



HINDUSTAN

INSTITUTE OF TECHNOLOGY & SCIENCE
(DEEMED TO BE UNIVERSITY)

Minutes of the Meeting

39th Meeting of the Academic Council

Held on: 04-11-2023 (Saturday)

Time: 11 am.

Venue : Academic Council Hall, 5thFloor, Founder's Block.

Members Present:

Mr. Ashok Verghese, Pro Chancellor chaired the meeting.

S.No.	Name of member	Designation	Position
1.	Dr. S. N. Sridhara	Vice-Chancellor	<i>Chairperson</i>
2.	Dr. R.W. Alexander Jesudasan	Pro Vice Chancellor	Member
3.	Dr. N. Manoharan	Director, Projects	Member
4.	Dr. Pon Ramalingam	Director, IQAC	Member
5.	Dr. S. Gomathi Nayagam	Former Director-General, National Institute of Wind Energy, Chennai.	Industry Expert Member
6.	Dr. John Philip	Associate Director, IGCAR, Kalpakkam, Chennai.	Industry Expert Member
7.	Dr. Annie Jacob	Director, KCG College of Technology, Chennai.	Member
8.	Mr. Enid Verghese Jacob	Deputy Director	Member
9.	Dr. C. Kezi Selva Vijila	Controller of Examinations	Member
10.	Dr. J. M. Mathana	Dean, Research	Member
11.	Dr. Angelina Geetha	Dean, Engineering & Technology	Member
12.	Dr. R. Asokan	Dean, School of Aeronautical Sciences	Member
13.	Dr. Sheeba Chander	Dean, SPADE	Member
14.	Dr. P.V. Nagendra Sarma	Dean, School of Law	Member
15.	Dr. R. Karuppasamy	Dean, School of Management	Member



S.No.	Name of member	Designation	Position
16.	Dr. S. Marcelin Pushpa	Dean, SLAAS	Member
17.	Dr. C. Ramesh	Dean, SAHS	Member
18.	Prof. K. Ilango	Dean, School of Pharmacy	Member
19.	Dr. K. S. Shaji	Dean, Student Affairs	Member
20.	Dr. P. Vasanthakumar	Professor & HoD, Dept. of Aerospace Engg.	Member
21.	Dr. P. Vijayabalan	Professor & HoD, Dept. of Mechanical Engg.	Member
22.	Dr. A. L. Vallikannu	Professor & HoD, Dept. of ECE	Member
23.	Dr. M. Sambath	Asso. Professor & HoD, Dept. of IT	Member
24.	Dr. N. Mahiban Lindsay	Asso. Professor & HoD, Dept. of EEE	Member
25.	Dr. R. Devanathan	Professor (Emeritus)	Member
26.	Dr. M. K. Badri Narayanan	Professor and HoD, School of Management	Member
27.	Dr. J. Thangakumar	Asso. Professor and HoD, Dept. of CSE	Member
28.	Dr. R. Maruthi	Asso. Professor and HoD, Dept. of Computer Applications	Member
29.	Dr. M. Jaikumar	Professor and HoD Dept. of Automobile Engg.	Member
30.	Dr. V. Preethi	Professor and HoD, Dept. of Civil Engg.	Member
31.	Ms. P. C. Devisree	Asso. Professor and HoD, SPADE	Member
32.	Ms. Ami Agarwal	Head, CODE	Member
33.	Dr. R. M. Kuppan Chetty,	Professor & HoD, Dept. of Mechatronics	Member
34.	Dr. Sonu Joseph	Asso. Prof & HoD, Dept. of Languages	Member
35.	Dr. D. Piriadharshani	Professor and HoD, Science and Humanities	Member
36.	Dr. T. Sudalai Muthu	Professor and Coordinator, IQAC	Member



S.No.	Name of member	Designation	Position
37.	Dr. A. Sherine	Professor and Head Rankings	Member
38.	Dr. J. Dominic	Chief Librarian	Member
39.	Mr. Salim Mahmood	Deputy Director (Admissions)	Member
40.	Dr. Muthukumar Subramanian	Registrar	Member Secretary

Leave of absence granted to the following members:

S.No.	Name of member	Designation
1.	Dr. Anand Jacob Verghese	Chancellor
2.	Dr. Aby Sam	Executive Director
3.	Dr. John Varghese	Principal, St. Stephen's College, New Delhi.
4.	Dr. A. K. Ghosh	Former Professor, Aerospace Engineering Department, IIT, Kanpur.
5.	Dr. Geeta Madhavan	Senior Advocate, Chennai.

