NATIONAL INSTITUTE OF TECHNICAL TEACHERS TRAINING AND RESEARCH, SECTOR – 26, CHANDIGARH – 160019

AGENDA FOR THE 24th MEETING OF THE ACADEMIC COUNCIL SCHEDULED TO BE HELD AT NITTTR, CHANDIGARH ON 15.01.2021

CONTENTS

ITEM NO. A. 24.0   Welcome to the Chairman and Members of Academic Council

Previous Meeting

ITEM NO. A. 24.1   To confirm the Minutes of the 23rd Meeting of the Academic Council held on 03.02.2020

The minutes of the 23rd meeting of the Academic Council were circulated to all the members. As no comments were received from any member, the minutes already circulated may be taken as confirmed and recorded as such. A copy of the minutes is enclosed at **Annexure No. I** (page no. 1 to 9) for perusal.

(For Confirmation)

ITEM NO.A.24.2   To Note the Action taken on the decisions made in the Twenty Third Meeting of the Academic Council held on 03.02.2020

ITEM NO.	DECISIONS/RECOMMENDATIONS	ACTION TAKEN
ITEM NO.A. 23.2	**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 22nd meeting of the Academic Council as per the recommendation/suggestions of the members.	Noted
ITEM NO. A.22.2/ 21.8	**CONDUCT AND FUNDING OF STUDENTS RELATED ACTIVITIES** NITTTR is organizing an annual technical event called TechSpardha for PG students.	Due to pandemic, last year Techspardha could not be organized. We are planning to organize Techspardha2k21 in the month of April, 2021. Even in this situation online cultural programmes are arranged during the annual day of the Institute.
ITEM NO. A.22.2/ 21.7	**TO CONSIDER THE PROPOSAL FOR CONDUCT AND FUNDING OF STUDENTS RELATED PROFESSIONAL ACTIVITIES** The committee comprising of Prof. Maitreyee Dutta, Prof. Rupinder Singh and other faculty members which was constituted by the Director for evolving mechanism for operationalizing the activities of student's chapter of professional bodies by all the five engineering departments has already met once and prepared recommendation to be approved by the Director.	There are some funding agencies like Institution of Engineers, who provide very liberal grant for M.E and Ph.D scholars (ieindia.org). Each Department offering M.E and Ph.D programme must submit at least 1-2 proposals with this funding agency. Similarly, we may hire some students out of our sponsored research projects, so all departments. having M.E

		and Ph.D students must submit good number of projects to various funding agencies.
ITEM NO. A.22.2/ 21.8	**CREATION OF A FUND FOR SUPPORTING Ph.D SCHOLARS** A Committee was constituted by the Director, under the Chairmanship of Prof B S Pabla, to develop the scheme for "Earn While Learning (EWL)". The committee has prepared guidelines for implementation and monitoring of the scheme. The same was accepted in the Academic Council Meeting.	Due to COVID Situation this scheme was not implemented in the year 2020-21. It is proposed to implement in the next academic year 2021-22.
ITEM NO. A.22.2/ 21.10	**LAUNCHING OF NEW COURSES BY ETV DEPARTMENT** HOD, ETV Department was advised to evolve the proposal for starting some specialized PG diploma programmes from the academic session 2019-20.	UGC has approved PG Diploma course in Digital Marketing to be started from the A.Y. 2021-22
ITEM NO. A. 22.4	**360 DEGREE FEEDBACK SYSTEM** AICTE has given a guidelines vide their gazette notification dated 1st March 2019 regarding 360-degree feedback system of all the faculty members working in technical education system. As per gazetted notification documents the calculation of 360-degree feedback score shall be determined on the basis of five parameters namely Teaching process, Student's feedback, Departmental activities, Institute activities, Annual Confidential report and Contribution to society. It was felt in the meeting that the functioning of NITTTR, Chandigarh is different from the conventional engineering colleges. The Director has setup a committee under the Chairpersonship of Prof PK Tulsi to come out a comprehensive documents regarding the implementation of this system.	A Committee has been constituted by the competent authority to relook into the recommendations of Prof. P K Tulsi committee for effective implementation. The recommendations of the committee is in process. The same will after discussing in HoD meetings shall be placed in BoG.
ITEM NO. A. 22.11	**SIGNING OF MOU WITH IIT, NEW DELHI FOR IMPLEMENTATION OF UNNAT BHARAT ABHIYAN** NITTTR Chandigarh has been identified as one of the "Regional Coordinating Institutes" by the MHRD, GOI for contributing and implementation of Unnat Bharat Abhiyan, a flagship programme initiated by Government of India, in the 22 Districts of Punjab. The Hon'ble members were informed that NITTTR, Chandigarh has signed a Memorandum of Understanding (MoU) with National Coordinating Institute Unnat Bharat Abhiyan – Indian Institute of Technology, Delhi on 6 March 2019 at Delhi to work as a Regional Coordinating Institution (RCI) under UBA.	Prof. U N Roy to present the status.
ITEM NO.	**DEEMED-TO- BE-UNIVERSITY STATUS FOR NITTTR, CHANDIGARH**	A committee duly constituted by UGC had online interaction with

