

**ACADEMIC COUNCIL
HALDIA INSTITUTE OF TECHNOLOGY**
(An Autonomous Institute)
HIT Campus, Haldia
East Midnapore – 721 657

Minutes of the 141th Academic Council Meeting of Haldia Institute of Technology held on 2nd August, 2022 (by off-line mode) at 12.00 noon in the Tamalika Ponda Seth Conference Room of the Institute.

Members Present:

Prof. S. Mondal, Principal & Chairman, AC
Prof. R. Bhar, MAKAUT
Prof. A. B. Maity – MS, AC & Dean, SASH
Prof. A. K. Saha – Dean, Research
Prof. S. Paul – HOD, IT
Prof. S. S. Hota – HOD, CE
Prof. D. K. Jana – HOD, AS
Prof. S. Das, HOD, FT
Prof. T. K. Ghosh – HOD, CSE (AI & ML)
Dr. A. Mitra – HOD, MCA
Dr. A. Giri – HOD, MBA

Dr. U. K. Sen, Principal, HIDS
Dr. A. Mishra – Registrar, HIT
Prof. T. K. Jana – Dean, SE
Prof. B. Bepari – Dean, SW
Prof. P. P. Das – Controller of Exam.
Prof. G. K. Bose – HOD, ME
Prof. S. Joardar – HOD, CSE
Prof. C. K. De – HOD, ECE
Prof. U. Maji – HOD, AEIE
Dr. S. Samanta – HOD, CSE (CS)
Dr. S. Maity – GM, T&P

At the beginning of the meeting, the Chairman of the Academic Council heartily welcomed all the members to the 141th meeting of the Academic Council and hoped cooperation & valuable guidance from all distinguished members in transacting the business of the Council.

The Agenda Items were taken up for consideration as follows:

Agenda 141.01: To confirm the minutes of 140th Academic Council meeting held on 23rd February 2022.

The minutes circulated earlier were duly confirmed after discussion.

Agenda 141.02: Academic Calendar for Odd Semester 2022-23.

After extensive discussion the Academic Council approved the Academic Calendar for Odd Semester (July – Dec, 2022) in AY 2022-23, as per guideline of AICTE / Affiliating University MAKAUT [Annexure I]. In special case, due to admission process completion of newly admitted students of Lateral Entry (at 3rd Semester level of B.Tech programmes) and 1st yr, MBA; the Council approved the initiation of regular classes of those students from 16th August, 2022 onwards. Under improved COVID-19 situation, henceforth all academic activity of the Institute should be in offline mode.

Agenda 141.03: Examination results of Odd Semester 2021-22 under Autonomy (publication date 26/03/2022) and Odd/Even Semesters under MAKAUT (publication date 03/02/22 & 30/06/2022).

After discussion, the Academic Council approved the results of Odd Semester 2021-22 under Autonomy and Odd/Even Semesters under MAKAUT presented by the Controller of Examination. The Council thanked all HOD / concerned faculty members for excellent results in said End Semester Examination and also requested all HODs for maintaining the existing 'Result Feedback System' of the Institute for further improvement of teaching-learning process [Annexure II].

Agenda 141.04 UG/PG Program Extension of Approval (EoA) from AICTE for AY 2022-23

The Council appreciated on AY 2022-23 Extension of Approval (EoA) from AICTE and affiliating University for (i) increase of student intake of IT (UG) from 120 to 180, (ii) induction of new programme – Agricultural Engineering (UG with 60 intake), Power Systems (PG-EE with 12 intake) and Structural Engineering (PG-CE with 12 intake). In total for AY 2022-23, Institute is going to adapt 14 UG Programmes, 7 Technical PG Programmes alongwith MBA and MCA comprising 1440 UG intake and 204 PG intake [Annexure-III].

Agenda 141.05 Discussion / Approval of Curricula & Syllabus for newly introduce PG Programs of (i) Power Systems (EE), (ii) Structural Engineering (CE), (iii) only 1st yr Common Curricula of Agricultural Engineering (UG Program) [with due approval from respective Board of Studies (BOSs)] and Syllabus Feedback Systems for UG/PG programmes of the Institute.

