

**Minutes of the  
Twenty Third Meeting of the Academic Council held on Monday, 03.02.2020  
at 11.00 AM at NITTTR, Chandigarh**

**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. Mr. Tarikdeep Singh, Principal Group Head of IoT Solutions, TechMahindra
4. Mr. Vikrant Jain, Programme Manager, TechMahindra
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. Maitreyee Dutta, Professor and Head, ICSE Dept., NITTTR Chandigarh
14. Dr. SS Dhami, Professor & Head, Mechanical Engg Department, NITTTR Chandigarh
15. Dr. C Rama Krishna, Professor, ICSE Dept., NITTTR Chandigarh
16. Dr. UN Roy, Professor, Rural Development Dept., NITTTR Chandigarh
17. Dr. Lini Mathew, Professor and Head, Electrical Engg Department, NITTTR Chandigarh
18. Dr. Poonam Syal, Professor and Head, Rural Development Dept., NITTTR, Chandigarh
19. Dr. Rajesh Mehra, Professor & Head, CDC, NITTTR Chandigarh
20. Dr. Srinivasa K G, Professor, ICSE Dept., and I/c Library, NITTTR, Chandigarh
21. Dr. Sandeep S Gill, Professor and Head, ECE Dept., NITTTR, Chandigarh
22. Dr. Pankaj Sharma, Professor and Head, Applied Science Department, NITTTR
23. Dr. Piush Verma, Professor, Electrical Engineering, NITTTR, Chandigarh
24. Dr. Meenakshi Sood, Associate Professor, CDC Department, NITTTR, Chandigarh
25. Ms. Shano Solanki, Asst. Professor, ICSE Department, NITTTR, Chandigarh
26. Er. P K Singla, FIA, NITTTR, Chandigarh
27. Er. Sunil D Jassal, Associate Professor, Mechanical Engineering, NITTTR, Chandigarh
28. Dr. SS Banwait, Dean, Academics and R&D and Member Secretary of Academic Council, NITTTR Chandigarh

**Leave of absence granted to following members:**

1. Prof. Sandeep Sancheti, Vice Chancellor, SRM Institute of Science and Technology, SRM Nagar, Kattankulathru, Tamil Nadu
2. Prof. Jagat Bhushan Nadda, Director, IUAC Campus, New Delhi
3. Prof. Rajive Kumar, Member Secretary, AICTE, New Delhi
4. Dr. P K Tulsi, Professor, Education and Educational Management, NITTTR, Chandigarh
5. Dr. Amod Kumar, Professor, Electronics & Comm. Engg Dept., NITTTR, Chandigarh
6. Dr. Rupinder Singh, Professor, Mechanical Engineering Dept., NITTTR Chandigarh
7. Dr. Hemant Kumar Vinayak, Associate Professor, EDIC, NITTTR Chandigarh
8. Ms. Garima Saini, Asst. Professor, ECE Department, NITTTR, Chandigarh

**ITEM NO. A 23.0 WELCOME TO THE CHAIRMAN AND MEMBERS OF ACADEMIC COUNCIL**

The Member Secretary, Prof S S Banwait welcomed the chairman and the members of the Academic Council. He 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. In his welcome address, he highlighted the major achievements of NITTTR, Chandigarh since the last academic council meeting. Prof Pattnaik highlighted the initiative of launching of online courses, model curriculum development in the emerging areas, offering of PG courses in the industry relevant areas like IoT, Robotics and AI. It was also informed that the departments are offering courses in the different categories like Skill based, Research Oriented, Advance Level, Pedagogy, etc. Professor Pattnaik hoped that addition of new faculty members will bring strength to the Departments while offering different market driven specialized courses and programmes. He informed the house that only such training programmes which are highly relevant and have market demands will be allowed in O.Plan as the internal revenue is used for conducting O.Plan programmes. He then asked the member secretary to continue the proceedings agenda wise.

**Previous Meeting:****ITEM NO. A 23.1 TO CONFIRM THE MINUTES OF THE TWENTY SECOND MEETING OF THE ACADEMIC COUNCIL HELD ON 14.03.2019**

As no comments were received, the Hon'ble Members confirmed the minutes of the Twenty Second meeting of the Academic Council held on 14.03.2019

**[Action: Academic Cell/FIA/ICSE]**



**ITEM NO. A 23.2/ A.22.2 TO NOTE THE ACTION TAKEN ON THE DECISIONS MADE IN THE TWENTY SECOND MEETING OF THE ACADEMIC COUNCIL HELD ON 14.03.2019**

The members were apprised of the action taken on various items of the 22<sup>nd</sup> meeting of the Academic Council as per the recommendation/suggestions of the members.