A. 22.13	The proposal along with the Detailed Project Report for the grant of Deemed to be University under denova category has been filed with UGC upon the receipt of NOC from MHRD.	the Institute in this regard on 12.01.2020. The recommendation is awaited.
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. A Committee comprising of Prof. B S Pabla as the Chairman and Prof. S K Dhameja as the Co-chairman with other faculty members were formulated by the Director to make the whole process aligned to NBA requirements.	First draft is ready. Prof. B S Pabla will elaborate further.
Item No.A.22.2-21.9	**Establish a Business Incubation Centre at NITTTR, Chandigarh** For finding out the scope for Networking with a Business Incubation centre, a committee has been constituted comprising of Head EDIC as Chairman and Dr. Harsh Vardhan Samalia, Er. Amardev Singh as a member of the Committee. It has been approved by the Director of the Institute. Efforts were made to explore the possibility of tie up with Chitkara Innovation Incubator at Mansa Devi Complex, Chandigarh and a meeting was held with Mr. Sumeer Walia, CEO of the above Incubation centre. Mr. Walia informed that the budding entrepreneurs of NITTTR, Chandigarh can avail the facilities of the above incubator centre subject to the availability of space and payment of necessary charges. Similarly, it was explored to network with EDC - SPIC Incubation Centre of Chandigarh administration at IT park Chandigarh and they informed that the potential entrepreneurs can take space and avail the facilities of above incubator centre as per their policies. Efforts will be made to further explore networking with other Business Incubators of the region.	As regards the review of existing start-ups and their scope of functioning in the campus, a committee comprising of Head EDIC as chairman and Dr. Harsh Vardhan Samalia, Er. Amardev Singh , Dr. KG Srinivasa and Dr. Rupinder Singh as a member of the Committee been approved by the Director. The Committee met on 08.01.2021. The minutes of the meeting of the committee are enclosed.
Item No.A.223.3	**To report the Academic Calendar in respect ME Programmes (both Regular and Modular) for the Session 2020-21** Approved Academic Calendar in respect of ME Programmes (both Regular and Modular) for the session 2020-21 by Panjab University could not be followed due Covid situation.	New calendar of Panjab University is followed. The first spell of Modular batch is started from December 2020 instead of June 2020 due to COVID 19.
ITEM NO. A.23.13	**Starting of MBA Programme in Rural Development and Entrepreneurship and PG Diploma in Rural and Environmental Journalism** The department of EDIC has made two proposals for starting 02 MBA programme in Rural Entrepreneurship to be offered in the academic year 2022-23 and MBA in Infrastructure Management to be offered in the academic year 2024-25.	Upon getting the deemed university status these programmes will be reviewed and launched from academic year 2022 – 23.

	This proposal has been detailed in the DPR of the Institute for getting deemed university status for the institute.	
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** Respective Departments are working on the requirements for starting these programmes. Once the Deemed to be University status are granted these programmes will be launched independently by NITTTR.	HoDs of Mechanical Engineering, CSE and Applied Science to present the status
ITEM No. A. 23.16	**Any other Items 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. A Committee under the chairmanship of Prof. SS Gill and Prof. C Ramakrishna is constituted by the Director to look into this issue.	The committee has got in touch with Punjab State Council for Science and Technology (PSCST) and formalities for establishment of Patent Cell / Patent Club shall be completed within one month.
	(*ii*) Prof. S S Dhami suggested to allow Post – Doctoral fellowship to be offered with sponsorship of any Industry. A Committee under the chairmanship of Prof. S S Dhami and Prof. Pankaj Sharma is constituted in this regard.	The minutes of the meeting is placed in **Annexure No. II** (Page No.)

