

**Minutes of the  
Twenty Fifth Meeting of the Academic Council held on Friday, 28.01.2022  
at 02.00 PM at NITTTR, Chandigarh through Online Mode**  
[meet.google.com/drr-hbob-swm](https://meet.google.com/drr-hbob-swm)

**The following were present:**

1. Prof. S.S. Pattnaik, Director and Chairman, Academic Council, NITTTR, Sector 26, Chandigarh
2. Prof. D P Agrawal, Former Chairman, UPSC, New Delhi
3. Shri S P Garnaik, Executive Director, EESL, New Delhi as Expert Member
4. Shri Supreeth Nagaraju, Head, Education, Adobe Systems India Pvt. Limited, Bangalore as Expert Member
5. Dr. P S Pabla, Professor, Mechanical Engineering, NITTTR
6. Dr. S.K. Dhameja, Professor and Head EDIC Dept.; NITTTR Chandigarh
7. Dr. AB Gupta, Dean Extension Services and Consultancy, NITTTR Chandigarh
8. Dr. Sanjay Kumar Sharma, Professor & Head, Civil Engg Department, NITTTR Chandigarh
9. Dr. Hemant Sood, Professor, Civil Engineering Department, NITTTR Chandigarh
10. Dr. Sunil Dutt, Professor & Head, EMGT Department, NITTTR Chandigarh
11. Dr. BC Choudhary, Professor, Applied Science Dept., NITTTR Chandigarh
12. Dr. Rakesh Wats, Professor & Head, Media Engineering, NITTTR Chandigarh
13. Dr. SS Dhami, Professor & Head, Mechanical Engg Department, NITTTR Chandigarh
14. Dr. C Rama Krishna, Professor, ICSE Dept., NITTTR Chandigarh
15. Dr. UN Roy, Professor, Rural Development Dept., NITTTR Chandigarh
16. Dr. Lini Mathew, Professor and Head, Electrical Engg Department, NITTTR Chandigarh
17. Dr. Poonam Syal, Professor and Head, Rural Development Dept., NITTTR, Chandigarh
18. Dr. Rajesh Mehra, Professor & Head, CDC, NITTTR Chandigarh
19. Dr. Srinivasa K G, Professor, ICSE Dept., and I/c Library, NITTTR, Chandigarh
20. Dr. Pankaj Sharma, Professor and Head, Applied Science Department, NITTTR
21. Dr. Piush Verma, Professor, Electrical Engineering, NITTTR, Chandigarh
22. Dr. Ashok Kumar, Associate Professor, Dept. of Applied Science, NITTTR, Chandigarh
23. Dr. Balwinder Raj, Associate Professor, Dept. of ECE, NITTTR, Chandigarh
24. Dr. Shimi S L, Assistant Professor, Dept. of EE, NITTTR, Chd.
25. Mr. Amardev Singh, Assistant Professor, Dept. of EDIC, NITTTR, Chd.
26. Dr. S K Gupta, Associate Professor, Dept. of CDC and Hostel Warden, NITTTR, Chandigarh
27. Dr. Balwinder Singh, Associate Professor, Dept. of ECE, Asst. Coordinator of Academic Cell, NITTTR, Chandigarh
28. Dr. Maitreyee Dutta, Dean, Academics and R&D and Member Secretary of Academic Council, NITTTR Chandigarh



### Leave of absence granted to following members

1. Dr. S S Banwait, Mechanical Engg. Dept., NITTTR, Chandigarh
2. Dr. Sandeep Singh Gill, Electronics & Comm. Engg Dept., NITTTR, Chandigarh
3. Dr. Amod Kumar, Professor, Electronics & Comm. Engg Dept., NITTTR, Chandigarh

### ITEM NO. A 25.0 WELCOME TO THE CHAIRMAN AND MEMBERS OF ACADEMIC COUNCIL

The Member Secretary, Prof. Maitreyee Dutta welcomed the chairman and the members of the Academic Council. She then requested the Chairman to deliver opening remarks.