[Action: Academic Cell]

**ITEM NO. A.22.2/ 21.8 CONDUCT AND FUNDING OF STUDENTS RELATED ACTIVITIES**

Noted

[Action: Coordinator, TechSpardha]

**ITEM NO. A.22.2/ 21.7/ TO CONSIDER THE PROPOSAL FOR CONDUCT AND FUNDING OF STUDENTS RELATED PROFESSIONAL ACTIVITIES**

All the Engineering Departments were requested to provide their student chapter requirements at the earliest. A new committee to be formed to carefully look into the requirements and the benefits to the student community before considering for possible funding.

[Action: Academic Cell]

**ITEM NO. A.22.2/ 21.8: CREATION OF A FUND FOR SUPPORTING Ph.D SCHOLARS**

Members examined the proposal of the committee chaired by Prof. B S Pabla and approved in principle subjected to availability of funds for the same. It was also suggested that proper screening criteria to be adopted while granting scholarships to the students. The recommendation is forwarded to Finance Committee for approval.

[Action: Academic Cell]

**ITEM NO. A.22.2/ 21.9: ESTABLISHING A BUSINESS INCUBATION CENTRE AT NITTR, CHANDIGARH**

It was suggested to form a committee to look into the scope for networking with a Business Incubation Centre. It was also decided to review the existing start-ups and their scope of functioning in the campus.

[Action: HoD-EDIC]

**ITEM NO. A.22.4: 360 DEGREE FEEDBACK SYSTEM**

Noted

**ITEM NO. A.22.5: QUARTERLY PERFORMANCE APPRAISAL OF FACULTY MEMBERS**

The Members advised some minor changes to be incorporated in the present Quarterly Performance Appraisal Format. Hon'ble Director requested the members to share their opinion/corrections to the committee of Two Deans. Two Deans will go through the suggestions and submit a final report before forwarding to BoG for necessary action.

[Action: Deans]

**ITEM NO. A.22.7: DEVELOPMENT OF MODEL CURRICULUM OF COURSES IN EMERGING AREAS FOR AICTE, DELHI**

Noted

**ITEM NO. A.22.11: SIGNING OF MOU WITH IIT, NEW DELHI FOR IMPLEMENTATION OF UNNAT BHARAT ABHIYAN**

Noted. However, Dr. U N Roy will submit a progress report in next meeting of Academic Council.

[Action: Dr. U N Roy]

**ITEM NO. A.22.13: DEEMED-TO-BE-UNIVERSITY STATUS FOR NITTR, CHANDIGARH**

Noted.

**ITEM NO. A.22.14: VISION, MISSION AND STRATEGIC PLAN OF EVERY DEPARTMENT**

The members were informed about the Vision, Mission and Strategic Plan of all the Departments. The mechanism and tools for achieving vision and mission of the departments of the Institute as proposed by Prof. Sunil Dutt, HoD of EMGT Department was also considered. However, a committee shall be constituted to make the whole process aligned to NBA requirements.

[Action: All HoDs and Prof. Sunil Dutt]

**ITEM NO. A.22.15: PROPOSAL FOR FOUR NEW ME PROGRAMMES AND ONE MBA PROGRAMME**

Hon'ble Director requested Prof. C Rama Krishna and Prof. S S Dhama to liaison with the Panjab University to get the required approvals, so that the new programmes can be started from the coming academic session 2020-21.

[Action: Prof. C Rama Krishna / Prof. S S Dhama  
In coordination with Academic Cell]

**ITEM NO. A.22.16: DIGITIZATION OF DEPARTMENTAL RESOURCES**

Director requested ICSE Department to formulate proper instructions and guidelines for all the faculty members to upload the instructional materials at a central repository. Director informed that it is now mandatory for each faculty member to prepare one MOOC course in a year as per SWAYAM format.

[Action: HoD-ICSE]

**ITEM NO. A.22.17: PARTIAL USE OF IRG FOR HIRING EXPERTS FROM INDUSTRY AS ADJUNCT FACULTY TO**



**TEACH SUBJECTS OF EMERGING AREAS**

Members accepted and recommended the same to Finance Committee for consideration and approval.

