HINDUSTAN
INSTITUTE OF TECHNOLOGY & SCIENCE
(DEEMED TO BE UNIVERSITY)

Minutes of the Meeting
36th Meeting of the Academic Council

Held on	:	**05-11-2022 (Saturday)**
Time	:	**11 a.m.**
Venue	:	**Academic Council Hall, 5th Floor, Founder's Block.**

Members Present:

S.No.	Name of member	Designation
1.	Dr. Mrs. Elizabeth Verghese	Chancellor
2.	Dr. Anand Jacob Verghese	Pro Chancellor
3.	Dr. S. N. Sridhara	Vice Chancellor
4.	Dr. R.W. Alexander Jesudasan	Pro Vice Chancellor
5.	Dr. P. Deiva Sundari	Principal, KCG College of Technology, Chennai
6.	Dr. A. K. Ghosh	Professor, Aerospace Engineering, IIT, Kanpur
7.	Dr. S. Gomathi Nayagam	Former Director-General, National Institute of Wind Energy, Chennai **[Online]**
8.	Dr. Geeta Madhavan	Senior Advocate, Chennai
9.	Dr. John Philip	Associate Director, IGCAR, Chennai
10.	Mr. Ashok Verghese	Director
11.	Dr. Aby Sam	Director
12.	Dr. Annie Jacob	Director, KCG College of Technology, Chennai
13.	Dr. C. Kezi Selva Vijila	Controller of Examinations
14.	Dr. K. Nandakumar	Director – Research
15.	Dr. Angelina Geetha	Dean - Engineering & Technology
16.	Dr. Sheeba Chander	Dean - SPADE
17.	Dr. J. M. Mathana	Dean – Research
18.	Dr. P.V. Nagendra Sarma	Dean - School of Law
19.	Dr. David T. Easow	Head, SLAAS
20.	Dr. C. Ramesh	Head, SAHS
21.	Dr. Dalbir Singh Lohchab	Professor & HOD, Aeronautical Engineering
22.	Dr. P. Vasantha Kumar	Professor & HOD i/c., Aerospace Engineering

S.No.	Name of member	Designation
23.	Dr. P. Vijayabalan	Professor & HOD, Mechanical Engineering
24.	Dr. A L. Vallikannu	Professor & HOD, ECE
25.	Dr. V. Ceronmani Sharmila	Professor & HOD, IT
26.	Dr. A. K. Parvathy	Professor &HOD, EEE
27.	Dr. Afrose Farid	Professor & HoD, Dept. of FDA
28.	Dr. R. Devanathan	Professor (Emeritus) **[Online]**
29.	Dr. M.K. Badri Narayanan	Professor and HoD i/c., School of Management
30.	Dr. J. Thangakumar	Associate Professor and HoD i/c., CSE
31.	Dr. R. Maruthi	Associate Professor and HoD i/c., Computer Applications
32.	Dr. M. Jaikumar	Professor and HoD, Automobile Engineering
33.	Dr. V. Preethi	Professor and HoD, Civil Engineering
34.	Dr. B. Vivekanandan	Associate Prof. & HOD i/c, Chemical Engineering
35.	Mr. J. Sudhakar	Professor and HoD, SPADE
36.	Ms. Ami Agarwal	Head, CODE
37.	Dr. RM. Kuppan Chetty	Associate Prof. & Head i/c, Dept. of Mechatronics
38.	Dr. A. Sherine	Professor and HoD, Languages
39.	Dr. D. Piriadharshani	Professor and HoD, Science & Humanities
40.	Dr. T. Sivapriya	Assoc. Professor & HOD i/c., Food Technology
41.	Dr. T. Nirmala	Assoc. Professor & HOD i/c., Visual Communication
42.	Dr. S. Sivankalai	Chief Librarian
43.	Dr. K. Ramajeyathilagam	Sr. Professor, Aeronautical Engineering
44.	Dr. T. Sudalai Muthu	Professor and Coordinator, IQAC
45.	Mr. Salim Mahmood	Deputy Director - Admissions
46.	Dr. Pon. Ramalingam	Registrar

Leave of absence granted to the following members:

S.No.	Name of member	Designation
1.	Dr. John Varghese	Principal, St. Stephen's College, New Delhi.
2.	Dr. G. Ilavazhagan	Advisor - International Affairs
3.	Dr. R. Asokan	Dean - School of Aeronautical Sciences

1. Welcome address by the Registrar.

Dr. Pon. Ramalingam, Registrar welcomed the esteemed members of the Academic Council for the 36th meeting. Congratulated Dr. A. K. Gosh, Former Professor, IIT Kanpur, External Member, for assuming new position in Tata Advanced Systems Ltd, a Defence and Aerospace company at Bengaluru.