Prof SS Pattnaik, Director and Chairman, Academic Council extended welcome to the honourable members of the Academic Council. Prof. Pattnaik welcomed the new members Shri S P Garnaik, Director of EESL and Mr. Supreeth Nagaraju, Head of Education from Adobe Systems Pvt. Ltd. to the council. In his welcome address, he highlighted the major achievements of NITTTR, Chandigarh since the last academic council meeting. Prof Pattnaik highlighted the process of consultation with different clientele system through our liason officers to derive the O.Plan of 2022-23. He informed about the progress of NITTTR in ICT based courses, model curriculum development in the emerging areas, PG Programmes including industry relevant areas like IoT, Robotics and AI through different categories of training like Skill based, Research Oriented, Advance Level, Pedagogy, etc. He informed the house that only such training programmes which are highly relevant to the changing scenario of the emerging education sector considering the industrial trends are allowed in this O.Plan. He also stressed that in our clientele system now more number of Engineering Faculty have been added when compared to Polytechnic system, hence our focus is also to consider Engineering Colleges. He informed the members about the various achievements taken in our R&D activities and PhD Programmes. Director informed the house about the need of stressing on training programmes in the areas of mentoring, innovative teaching practices, multi-disciplinary areas in alignment of NEP 2020. He then asked the member secretary to continue the proceedings agenda wise.

### Previous Meeting:

#### ITEM NO. A 25.1 To confirm the Minutes of the 24<sup>th</sup> Meeting of the Academic Council held on 15.01.2021

As no comments were received, the Hon'ble Members confirmed the minutes of the Twenty Fourth meeting of the Academic Council held on 15.01.2021

[Action: Academic Cell/FIA/IMEE]

#### ITEM NO. A 24.2 To Note the Action taken on the decisions made in the Twenty Fourth Meeting of the Academic Council held on 15.01.2021

Maitreyee  
4/2/2022

04.2.2022



The members were apprised of the action taken on various items of the 23<sup>rd</sup> meeting of the Academic Council as per the recommendation/suggestions of the members.

[Action: Academic Cell]

**ITEM NO.A. 24.1 /  
24.2**

**TO NOTE THE ACTION TAKEN ON THE DECISIONS MADE IN THE TWENTY SECOND MEETING OF THE ACADEMIC COUNCIL HELD ON 03.02.2020**

Noted

[Action: Academic Cell]

**ITEM NO. A.22.2/  
21.8**

**CREATION OF A FUND FOR SUPPORTING Ph.D SCHOLARS**

Members were informed that Due to COVID Situation this scheme is not yet implemented in the year 2021-22. It is proposed to implement in the next academic year 2022-23.

[Action: Academic Cell]

**ITEM NO. A.22.2/  
21.10**

**LAUNCHING OF NEW COURSES BY ETV DEPARTMENT**

Members were informed that as UGC has approved PG Diploma course in Digital Marketing to be started from the A.Y. 2021-22 but only in physical mode. Hence, due to COVID it is deferred for next year. Mr. Supreet Nagaraju requested to share the contents of Digital Marketing with him for value addition with his industrial experience. He also suggested to start this course in online mode. Director informed that even if UGC does not permit, we can go ahead with this course in collaboration with Adobe Systems if possible.

[Action: Media Engineering]

**ITEM NO.  
A. 22.4**

**360 DEGREE FEEDBACK SYSTEM**

The committee constituted under the chairmanship of Prof. M Dutta prepared the draft 360 Degree feedback system mapping with the AICTE guideline. The same was placed before the council. Members participated in the elaborate discussions on the implementation of 360 Degree Feedback System in alignment with AICTE guidelines. Considering the suggestions by all the members, after incorporating them it was suggested to place in BoG for approval.

[Action: HoD-IMEE]

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4/2/2022*

*[Signature]*  
04.2.2022



**ITEM NO.**  
**A. 22.11**

**SIGNING OF MOU WITH IIT, NEW DELHI  
FOR IMPLEMENTATION OF UNNAT BHARAT  
ABHIYAN**

Dr. Hemanth Vinayak, Associate Professor of Rural Development Department informed the council about the progress made by NITTTR, Chandigarh in implementing Unnat Bharat Abhiyan scheme. It was informed that NITTTR (RCI) has received around 15 Lacs under this scheme. 6 Online Workshops with 376 participants were conducted under this scheme.