**[Action: All Academic Department Heads]**

**Items for Reporting**

**ITEM NO. A. 23.3 TO REPORT ABOUT THE ACADEMIC CALENDAR IN RESPECT OF ME PROGRAMMES (BOTH REGULAR AND MODULAR) FOR THE SESSION 2020-2021**

Members of the Academic Council were appraised that the Academic Calendar in respect of ME Programmes (both Regular and Modular) for the Session 2020-21 has been sent to the Panjab University for approval vide institute's letter no. NITTTR/Academic Cell/9411-9412 Dated 22.01.2020.

**[Action: Academic Cell]**

**ITEM NO. A. 23.4 TO REPORT THE JOINING OF NEWLY RECRUITED FACULTY SINCE LAST MEETING OF THE ACADEMIC COUNCIL**

Members welcomed the newly recruited faculty to NITTTR Chandigarh.

**[Action: All Concerned]**

**ITEM NO. A. 23.5 TO REPORT THE ACHIEVEMENTS OF NITTTR CHANDIGARH IN NRC, SWAYAM MOOCS, 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 enrolled learner. The Director also informed that out of 48 NRCs, NITTTR, Chandigarh has got NRC for second consecutive time. The Director also informed that NRC of NITTTR, Chandigarh is the first to launch the programme as per the target given by the MHRD and got a rating of 4.7 out of 5 with the record participation of 8238 participants. Members appreciated the contributions and advised the Institute to focus on development of more such popular and useful on-line course materials.

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 students and teachers.

**[Action: HODs & All Faculty Members]**

**ITEM NO. A. 23.6 TO REPORT THE ACHIEVEMENTS OF LAST OPLAN 2019-20**

Professor and Head of ICSE Department presented the achievements of

NITTTR Chandigarh against the planned activities of the last OPLAN 2019-20. Chairman and the Members appreciated the achievement and asked the Departments to keep up their sincere efforts to raise the target and standards.

**[Action: HODs & All Faculty Members]**

**ITEM NO. A. 23.7 TO REPORT THE MOUs SIGNED BY THE INSTITUTE WITH OTHER ORGANIZATIONS**

Members noted the MoUs signed with various organizations like MC Chandigarh, Typhoon HIL, and Ulektz Learning Solutions. It was also advised to report the achievements or collaborative work done against these MoUs in the forthcoming meeting.

**[Action: HoD ICSE and Other HoDs]**

**ITEM NO. A. 23.8 TO REPORT THE STATUS OF SPONSORED PROJECTS AND CONSULTANCY ACTIVITIES ALONG WITH THE IRG GENERATED BY THE INSTITUTE**

The Hon'ble members were informed about the sponsored projects and consultancy activities undertaken by the faculty of the Institute. It was also informed to the members that this year 18 Projects were submitted to various funding agencies like DST for possible funding. Hon'ble Director informed the council that all the faculty members are advised to submit a proposal to funding agency in their area of expertise. Director appreciated the efforts of the faculty members who are involved in various sponsored projects and consultancy activities. The council showed their satisfaction over the institute's progress over research initiatives.

**[Action: All Faculty Members]**

**Items for Ratification**

**Item No. A. 23.9 FIXATION OF RENTAL CHARGES OF THE GUEST HOUSE FOR STC PARTICIPANTS**

Keeping in view the escalation of prices, increase in operational cost and the facilities provided in the rooms, the council ratified the decision on the revision of rental charges of the Guest House to Rs. 1000/- per room for STC participants.

**[Action: Estate Officer / FIA]**

**ITEM NO. A. 23.10 OFFERING ONLINE SKILL ORIENTED COURSES WITH ULEKTZ SKILLING ACADEMY**



The Hon'ble members were informed that the institute has signed MOU with Ulektz Skilling Academy for offering online skilling courses in the emerging areas like Cyber Security, Robotics, Digital Marketing, Data Science and Machine Learning, Python Programming, Industrial Automation, PLC and Communication Skills. Also, it was informed that NITTR will provide the joint certification along with Ulektz for the successful candidates. The members appreciated the initiatives undertaken of the institute and ratified the decision. Members advised the Institute to develop more such market driven courses.