Items for Reporting

ITEM NO.A.24.3:   **To report the Admission Statistics in respect of ME Programmes (both Regular and Modular) for the session 2020-21**

Total of 106 candidates are admitted in ME Modular Programme for the and 91 candidates are admitted in ME Regular Programmes for the Academic Year 2021-22. Copy of the statistics enclosed as **Annexure No. III** (Page No. _____) for reporting to the members of Academic Council.

(For Reporting)

ITEM NO.A.24.4:   **To report the Joining of Newly Recruited Faculty since last meeting of the Academic Council**

In reference to the various advertisements made during 2018 and 2019 the following faculty have joined this Institute at the levels of Professor and Associate Professor against the vacant post of different Departments:
1. Prof. Niraj Bala, Professor, EDIC Department
2. Dr. Harshavardhan Samalia, Associate Professor, EDIC Department

(For Reporting)

ITEM NO.A.24.5: **To report the achievements of NITTTR Chandigarh in SWAYAM MOOCs (As NRC) and AICTE NITTT SWAYAM MOOCs**

As a part of our MOOC initiatives NITTTR more than 25968 learners have enrolled in the year 2020-21 for our various MOOC courses as listed below:
ARPIT Course: Big Data Analytics for Smart Grid
Rerun: Self Learning Material Development, Graphics and Animation development, Research in Technical Education
NITTT Modules
1. *Creativity problem Solving, Innovation, and Meaningful R & D*
2. *Communication Skills*
3. Institutional Management & Administrative Procedures

(For Reporting)

ITEM NO.A.24.6: **To report recognition of Minor Centre of QIP (Engineering) Scheme for the year 2021-22 by AICTE**

Letter of approval of AICTE recognizing NITTTR, Chandigarh as the Minor Centre of QIP (Engineering) is placed in **Annexure No. IV** (Page No. _____) for reporting to the members of Academic Council.

(For Reporting)

ITEM NO.A.24.7: **To report the achievements of the last OPLAN 2020-21.**

Due to COVID situation, the Institute could not conduct contact mode programmes for the year 2020-21. Anyway, based on the demand and feasibility, the STCs are conducted in only online mode. The summary of the achievements of the last OPLAN 2020-21 is placed in **Annexure No. V** (Page No. _____ to ____) for reporting to the members of Academic Council.

(For Reporting)

ITEM NO.A.24.8: **To report the MoUs signed by the Institute with other Organizations.**

The summary of the MoUs signed by the Institute with other Organizations is placed in **Annexure No. VI** (Page No. _____) for reporting to the members of Academic Council.

(For Reporting)

ITEM NO.A.24.9: **To report the status of Sponsored Projects and Consultancy Activities along with the IRG Generated by the Institute.**

The summary of the sponsored projects obtained and the consultancy activities carried out by the Institute is placed in **Annexure No. VII** (Page No. _____) for reporting to the members of Academic Council.

(For Reporting)

Ratification

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**

As the Panjab University at its last stage has cancelled its temporary affiliation to new courses after the last date of admission, it was decided to get the affiliation of the new ME Programmes and UGC approved PG Diploma programmes with J.C. Bose University of Science and Technology, YMCA, Faridabad in continuation with our MOU with this University. J.C. Bose University of Science and Technology, YMCA, Faridabad has also recognized NITTTR, Chandigarh as its research centre for award of PhD Degree. The letters from the University is placed in **Annexure No. VIII** (Page No. _____).

(For Ratification and Approval)

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

Being Centrally Funded Technical Institute, to attract GATE qualified students, it was decided to participate in CCMT (Centralized Counselling for ME/M.Tech Programmes) from the year 2020 onwards. This year we have participated in the last round and got a good response of 31 candidates from CCMT counselling.

(For Ratification and Approval)

Items for Consideration and Approval

ITEM NO.A.24.12: **To consider and approve the Academic Calendar in respect ME Programmes (both Regular and Modular) for the session 2021-22**

The draft Academic Calendar in respect of ME Programmes (both Regular and Modular) for the session 2021-22 has been prepared. The same on approval will be communicated to affiliating universities for necessary considerations. Copy enclosed as **Annexure No. IX** (Page No. ____ to ___) for consideration and approval.