[Action: RD]

**ITEM NO.**  
**A. 22.13**

**DEEMED-TO- BE-UNIVERSITY STATUS FOR  
NITTTR, CHANDIGARH**

Director informed the members that the recommendation is still awaited.

**ITEM NO. A.22.14**

**VISION, MISSION AND STRATEGIC PLAN OF  
EVERY DEPARTMENT**

The modified Vision and Mission statements of ME Teaching Departments were accepted.

[Action: HoDs of ME Teaching Departments]

**Item No.A.22.2- 21.9** **Establish a Business Incubation Centre at  
NITTTR, Chandigarh**

Prof. Dhameja, HoD of EDIC informed the members on the attempts made in this progress. It was informed that due to short of space, the same could not be achieved. Attempts are made to collaborate with other institutions nearby to make cluster activity. Mr. Supreeth suggested to collaborate with InvestPanjab Team for better collaboration. He also suggested to write an application to NitiAyog for possible financial support. He pointed out that NITTTR team should invite some external specialists with venture capital background towards exploring some funding opportunities.

[Action: HoD - EDIC]

**Item No.A.223.3**

**To report the Academic Calendar in respect  
ME Programmes (both Regular and Modular)  
for the Session 2020-21**

Noted.

**ITEM NO. A.23.13**

**Starting of MBA Programme in Rural  
Development and Entrepreneurship and PG  
Diploma in Rural and Environmental  
Journalism**

The members were informed upon getting the Deemed University status, these options will be explored.

[Action: Academic Cell]

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**ITEM NO. A.23.14** To Consider and approve to Start Advance Diploma in (i) Additive Manufacturing and (ii) Digital Marketing; ME/MTech in CSE (Cyber Security) as Evening/Weekend Programme; MSc in Physics with Specialization in Nanophonotics jointly with Panjab University

The members were informed upon getting the Deemed University status, these options will be explored.

[Action: Academic Cell]

**ITEM No. A. 23.16** Formation of Patent Cell and Post – Doctoral fellowship to be offered with sponsorship of any Industry

The members were informed that the constituted committee is in touch with Punjab State Council for Science and Technology (PSCST) for establishment of Patent Cell / Patent Club and shall be completed within one month. Regarding Post – Doctoral fellowship, upon getting the deemed university status these schemes will be reviewed for possible launching.

[Action: Prof. S S Gill / Academic Cell]

**ITEM NO. A.24.10** To ratify the Affiliation of new M.Tech Programmes and UGC Approved PG Diploma Programmes under J.C. Bose University of Science and Technology, YMCA, Faridabad

Noted

**ITEM NO A 24.11** To participate in CCMT for ME/M.Tech Admissions from the year 2020 onwards regularly

Noted

**ITEM NO. A.24.14** To approve the UGC Approved PG Diploma Courses to be started from Next Academic Year

Prof. D P Agarwal suggested to start these PG Diploma Programmes in collaboration with any of the state's Skill University instead of Panjab University, as these Programmes are NSQF aligned and skill oriented.

[Action: Academic Cell / Respective Departments]

**ITEM NO. A.24.16** To Consider and Approve the new Proforma for Outstanding Institution Award

Noted

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**ITEM NO. A.24.18 Training of Non-Teaching Staff of the Institute**

Members appreciated the efforts of Management. Prof. D P Agarwal also suggested to write to Ministry to add this expenditure under grant instead of using IRG.

[Action: FIA]

**Items for Reporting**

**ITEM NO.A.25.3 To report the Admission Statistics in respect of ME Programmes (both Regular and Modular) for the session 2021-22**

Noted.

**ITEM NO.A.25.4: To report the Joining of Newly Recruited Technical Staff and Other Officials since last meeting of the Academic Council**

Members appreciated the Institute action which was possible after so many years and welcomed the newly recruited staff to NITTTR Chandigarh.