The Academic Council after extensive discussion approved the 'Complete Curricula & Syllabus' of newly introduce PG Programs of (i) Power Systems (EE), (ii) Structural Engineering (CE) and (iii) only 1st yr Common Curricula of Agricultural Engineering (UG Program) for the moment being. Those Curricula & Syllabus of UG / PG programs are also duly approved by respective Board of Studies (BOSs) of the Institute [Annexure IV]. On discussion of Syllabus Feedback Systems for UG / PG programs, it was decided that respective HODs would review & revisit the feedback comments for necessary amendments (if required) through respective BOS.

Agenda 141.06 Status of NAAC (Institute wise) / NBA (for AEIE, ECE, EE programs) / NIRF (National Institute Ranking Framework), etc.

i) On discussion of present status of NAAC accreditation (Institute wise), Prof. T. K. Jana, Coordinator - IQAC informed the house that current NAAC Grade-A (with 3.31 CGPA) accreditation is valid up to 31 December, 2025 [Annexure-V] and as per requirement of NAAC, adaptations of different value-aided courses on emerging areas (duly approved by respective BOSs) of all UG / PG programmes have implemented for AY 2021-22 and same also be followed for AY 2022-23. After discussion the Council also approved the NAAC AQAR 2021-22.

ii) On discussion of present status of NBA accreditation (Program wise), it was informed that all eligible 10 nos of UG programs of the Institute are NBA accredited. For re-accreditation of 03 UG (AEIE, ECE & EE) programs, the NBA team concluded their visit on 17th June, 2022 whose results are expected soon. For purpose of re-accreditation of another 07 UG programs (valid up to 2023) like - ME, CHE, CE, CSE, IT, BT and FT, concerned HODs are requested to start all necessary preparation.

iii) It was also reported that the present NIRF-2022 rank of the Institute is not up to the mark (251-300 band). For its future improvement purpose, the Council discussed in details and recommended immediate steps for enhancing the number of - reputed Journal publications, quality of journal publication / book / book chapter, receiving sponsored research grants, patents, consultancy works, etc. by all academic departments of the Institute.

Agenda 141.07 Research Projects / Consultancy Works / MOUs, etc. during AY 2021-22.

The Council noted that during AY 2021-22, considerable initiations on research project, consultancy works, etc. have been exhibited by the Institute alongwith various academic departments, as follows:

i) Haldia Institute of Technology achieved the milestone (among one of the 49 Institutions chosen across the country) for the development of AICTE-IDEA laboratory (Lab Project cost: 109.99 lakh with 50 % from AICTE & 50% from Institute). Installations of various equipments of the said laboratory are already over.

ii) Presently 4 nos Major Sponsored Research Projects from DST, DBT / CSIR / Industry with Project value ~ 87.28 lakh (in BT, ME, AS Depts) and 6 nos Minor projects from IICHe, Institute, etc. (in CHE, ECE Depts) are going on. Besides, 67 nos of submitted fresh Research Projects are under consideration from DST, AICTE, CSIR, etc.

iii) The Institute also recognized as the "HOST Institute" by Ministry of MSME, Govt. of India. For this, the Institute awarded Rs 100 lakhs for installations of various machinery / software alongwith 7 nos of Incubation Projects (with cumulative max Project value ~ 105 lakhs).

iv) Several consultancy works have been initiated under IIPC for - (a) design coating for the rollers of the conveyer against corrosion with International Sea Ports (by ME Department) -1.5 Lakhs, (b) Residual life analysis of 5 jetties of Kolkata Port Trust, Haldia (by CE Department) -11 Lakhs, (c) Survey work with Indian Coast Guard , Haldia (by CE Dept) - 0.4 lakh, (d) Preparation of DPR & set up of a Caustic Soda Plant, Grow Capital for Trading Estd. (by CHE & SAS Depts) - Rs 2.0 lakhs, etc.

v) The Institute also executed MOUs with CIPET, Haldia and EDI, Kolkata for the partnership in Training & Design areas.

