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

Minutes of the 143th Academic Council Meeting of Haldia Institute of Technology held on 3rd August, 2023 (by off-line mode) at 12.00 noon in the Tamalika Conference Hall of the Institute.

Members Present:

Prof. S. Mondal - Principal & Chairman, AC
Dr. A. Mishra - Registrar, HIT
Prof. T. K. Jana - Dean, SE
Prof. R. Das - Dean, SCB&T
Prof. S. Paul - HOD, IT
Prof. S. S. Hota - HOD,CE
Prof. D. De - HOD, EE
Prof. T. K. Ghosh - HOD, CSE (AI & ML)
Prof. S. Samanta - HOD, CSE (CS)
Dr. A. Mitra - HOD, MCA
Mr. S. Mukharjee - TIC, CSE (DS)
Dr. S. Maity - GM, T&P

Prof. S. Samajdar - MAKAUT
Dr. A Mishra - Vidyasagar College, CU
Prof. A. B. Maity - MS, AC & Dean, SASH
Prof. P. P. Das - Controller of Exam
Prof. S. B. Kuila - HOD, CHE
Prof. G. K. Bose - HOD, ME
Prof. S. Joardar - HOD, CSE
Prof. C. K. De - HOD, ECE
Prof. U. Maji - HOD, AEIE
Dr. A. Giri - HOD, MBA
Dr. A. Biswas – Asst Prof. AE

At the beginning of the meeting, the Chairman of the Academic Council heartily welcomed all the members to the 143th 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 143.01: To confirm the minutes of 142th Academic Council meeting held on 15th March 2023.

The minutes circulated earlier were duly confirmed after discussion.

Agenda 143.02: Academic Calendar for Odd Semester 2023-24.

After extensive discussion the Academic Council approved the Academic Calendar for Odd Semester 2023-24, as per guideline of AICTE / Affiliating University MAKAUT [Annexure I].

Agenda 143.03: AICTE Extension of Approval (EoA) for UG/PG Program during AY 2023-24.

The Council appreciated on the 2023-24 AICTE approval list of 14 nos UG programs (with increase intake in CSE-Data Science & CSE-Artificial Intelligence & Machine Learning from 60 to 120) alongwith 9 nos PG programs including MBA and MCA. The present student intake of the Institute in UG: 1560 and PG: 204 for AY 2023-34..

Agenda143.04: Examination results of UG & PG (2nd, 3rd and 4th Years) Even Semester AY 2022-23 under Autonomy / MAKAUT and Result Grading Methodology of the Institute from AY 2022-23 onwards.

After discussion, the Academic Council noted and approved the results of UG & PG (2nd, 3rd & 4th Years) Even Semester AY 2022-23 under Autonomy, as presented by the Controller of Examination [Annexure II]. The Council also requested all departmental HODs for critical analysis of the result

(particularly on some poor performance in discrete subjects / papers) and shared its findings with Principal / Registrar for preventive measures.   .

Furthermore after discussion, the Council also accepted the recommendation of Examination Committee (meeting held on 27.09.2022) for conferring CGPA in Final Semester Result (instead of DGPA) from AY 2022-23 onwards for better interest of students.

Agenda 143.05: Discussion / Approval of Curricula & Syllabus for newly introduce UG Program in Agricultural Engineering (only for 1st & 2nd yr) alongwith minor modification in Group division of 1st yr Common Curricula (approved by respective BOSs) for all UG Programs of the Institute.

After long deliberation, the Academic Council accepted recommendations of BOS in Agricultural Engineering (consisting with Dept. Faculty / Subject Experts from outside of the Parent Univ. / Univ. Nominee / Industry Experts, etc) on details of Curricula & Syllabus of 1st yr (Common to all B.Tech) and 2nd yr Syllabus (of Agricultural Engineering) for the moment being. It was also informed that the same for 3rd yr & 4th yr will be completed shortly by the said BOS.

Besides, the Council also approved (as per guideline of AICTE) the following group formation for execution of 1st yr Common Curricula for all existing UG Program of the Institute:

Group-A: All non-IT based programme like - Mechanical Engineering (ME), Chemical Engineering (CHE), Civil Engineering (CE), Electrical Engineering (EE), Electronics & Communication Engineering (ECE), Applied Electronics & Instrumentation Engineering (AEIE), Biotechnology (BT), Food Technology (FT), Agricultural Engineering.

Group-B: All IT-based programme like – Computer Science & Engineering (CSE), Computer Science & Engineering (Cyber Security), Computer Science & Engineering (Data Science), Computer Science & Engineering (Artificial Intelligence & Machine Learning), Information Technology.

Agenda 143.06: Status of NAAC and NBA of the Institute.

It was reported that the Institute presently enjoying NAAC Grade-A (with 3.31 CGPA) accreditation valid up to 31 December, 2025. For the purpose of NAAC AQAR, all HODs were requested to report details of percentage (%) of new courses introduced (Year wise) in respective curricula of UG / PG programs and student feedback reports (during present NAAC assessing period) to the Institute's NAAC Coordinator.