1. Welcome address by the Registrar.

Dr. Muthukumar Subramanian, Registrar extended warm welcome to the members in his welcome address and briefed the agenda of the meeting.

2. Opening remarks by the Vice Chancellor.

Dr. S. N. Sridhara, Vice-Chancellor thanked all the stakeholders for getting accredited by NAAC with A+ grade. He assured to take efforts to achieve NAAC A++ in the next cycle. He also informed that the efforts have been taken to attain the NIRF score within 100 and complete the NBA accreditation for MBA, MCA, M.Tech. (Aeronautical Engg.), and B.Tech. (Bio technology) at the possible earliest.



3. Address by the Pro Chancellor.

Mr. Ashok Verghese, Pro Chancellor in his address,

- Appreciated the members for achieving NAAC A+ score, IET accreditation (one of the top 10 institutions in India) and THE Rankings.
- Claimed that through these international accreditations HITS has scaled up in the global forum of higher education.
- Appreciated the admission team for getting 3700 admissions in the current academic year and encouraged to increase it to above 4000 in the coming year.
- Pointed out that the importance of improving the quality education and providing better learning infrastructure for further development.
- Encouraged the departments to offer online degree / certificate programmes along with CODE.

4. Confirmation of the Minutes of the 38th Meeting of the Academic Council held on 13-05-2023.

The Registrar placed the Minutes of the 38th Meeting of the Academic Council for approval.

The members approved the minutes.

The Vice-Chancellor requested the new members of Academic Council to introduce themselves.

The following faculty members introduced themselves

1. Dr. R. Karuppasamy, Dean, School of Management,
2. Dr. S. Marcelin Pushpa, Dean i/c, SLAAS
3. Dr. M. Sambath, HoD / IT
4. Dr. N. Mahiban Lindsay, HoD/EEE
5. Ms. P. C. Devisree, HoD/SPADE
6. Dr. J. Dominic, Chief Librarian
7. Dr. Sonu Joseph, HoD/Languages

5. Confirmation of the Action Taken Report on the Minutes of the 38th Meeting of the Academic Council held on 13-05-2023.

The Registrar placed the Action Taken Report on the Minutes of the 38th Meeting of the Academic Council for approval.



The Action Taken Report was approved by the members with the following suggestions.

- Dr. Pon Ramalingam, IQAC Director enquired about the digital depository.
COE replied that almost 5 years' data and around 8000 certificates were uploaded in the National Academic Digital Depository. Academic Bank of Credit (ABC) ID have been created and 3000 students have registered with ABC and their credits, mark sheets are yet to be uploaded in the Digilocker. It will be completed at the possible earliest.
- Dr. T. Sudalaimuthu, IQAC Coordinator explained about the Academic Audit committee, it is chaired by Dr. Aby Sam, Executive Director, Pro Vice Chancellor, Dean E&T and COE are the members. The Curriculum and Syllabi are reviewed by the committee before presenting it in the upcoming ACM. He suggested to include senior professors from various schools in the committee.
- Dr. Angelina Geetha, Dean E&T described about the National Educational Policy (NEP 2020). The framework for Curriculum and Syllabi were formed by incorporating suggestions given in the NEP guidelines such as introducing Multidisciplinary, Value addition and skill development courses. The Curriculum and Syllabi were presented in the ACM meetings and got approved by the members.
- The Director IQAC suggested to implement other features of NEP such as Multiple Entry/Exit and 4 year UG programmes. The Pro Vice-Chancellor informed that all these features would be implemented in course of time.