[Action: All Concerned]

**ITEM NO.A.25.5: To report the achievements of NITTTR Chandigarh in SWAYAM MOOCs (As NRC) and AICTE NITT SWAYAM MOOCs**

Members were informed about the achievements of NITTTR Chandigarh in launching various programmes in SWAYAM Platform. It was informed that all the courses of NITTTR Chandigarh on SWAYAM Platform are well received with a good enrolment. Mr. Supreeth Nagaraju who is also the member of NPTEL scheme informed that there is a great demand for courses like Content Writing. He suggested to start a MOOC on effective online content writing and delivery.

Hon'ble Chairman informed all the members that in coming days NITTTR Chandigarh needs to launch more number of online courses for the benefit of technical teachers.

[Action: HODs & All Faculty Members]

**ITEM NO.A.25.6: To report on the PhD Programmes and AICTE QIP Sponsored STCs under QIP (Poly) and QIP (Engg.) Scheme**

Members appreciated the R&D efforts made by the Institute especially the efforts made in conducting QIP sponsored interdisciplinary short term programmes involving experts from IITs and Industry.

[Action: HODs & All Faculty Members]

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**ITEM NO.A.25.7: To report the achievements of the last OPLAN 2021-22.**

Professor and Head of IMEE Department presented the achievements of NITTR Chandigarh against the planned activities of the last OPLAN 2021-22. Chairman and the Members appreciated the achievement and asked the Departments to keep up their sincere efforts to raise the target and standards. He also suggested to HoDs to have monthly meeting to meet the target level in par with the last 3 years data. Prof. D P Agarwal suggested to have proper balance between training, teaching and research activities. Chairman also discussed the various funded activities by Curriculum Development Departments and research activities of the faculty of the Institute.

[Action: HoD IMEE and Other HoDs]

**ITEM NO.A.25.8: To report the MoUs signed by the Institute with other Organizations.**

Noted

**ITEM NO.A.25.9: To report the status of Sponsored Projects and Consultancy Activities along with the IRG Generated by the Institute.**

Noted

**Items for Ratification****ITEM NO. A.25.10: To consider and ratify the nomination of Dean (Academics and Research & Development) as Chairperson for University Communications**

Members were appraised that the communications to all the Panjab University Officials will be made through Dean (Academics and R&D) nominated as a Chairperson with prior approval of the competent authority. Whereas, the communications to Hon'ble Vice Chancellor will be made only by Director. The same was ratified by the esteemed members.

[Action: Academic Cell]

**ITEM NO A 25.11: To consider and ratify Waiving-off of Application Fee of CCMT Admitted Students**

Academic Council considered and ratified the decision of waiving-off application fee for CCMT admitted students.

[Action: Academic Cell]

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*[Signature]*  
04.2.2022



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## Items for Consideration and Approval

**ITEM NO.A.25.12: To consider and approve the Academic Calendar in respect ME Programmes (both Regular and Modular) for the session 2022-23**

Members of the Academic Council were appraised of the Academic Calendar in respect of ME Programmes (both Regular and Modular) for the Session 2022-23 which is to be sent to the Panjab University for approval. The same was approved for sending to Panjab University.

[Action: Academic Cell]

**ITEM NO. A.25.13: To approve the Operational Plan of the institute for the year 2022-2023**

In the Operational Plan of 2022-23, 169 Short Term Courses have been planned under contact mode, 167 courses through ICT mode, 07 students training programme, 11 workshops and 3 conferences are planned. The training programme have been categorized under 5 categories namely Pedagogy (45 courses) Skill oriented (61 courses), Industry supported (34 courses), Research oriented (59 courses) and Advance level (56 courses). All the departments of the institute have been clubbed under 4 clusters for offering cluster based programme. In the O. Plan 2022-23, 04 curriculum design projects, 8 print instructional material, 9 MOOCs and 12 video films have been planned. In addition, R&D/Sponsored projects, Extension Services and Consultancy Projects are also planned for the next academic year 2022-22. Chairman instated to have more number of ICT courses and requested all the Departments to plan for additional 5 programmes in ICT mode. Apart from this, all the Departments are requested to plan for a Action Research in a subject of interest in Technical Education for the year 2022-23. The members of the Academic Council deliberated and recommended to the BOGs for approval of O.Plan 2022-2023. Chairman informed the house that cluster based team will be constituted to take up 10 to 15 research projects such as impact study etc. relevant to technical education and as envisaged in NEP 2020.