On discussion of NBA activities, it was also highlighted that presently all eligible 10 nos of UG programs (AEIE, ME, CHE, EE, CE, ECE, CSE, IT, BT and FT) of the Institute are NBA accredited. Recently NBA Expert Team conducted evaluation (on 13 May, 2023) for re-accreditation of 03 UG (IT, CE & FT) programmes and approved all for another 3 yrs term (AY 2023-24 to 2025-26). For the purpose of re-accreditations of 04 UG programs (CSE, CHE, ME and BT), respective HODs were requested to ensure all necessary document submission before October, 2023 for tentative NBA visit during December, 2023.

Agenda 143.07: Research Projects / Consultancy Works / MOUs, etc. during AY 2022-23.

During discussion, it was reported that during AY 2022-23, considerable initiations have been exhibited by various academic departments of the Institute with following details:

a)   The AICTE-IDEA Lab (Project value ~ Rs 1.10 CR) of Haldia Institute of Technology has been in full operational state and taking-up various activities like - Skilling Programs for Students / Professionals, FDP, Boot Camps, Awareness Workshops for Industry, etc. in areas like - 3D printing, Drone Making, PCB Design & Circuit Realization, CO_2 Laser Cutting, Additive Manufacturing, Fabrication of Polymer Composite, etc.

During AY 2022-23, the AICTE-IDEA Lab executed 21 nos of programs on various fields with the beneficiary no ~ 412. The Council requested to enhance technical collaboration of AICTE-IDEA Lab with Industry through sponsored project / consultancy for self sustaining purpose.

b)   The Institute has also been recognized as the "HOST Institute" by Ministry of MSME, Govt. of India. Till now for MSME activities, the Institute awarded: (i) Rs 1 CR for Central Machinery Support, (ii)

1.05 CR for 7 nos of Incubation Projects in phase-I, (iii) 0.60 CR for another 4 nos of Incubation Projects in phase-II [Annexure III].

c)   On-going Research Projects - (i) 5 nos Major Projects from DST, CSIR, ICMR-DHR, etc. with project value ~ 1.2 CR (in Dept. of ME & AS) and (ii) 6 Minor projects from IIChE, Institute, etc. (in CHE, ECE, MBA Depts.).

d)   Presently, 3 nos of consultancy works are in-progress and 5 nos were completed under IIPC in areas like – (i) design coating for the rollers of the conveyer against corrosion with International Sea Ports (by ME Dept.), (ii) Residual life analysis of 5 jetties of Kolkata Port Trust, Haldia (by CE Dept.), (iii) Survey work with Indian Coast Guard-Haldia (by CE Dept), (iv) Preparation of DPR & set up of a Caustic Soda Plant, Grow Capital for Trading Estd. (by CHE & AS Dept.), etc.

e)   The Institute already executed MOUs with – (i) 11 nos of Academic Institutes for collaborating research, student exchange, etc.; (ii) 16 nos of Industries for training of student and (iii) 12 nos of Industries for Mandatory Student internship, etc.

Agenda 143.08: PhD works / Research Publications (in - Journal / Book / Book-Chapter / Conference), Seminar / Workshop / FDP / Webinar (organized and attended) / Patent, etc. in the AY 2022-23.

It was reported to the house that during AY 2022-23, following are achievements of various academic departments regarding research publications / seminar / workshop / FDP / patents, etc:

a)   Faculty members: Acting PhD guide – 28, received PhD degree – 8 and on-going PhD – 66
     Under guidance of our Faculty members: PhD received - 6 and on-going – 36.

b)   Paper publication: Journal paper - 138 & Conf. Paper - 68

c)   Book / Book Chapter publication: Books - 16 & Book Chapters - 119

d)   Seminar / Workshop / FDP / Webinar: Organized – 49, E-content / Video developed - 57

e)   Seminar / Workshop / FDP / Webinar: Attended: Seminar – 138, FDP – 690 and Workshop / Webinar - 88

f)   Patent: published / obtained - 11 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 143.9: Training & Campus Placement Activities – 2023/24 batch of student

On discussion of T&P activities alongwith road map for 2023/24 Batch campus hiring, GM-T&P reported to the Council following activities cum action plan:

a)   For 2023 pass-out batch, the overall placement was ~ 91%. The major IT recruiters were - CTS, Capgemini, Accenture, TCS, Mindtree, HCL, PWC, IBM, Hexaware, Tech Mahindra, etc. with average package of ~ 5.5 LPA.

b)   For 2024 pass-out batch, campus drive shall start from late August- September, 2023. Accenture has been offered the shared 1st slot. Proposal for shared 1st slot has also been sent to few more mass-recruiting MNCs. Recent poor market scenario forecasted delay trend in campus recruitment for 2024 pas-out batch.

c)   During discussion on present placement scenario, all HODs were requested once again to take necessary steps on preparation of their students for campus placement as well as GATE / GRE examinations.

Agenda 143.10: Any other matter with permission of the Chair

With permission of the Chair, Registrar requested all HODs to take initiations for necessary changes (if needed) in respective BOS compositions of various departments of the Institute for prior approval from affiliating University MAKAUT latest by 15th September, 2023.