6. Items for approval: Resolutions brought forward by the Chairpersons of the Boards of Studies:

Sl. No	Item	Decision Taken
1.	i. The Curriculum and Syllabi of new programme B.B.A – Digital Marketing and updated Curriculum of all B.B.A specializations as per NEP, <i>effective from the</i>	<i>Approved by the members with the following suggestions.</i> • Dr. Annie Jacob, Director KCG College of Technology suggested to include basics of



<i>academic year 2023-24 was presented by the HOD, MBA.</i>	marketing course before offering the course Marketing and Consumer Behaviour. <i>It was informed that the course Integrated Marketing Communication is already offered in the 2nd Semester.</i> • The Pro Vice-Chancellor suggested to change the nomenclature of the course Research methodology into Fundamentals of Research Methodology and the course Technical /Proficiency Certification may be changed as Methodology for writing Professional and Scientific articles. • The Dean E & T informed that rubrics for evaluating the outreach programmes such as NCC and NSS have been prepared. • The Vice-Chancellor suggested to prepare the rubrics for Yoga and sports too. • Dr. Gomathi Nayagam suggested to include soft skills courses in the programme. <i>The Course Softskills is already being offered in the second semester onwards.</i> • The Pro Chancellor suggested also to include clubs such as Toast Master, etc.
ii. The Curriculum and Syllabi of new programme M.B.A – Aviation Safety Management (In collaboration with Airbus & ENAC) and updated Curriculum of all M.B.A specializations, as per NEP, effective from the academic year 2023-24 was presented by the HOD, MBA.	<i>Approved by the members with the following suggestions.</i> • The Director IQAC suggested to include more practical oriented courses. • The Vice-Chancellor suggested to include more statistical tools in addition to MS-Office. <i>It was informed that already few statistical tools such as SPSS are included.</i> • The Pro Chancellor suggested to include courses related to Gaming and Advertising.



		• Dr. N. Manoharan, Director, Projects suggested to include courses on Health and Wellbeing in collaboration with nearby Hospitals. • The Registrar suggested to include the electives in an orderly manner. • The Pro-Vice-Chancellor suggested to restrict the elective courses in line with the demand. • Dr. Annie Jacob suggested to introduce electives on Legal studies and Business Ethics. • Dr. Gomathi Nayagam encouraged to collaborate with industries through Alumnae of HITS.
2.	Curriculum and Syllabi of the new programme M.Sc. - Nano Science and Technology (offered by CENCON and Dept. of Physics) as per NEP, effective from the academic year 2023-24 was presented by the Head, CENCON.	<i>Approved by the members with the following suggestions.</i> • The Pro Chancellor encouraged the implementation of Quantum Technology jointly by few departments. • The Vice-Chancellor suggested to share the complete syllabi of Nano Science and Quantum Technology to the externals such as the senior professors from IIT Ropar for getting expertise support. • Dr. Pushpamithra, CENCON, informed that the students with Physics background only can pursue M.Sc. Nano Science and Currently only 2 students have taken the programme. • Dr. Gomathi Nayagam suggested to include courses such as IOT and AI and informed that quantum technology may require costly lab equipment. • Dr. John Philip highlighted that the Nano Technology along with material science will play a major role in Health care vertical.
3.	Curriculum and Syllabi (Semesters III to VIII) of i. B.Tech. - Aeronautical Engineering	<i>Approved by the members with the following suggestions.</i>



	ii. B.Tech. - Aerospace Engineering as per NEP, <i>effective from the academic year 2023-24</i> was presented by the HoD, AERO.	• The Dean E & T informed that 30 days internship in two spills with each 15 days are compulsorily out by students. • The Pro Chancellor enquired about Internships and the student's attendance to the organizations especially students from MBA. • Dr. R. Karuppasamy, Dean, SOM informed that 224 students have completed the summer internship. • The Pro Chancellor directed the Director, IQAC to submit a detailed analysis report about attendance / participation of students at internships.
4.	Curriculum and Syllabi (Semesters III to VIII) of B.Tech. - Automobile Engineering as per NEP, <i>effective from the academic year 2023-24</i> was presented by the - HoD, AUTO.	<i>Approved by the members</i>
5.	Curriculum and Syllabi (Semesters III to VIII) of B.Tech. – Biotechnology as per NEP, <i>effective from the academic year 2023-24</i> was presented by the HoD, Biotechnology.	<i>Approved by the members with the following suggestions.</i> • Dr. Annie Jacob suggested to introduce a course on Bio Ethics. <i>The course Bio Ethics will be included and presented in the forthcoming ACM meeting.</i>
6.	Curriculum and Syllabi (Semesters III to VIII) of B.Tech. - Civil Engineering as per NEP, <i>effective from the academic year 2023-24</i> was presented by the HoD, CIVIL.	<i>Approved by the members with the following suggestions.</i> • Dr. Sheeba, Dean, SPADE informed that the syllabus of Building Materials is very vast.