(For Consideration and Approval)

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ITEM NO. A.24.13: **To approve the Operational Plan of the institute for the year 2020-2021**

Draft operational plan of the institute for the year **2021-2022** has been prepared keeping in to consideration the requirement of stakeholders. A copy of the draft operation plan for the year **2021-2022** is **enclosed separately**. Members of the Academic Council may deliberate and recommend to Board of Governors for Consideration and Approval.

(For Consideration and Approval)

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

This is with reference our application for running skill-based programmes / courses. UGC has conveyed its approval for runing the following fresh programmes / courses under National Skills Qualifications Framework (NSQF) during the academic session 2020 - 2021:

Programme/s	Trade/Course
P.G. Diploma	Management and Entrepreneurship
P.G. Diploma	Management and Entrepreneurship/Managing Online Platform Based Business
P.G. Diploma	Electronics/Embedded Systems and IoT
P.G. Diploma	Electronics/Mobile Communications
P.G. Diploma	IT/ITes/Cyber Security
P.G. Diploma	IT/ITes/Digital Marketing

The institution must adhere to the following terms and conditions:

1. The institution shall run the courses in accordance with the provisions of the UGC Guidelines for Providing Skill-based Education under National Skills Qualifications Framework (NSQF).
2. The institution shall meet the requirements of infrastructure and laboratory facilities for running the skill-based courses.
3. If the institution is recommended for running skill-based courses in the fields like medicine, law etc., it shall meet the parameters specified by the concerned regulatory bodies / professional councils.
4. The courses will be offered on regular mode only. The Institution shall not run the courses on online / distance education mode and through franchise arrangements.

(For Consideration and Approval)

ITEM NO. A.24.15: **To Consider and Approve the adoption of Admission Criteria of respective affiliating university / GoI Norms**

As per our ME Prospectus, NITTTR Chandigarh is considering Aggregate of 60% Marks in qualifying examinations for considering the candidate eligible for admission. However, no relaxation is made of SC/ST candidates. It is proposed to drop this aggregate marks our criteria of

admission and suggested to follow the admission criteria of affiliating University.

<div align="right">**(For Consideration and Approval)**</div>

ITEM NO A 24.16: To Consider and Approve the new Proforma for Outstanding Institution Awards

An Internal committee to re-look to the existing proformas of Polytechnics and Engineering Colleges for Outstanding Awards was constituted by the competent authority. The committee met twice and had detailed discussion on the comments and changes proposed by the committee. Some additional questions were also proposed by the committee members which after due discussions, the proformas have been updated. A copy of the modified proformas of both Polytechnics and Engineering Colleges including marking scheme is enclosed in **Annexure X** (Page No. ___ to ____) for kind perusal of the members.

<div align="right">**(For Consideration and Approval)**</div>

ITEM NO A 24.17: To Consider Waiving–off of Application/Registration/Admission/ Tuition fee to be paid by Institute Faculty and Staff Registered for ME/PhD Programmes at this Institute

On the subject stated above the institute had taken up an item in the Finance Committee meeting scheduled on 24.10.2008, for waiving-off Tuition Fee for the faculty and staff registered for ME/Ph.D programmes being run by this Institute. The finance committee recommended that the Tuition Fee payable by the Institute Faculty/Staff registered for ME/Ph.D at the Institute itself may be waived off with prospective effect. However, such institute employees will have to pay the fee payable to the Affiliating University with which the Institute is presently affiliated to. Members of the Academic Council may consider recommending to Finance Committee to replace **tuition fee** *to* **any type of fee** payable to NITTTR, Chandigarh by the faculty and staff of the Institute who are registered for Ph.D programmes.

<div align="right">**(For Consideration and Approval)**</div>

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

It has been decided in the recent BoG to earmark Rs. 10 Lakhs/year to train the non-teaching staff of NITTTR. Keeping in view of the importance of training the non-teaching staff of the Institute in different domains, the competent authority has constituted the committee under the chairmanship of Prof. B S Pabla to prepare the training need analysis, Guidelines for sponsorship of staff members for training, financial implications, Training outcomes, and the proforma for appraisal of training of non-teaching staff by the training provider. The committee has prepared its recommendations as in **Annexure XI** (Page No. ___ to ___) and the same is placed for consideration and approval.

<div align="right">**(For Consideration and Approval)**</div>