PG Diploma/Degree can be awarded. NITTTTR should create a pool of trainers who can, in turn, train other faculty members. This requires establishing focal institutions in every state. Courses at Certificate level should be job embedded and enable the participating faculty to perform the roles and responsibilities efficiently and effectively. Then focus should shift to professional development, career development and organizational development.

Dr. I.K. Bhatt suggested that in order to train large number of faculty and other modalities of offering the programme such as MOOCs may be considered.

Item No.A. 19.7 To consider the proposal of starting a PG Diploma in Project Management by Civil Engineering Department in collaboration with Bhartiya Vidya Mandir, Kolkata and supported by M/s Simplex Infrastructures Limited

Dr. Hemant Sood, Professor & Head, Civil Engineering Department briefed the members about the collaborative programme, i.e., PG Diploma in Project Management.


Dr. Parmod Mishra from Simplex Infrastructures Limited, New Delhi informed that they had organized the programme at industry level and it has been a very satisfying experience. In reply to a question by Dr. I.K. Bhatt, he stated that courses have been finalized taking into consideration the curricula in place at various institutions of higher learning and the requirement of construction industry. Members appreciated the initiative undertaken and approved the item.

Item No.A. 19.8 To Seek Guidance and Directions from the members of the Academic Council for general improvement in the programmes and activities of the institute

Professor I.K. Bhat had certain observations and suggested: (a) Tie up with leading industries and international universities/institutes of higher learning for faculty and student exchange programme; (b) Preparation of a short film of 15 to 20 minutes about marketing the activities of the institute; and (c) developing virtual laboratories.

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


(Dr MP Poonia)
Chairman, Academic Council
NITTTTR, Chandigarh


(Dr. PK Tulsi) 26/7/16
Member Secretary, Academic Council
NITTTTR, Chandigarh
26.7.16