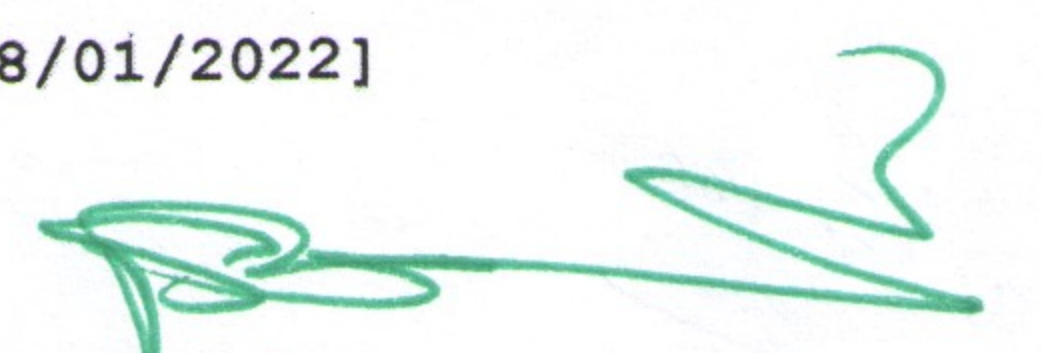
[Action: HoD IMEE]

**ITEM NO. A.25.14: To approve the Prospects of ME and PhD Programmes for the year 2022 – 23**

Approved with minor changes

[Action: Academic Cell]

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04.2.2022



**ITEM NO. A.25.15: To Consider and Approve the revised Hostel Rates for the Year 2022-23 and to Waive off the Hostel Fees for the Period of Non-stay during COVID Period**

Approved

[Action: Chief Warden]

**ITEM NO A 25.16: To approve the Criteria / Norms applicable to CAS Promotion for Faculty as per AICTE 7<sup>th</sup> CPC Guidelines**

The committee recommendation was accepted and approved after deliberations. The same will be placed before BoGs for approval.

[Action: FIA]

**ITEM NO A 25.17: To Consider Clarifications on Various Extension Fees being Collected by ME and PhD Students**

Approved

[Action: Academic Cell]

**ITEM NO.A.25.18 ANY OTHER ITEM WITH THE PERMISSION OF THE CHAIR**

- (i) Mr. Garnaik suggested to present a comparison with the previous year's data in the next academic council for better understanding and visualization.
- (ii) Mr. Garnaik stressed about the need to conduct research in the thematic areas of climate change. He suggested to formulate a sub-committee for better industry academia interaction to support incubation facility especially in the areas of impact assessment, data analytics and other research studies for thematic area of clean energy / energy efficiency. He gave an idea to open a centre of excellence for example in motor rewinding in some select SME clusters in collaboration with some industries. He also opined to conduct a study on loss of economy due to power quality issues in Indian context. He offered collaboration for such research programmes with EESL. He requested NITTTR to conduct data analytics of the huge data being generated by EESL. He also requested NITTTR to conduct some CEO forums for better interaction and coordination in some select SME clusters. He suggested to invite some select 25 clusters and invite some CEOs of these clusters to NITTTR for interaction. He also invited NITTTR to have some joint MoU for submitting proposals for possible international funding. Director requested the HoD of electrical engineering to move in this direction.
- (iii) Prof. D P Agawal suggested to reduce the repeated activities and start thinking in some innovative areas. He also suggested to conduct a



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conference on futuristic vision of NITTTRs with proper think tank. He also stressed on international training programmes, innovative assessment methods to be considered in NITTTR activities.

- (iv) Mr. Supreeth Nagaraju emphasized on better industrial collaborations with enhanced diversity. The training programmes are expected to bring in the industrial flavour and industrial expectations among the trainees by inculcating unlearn, relearn and innovation. He stressed upon out of the box thinking.

[Action: Academic Cell]

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

*Maitreyee*  
(PROF Maitreyee Dutta)  
Member-Secretary

*04.2.2022*  
(PROF SS PATTNAIK)  
Chairman