The meeting ended with vote of thanks to the Chair.

Prof. S. Mondal 07/08/2024
Chairman

Prof. A. B. Maity 07/08/2023
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, HIDSR
    Dr. Arunabha Mishra, Vidyasagar College, CU
    The Deans, HIT --------------------
    The Registrar, HIT
    The HODs/TICs (HIT) – AE, 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
    Office File

HALDIA INSTITUTE OF TECHNOLOGY
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ACADEMIC CALENDAR of 2023-2024

Odd Semester AY 2023-24 (July-December, 2023)

01.	Commencement of Academic Programme (3rd, 5th, & 7th Sem)	July 03, 2023
02.	Enrollment of Students (3rd, 5th, & 7th Sem)	July 10 - 26, 2023
03.	Commencement and Enrollment of 1st Semester Students	As per Govt. Notification
04.	Submission of Continuous Assesment (CA1) [Except 1st yr UG/PG]	August 28 - September 1, 2023
05.	Submission of CA2 & PCA1	October 9 - 13, 2023
06.	Submission of CA3 & PCA2	November 6 - 10, 2023
07.	Submission of Exam Forms	Relevant notice will be available in the Institute / University website
08.	Practical / Sessional & Viva-Voce Examinations	November 28 - December 5, 2023
09.	Marks submission for Practical / Sessional & Viva-Voce Exam.	December 6 - 12, 2023
10.	End Sem. Theory Examinations	December 11 - 29, 2023
11.	Commencement of Even Sem.	January 8, 2024
12.	Publication of Result	Result will be announced in the Institute website

Under Autonomy Programs, Supplementary Examination for backlogs will be held within one month of End-semester result publication. For other cases, University norms will be applicable.

Prof. S. Mondal
Principal

Principal
Haldia Institute of Technology

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Examination Results of UG & PG (2nd, 3rd & 4th Years) Even Semester 2022-23 (publication date 18.07.23 & 03/08/2023)

Grade Point in % of student	< 5	5 - < 6	6 - < 7	7 - < 8	8 - < 9	9 & Above	Total no of student
B.Tech 2nd Year (4th Semester)	17.65%	02.16%	20.24%	31.77%	22.26%	05.91%	1388
B.Tech 3rd Year (6th Semester)	08.41%	01.37%	16.75%	39.32%	29.91%	04.24%	1391
B.Tech 4th Year (7th. Semester)	00.99%	00.33%	03.28%	23.89%	54.35%	17.16%	1218
M.Tech 2nd Year (4th Semester)	00.00%	00.00%	06.90%	06.90%	10.34%	75.86%	29
MBA 2nd Year (4th Semester)	00.00%	00.00%	00.00%	15.52%	50.00%	34.48%	58
MCA 2nd Year (4th Semester)	00.00%	00.00%	00.00%	13.56%	52.54%	33.90 %	59

03.08.2023

Controller of Examinations
Haldia Institute of Technology

Controller of Examinations
Haldia Institute of Technology

MSME HIT INCUBATION CENTER

➤ Haldia Institute of Technology (HIT) is recognized as "Host Institute" by the Ministry of Micro , Small & Medium Industries in the year 2022.Host Institute has the responsibilityto set up Business Incubator (BI) and provides the space, equipment, lab and all the auxiliary support to the incubate for nurture of his ideas for the business activities.

➤ HIT would be provided financial assistance up to Rs 1 Cr for Plant & Machinery.

➤ For the ideas approved of any MSME/students/others, up to 15 Lakhs will be provided for implementing the ideas.

➤ Result of **MSME IDEA HACKATHON 2022**

SN No	Name	Title
1	Pijus Kanti Khatua	Low cost composite toilet door using renewable fast growing cellulose material jute and bamboo with thermo-setting resin adhesive
2	Radharani Das	Production of SiO_2 Nano Powder from Rice Husk (Crop Residue) for its Industrial Uses Waste to Wealth
3	Mukesh Singh	Development of nano-composite film as a packaging material enhancing shelf-life and sensing microbial contamination of cut vegetables and fruits
4	Tarun Kanti Jana	Development of Cyber Physical Machine Tool
5	Siddhartha Samanta	Conducting polymer based water purifiers that are removed heavy metal ions such as As(V), As(III), Pb(II), Hg(II), Cr(VI) from waste water.
6	SWATI RAY	Agri-Tech SaaS, for Logistics supply chain with Storage management.
7	Hrishikesh Ray	Development of Food colors and dyes utilizing waste flowers

➤ Result of **MSME IDEA HACKATHON 2.0**

Sl.no.	Name	Title
1	Debasis Maji	Prevalence of Diabetic Retinopathy and its Associated Factors in a Rural Area Based on Deep Learning for Computer aided Diagnosis
2	Tapas Kumar Manna	Development of Solar powered zero discharge roof top water purification system for domestic and Industrial use
3	Pijus Kanti Khatua	Development of modified chimney to arrest carbon dioxide gas and carbon soot from different industrial chimney
4	Suman Jana	Bamboo fibre reinforced biodegradable plastic bag