Agenda 141.08 Research Publications (in - Journal / Book / Book-Chapter / Conference), Seminar Workshop / FDP / Webinar (organized and attended) / Patent, etc. in the AY 2021-22.

It was reported to the house that during AY 2021-22, following are the achievements of various academic departments regarding research publications / seminar / workshop / FDP / patents, etc:

- a) 169 nos of Journal paper & 107 nos of Conf. Paper publications
- b) 24 nos of Books & 97 nos of Book Chapters
- c) Seminar / Workshop / FDP / Webinar: organized - 72 and participated – 994
- d) Patent: obtained - 1 and filed – 12

Once again, the Council requested all HODs to take outmost initiations for improving the quality and quantity of research publications, patents by involving all faculty members of respective departments.

Agenda 141.09 Training / Workshops / Institute's Outreach Activities under IIPC of the Institute.

The Council also noted that during AY 2021-22, the Industry-Institute Partnership Cell (IIPC) of the Institute (in association with various academic departments) has taken major initiations with following activities:

a) IIPC in collaboration of AICTE-IDEA laboratory organized in-house Training / FDP programme on several emerging technological areas like – (i) Additive Manufacturing & Embedded System; (ii) Skilling Programmes for Students on CNC Machining with 3D Printing; (iii) Manufacturing & Fabrication of Polymer Composite Board; (iv) Skilling Programmes for Students on PCB Design & Circuit Realisation, etc (with participant ~ 12-20). Several more such training programmes are in the process.

b) Under the scheme of Institute's Outreach Activity, the IIPC has been acting as 'Nodal Centre' of Indian Institute of Remote Sensing [ISRO] and presently offering E-Training on – (i) Artificial Intelligence for Earth observation and Geodata Handling and Processing, (ii) Global Navigation Satellite system and Location based services, (iii) Hyper-spectral and Microwave Remote Sensing Techniques for Geological Studies, (iv) Machine Learning to Deep Learning : A journey for Remote Sensing Data Classification, etc.

Agenda 141.10 Training & Campus Placement Activities – 2022/23 batch of student

On discussion of T&P activities alongwith road map for 2023 Batch campus hiring, GM-T&P reported to the Council following activities cum action plan:

i) For 2022 pass out batch, the overall placement has reached ~ 92.76%. The major IT recruiters were - Wipro, CTS, Capgemini, Accenture, Infosys, TCS, MIndtree, HCL, EY, PWC, IBM, Hexaware, Tech Mahindra, etc. with average package of ~ 5.5 LPA.

ii) For 2023 batch, the necessary preparatory measures including Grooming Sessions, Student Connect Programme by TCS, Infosys, Capgemini, MIndtree and HCL have scheduled already.

Agenda 140.11 Any other matter with permission of the Chair

With permission of the Chair,

i) COE pointed out the need for fixation of duplication charge regarding lost Grade Card / Certificate, etc. of student. Following University guideline, the Council approved (a) Rs 500/- for issuing duplicate Grade Card and (b) Rs 1000/- for the duplicate Certificate.

ii) Registrar requested all HODs to take more initiations on monitoring daily classes, student interaction, student mentoring, research / consultancy works, etc.

The meeting ended with vote of thanks to the Chair.



Prof. S. Mondal
Chairman



Prof. A. B. Maity
Member Secretary

CC. The Hon'ble Chairman, HIT
The Vice Chairman, HIT
The Secretary, HIT
The Principle, HIT
Prof. Radhaballbh Bhar, MAKAUT
Prof. Sukhendu Samajdar, MAKAUT
Prof. Sriyankar Acharyya, MAKAUT
The Principal, ICARE-IMSR & DR. B.C. Roy Hospital
The Principal, HIDS
Dr. Arunabha Mishra, Assoc. Professor, Vidyasagar College
The Deans, HIT -----
The Registrar, HIT
The HODs/TICs (HIT) – AEIE, ME, CHE, AS, EE, CE, ECE, CSE, CSE(AI & ML), CSE (DS),
CSE (CS), IT, BT, FT, MCA & MBA
The GM, Training & Placement, HIT
The Controller of Examination, HIT
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