7.	Curriculum and Syllabi (Semesters III to VIII) of, i. B.Tech. - Computer Science Engineering ii. B.Tech. - Computer Science Engineering (AI & DS) iii. B.Tech. - Computer Science Engineering (AI & ML) iv. B.Tech. - Computer Science Engineering (Cyber Security) as per NEP, <i>effective from the academic year 2023-24</i> were presented by the HoD, CSE.	<i>Approved by the members with the following suggestions.</i> • The Vice Chancellor suggested to provide comparison of the specializations (AI / ML / Cyber Security / CSE).
8.	Curriculum and Syllabi (Semesters III to VIII) of B.Tech. – Electronics and Communication Engineering as per NEP, <i>effective from the academic year 2023-24</i> was presented by the HoD, ECE.	<i>Approved by the members with the following suggestions.</i> • Dr. Annie Jacob suggested to include courses on Artificial Intelligence and Medical applications and informed that there is much scope for funded projects on these arenas. • Director, Projects suggested including courses on 5G. • Dr. Gomathi Nayagam suggested to introduce courses on Digital Manufacturing and Monitoring. <i>The Registrar informed that already a specialization on Electronics Manufacturing has been introduced with these courses.</i>
9.	Curriculum and Syllabi (Semesters III to VIII) of B.Tech. – Electrical and Electronics Engineering as per NEP, <i>effective from the</i>	<i>Approved by the members with the following suggestions.</i> • Dr. Annie Jacob suggested to include courses on Electric Vehicles.



	academic year 2023-24 was presented by the HoD, EEE.	<i>The HOD informed the course on Electric Vehicles are included as Honors course.</i>
10.	Curriculum and Syllabi (Semesters III to VIII) of B.Tech. – Information Technology as per NEP, effective from the academic year 2023-24 was presented by the HoD, IT.	<i>Approved by the members</i>
11.	Curriculum and Syllabi (Semesters III to VIII) of B.Tech. – Mechanical Engineering as per NEP, effective from the academic year 2023-24. was presented by the HoD, MECH.	<i>Approved by the members</i>
12.	Curriculum and Syllabi (Semesters III to VIII) of B.Tech. – Mechatronics Engineering as per NEP, effective from the academic year 2023-24 was presented by the HoD, Mechatronics.	<i>Approved by the members</i>

8. Items for Ratification

Sl. No	Item	Decision Taken
1	Updated Curriculum and Syllabi of programmes offered by the School of Law (BA., LL.B., BBA., LL.B., LL.B., LL.M.) and Question paper pattern of LL.M was presented by the Dean, SOL.	<i>Ratified by the members</i> The members informed that Curriculum and Syllabus have not been revised since its inception <i>It was informed that the Curriculum and Syllabus were updated as per the norms of the Bar Council of India.</i>



2	Change of Nomenclature: Changing the nomenclature of B.B.A. Aviation Services and Air Cargo as B.B.A. Air Cargo Logistics was presented by the HoD, MBA.	<i>Ratified by the members</i>
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9. Any other items with the permission of the Chair.

- The IQAC Coordinator pointed out that earlier the syllabi of semesters I and II only was approved in the past ACM. Hence, the syllabi of semesters III – VIII must be presented for approval not for ratification.
- He reported that only few departments have submitted the BOS minutes to IQAC for review and finalise the control copy.
- Suggested to make a change the heading (under Items for approval) as Resolutions brought forward by the Chairperson of the Board of Studies.

10. Vote of Thanks.

The Pro-Vice-Chancellor thanked the Management and External Members for their great support in achieving NAAC A+ grade and valuable suggestions towards framing the Curriculum and Syllabi as per the NEP and effective implementation of the same.

Dr. Muthukumar Subramanian
Registrar

Copy to All Members.