[Action: HODs of Departments]

### Items for Consideration and Approval

#### ITEM NO. A. 23.11 TO APPROVE THE OPERATIONAL PLAN OF THE INSTITUTE FOR THE YEAR 2020-2021

In the Operational Plan of 2020-21, 306 Short Term Courses have been planned under contact mode, 81 courses through ICT mode, 14 students training programme, 26 workshops and 6 conferences are planned. The training programme have been categorized under 5 categories namely Pedagogy (51 courses) Skill oriented (60 courses), Industry supported (26 courses), Research oriented (81 courses) and Advance level (127 courses). All the departments of the institute have been clubbed under 4 clusters for offering cluster based programme. In the O. Plan 2020-21, 10 curriculum design projects, 18 print instructional material, 7 MOOCs and 19 video films have been planned. In addition, R&D/Sponsored projects, Extension Services and Consultancy Projects are also planned for the next academic year 2020-21. The members of the Academic Council deliberated and recommended to the BOGs for approval of O.Plan 2020-2021. Some of the activities not very relevant to technical education but requiring Institute fund may be deleted and new demand driven programmes may be added.

[Action: Professor-ICSE]

#### ITEM NO. A. 23.12 TO CONSIDER AND APPROVE TO DISCONTINUE ME (MODULAR) PROGRAMME / CHANGE THE MODALITY OF CONDUCTION OF ME (MODULAR) PROGRAMME

The members deliberated on the admission statistics of last five years in various modular programmes. It was observed that except Civil Engineering, in all other Departments the admission is very less. After the discussions, it was suggested to form a committee of senior faculty to conduct a survey and explore various other options/modalities of conducting modular programme, i.e., instead of 9 Spells, it can be conducted in flexible mode.

[Action: Academic Cell and All HoDs]

**ITEM NO. A.23.13 TO CONSIDER AND APPROVE TO START MBA PROGRAMME IN RURAL DEVELOPMENT AND ENTREPRENEURSHIP AND PG DIPLOMA IN RURAL AND ENVIRONMENTAL JOURNALISM**

EDIC Department proposed to start MBA Programme in Rural Development and Entrepreneurship jointly with Rural Development Department of NITTR. But, Prof. D P Agarwal raised the question on survivability/sustainability of the Programme. It was pointed out that as PG Diploma is also a 2 Year Programme, it may not attract students due to lack of degree nomenclature. Even though, the council approved to start these programmes in principle, it was decided to properly conduct a study and do a market survey before starting any such type of new courses. The Departments must come up with detail proposal before 10<sup>th</sup> March for possible launching of the such programme in this academic year.

**[Action: HoDs of EDIC and RD]**

**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 NANOPHOTONICS JOINTLY WITH PANJAB UNIVERSITY**

Members deliberated on starting new advance diploma courses, ME/M.Tech Programmes and M.Sc programme jointly with Panjab University, Chandigarh. Members from TechMahindra appreciated such move and informed that courses like digital marketing is of high demand from industry perspective. Members of the Council approved to start these courses in principle subjected to the necessary approvals from Panjab University, Chandigarh. It was suggested to design the contents of the course keeping in view of the industry demand.

**[Action: HoDs of Applied Science / Media Engineering / Mechanical Engineering / ICSE]**

**ITEM NO.A.22.15 TO CONSIDER AND APPROVE THE FEE STRUCTURE FOR NEW ME PROGRAMMES**

Hon'ble members approved the proposed fee structure for the new ME Programmes in Computer Science and Engineering (Specialization in IOT), in Mechanical Engineering (Specialization in Robotics), in Electronics and Communication Engineering (Specialization in Artificial Intelligence). Members of the council approved the proposed fee structure for new ME Programmes. The same is recommended to Finance Committee for consideration.

**[Action: Academic Cell]**

**ITEM NO.A.22.16 ANY OTHER ITEM WITH THE PERMISSION OF THE CHAIR**

- (i) Prof. B S Pabla raised the requirement of Patent Cell to facilitate the new findings of the faculty and students of the institute to get patented. In this regard, Director informed the members that a committee would be formulated to come out with the modalities of

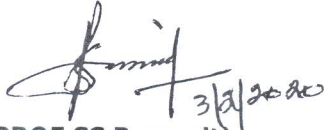


**ITEM NO.A.22.16 ANY OTHER ITEM WITH THE PERMISSION OF THE CHAIR**

- (i) Prof. B S Pabla raised the requirement of Patent Cell to facilitate the new findings of the faculty and students of the institute to get patented. In this regard, Director informed the members that a committee would be formulated to come out with the modalities of implementation of such facility with required financial assistance.
- (ii) Prof. SS Dhami suggested to allow Post-Doctoral Fellowship to be offered by the Institute with a sponsorship of any Industry and the same was accepted in principle. A committee will be formed to come out with the modalities of implementation of such fellowship.

**[Action: Academic Cell]**

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

  
(PROF SS Banwait)  
Member-Secretary

  
(PROF SS PATTNAIK)  
Chairman