2. Opening remarks by the Chancellor.

The Chancellor extended warm welcome to all the members and informed the following:

- The 36th Meeting of the Academic Council has been convened to discuss about various activities of the Institution and also to approve Academic Regulations, Curriculum and Syllabus of many programmes.
- The Chancellor said that the Regulations and Curriculum have been framed based on the directives of the *National Education Policy (NEP)* which includes *Choice Based Credit System (CBCS), multidisciplinary approach* and Skill enhancement courses.
- The admissions during this academic year 2022-23 for computer branches are really encouraging and efforts are to be taken to improve the admissions for other branches in the forthcoming academic year.
- The required number of teaching staff as per the norms of the concerned statutory bodies have been recruited
- **HITS - Convocation**
  - o 13th Convocation was conducted on 30.09.2022 (Friday), 1852 Graduands from various disciplines in UG, PG and Ph.D. programmes have received their Degree certificates.
  - o Dr. M. Ravichandran, Secretary, Ministry of Earth Sciences and Shri. S. Somanath, Chairman, Indian Space Research Organization (ISRO) were the Chief Guest and Guest of Honor respectively.
  - o "*Honoris Causa*" Degrees were presented to the two eminent personalities i.e., Award of Doctor of Science to **Shri. S. Somanath, Chairman, Indian Space Research Organization (ISRO)** and Secretary, Department of Space, Govt. of India, and Award of Doctor of Letters to **Rt. Rev. Joseph Mar Barnabas Suffragan Metropolitan, Bishop of Malankara Marthoma Syrian Church**, Thiruvalla, Kerala.

- Expert committee visits for NAAC re-accreditation, IET accreditation, 12(B) status and Off-campus Centre are expected in the coming months.
- The Chancellor motivated the staff to get good NIRF ranking in 2023.

3. **Address by the Vice Chancellor.**

The Vice Chancellor welcomed the members, appreciated the long-time association of the external member Dr. A. K. Ghosh, Former Professor, IIT Kanpur with the Founder of HGIs and VC mentioned that,
- The Centre for Open and Digital Education (**CODE**) has admitted more than 1000 students in the current academic year 2022-23. It is expected to reach 3000 students in the coming year 2023-24.
- **NBA Expert Committee** visited on 20-08-2022 for Re-accreditation of B. Tech – Aeronautical, CSE, Mechanical, Civil and Automobile Engineering programmes. The Institution has obtained the Re-accreditation for B. Tech. Aeronautical Engineering and B Tech. Computer Science Engineering programmes. A fresh application for accreditation of B. Tech - Mechanical, Civil and Automobile engineering programmes will be submitted in due course.
- The new Regulations and Curriculum have been framed by incorporating the features of NEP and requested the members to provide constructive comments and suggestions to improve regulation and curriculum.

4. **Confirmation of the Minutes of the 35th Meeting of the Academic Council held on 06.08.2022.**

The Registrar placed the Minutes of the 35th Meeting of the Academic Council in the ACM.

The Minutes of the 35th Meeting of the Academic Council held on 06.08.2022 was confirmed.

5. **Confirmation of the Action Taken Report on the Minutes of the 35th Meeting of the Academic Council held on 06.08.2022.**

The Registrar placed the Action Taken Report on the Minutes of the 35th Meeting of the Academic Council before the members for approval.

Action Taken Report on the Minutes of the 35th Meeting of the Academic Council held on 06.08.2022 was confirmed.

6. Items for approval:

Sl. No	Item	Decision Taken
a)	Academic Regulations for **B.Tech. / B.Tech. (Hons.) Degree Programme** under Choice Based Credit System as per NEP, *effective from the academic year 2022-23.* **– Dean, E & T.** The Dean - E & T, highlighted the key features of the Regulation, ▪ As per the suggestions given in the last Academic Council meeting, the Assessment scheme for Theory Courses, Theory with Practical, Department Electives and Non Department Electives have been revised with 50 % Internal marks and 50 % External marks with 25 marks out of 50 marks as the minimum pass mark in the end semester examination. However, the end semester examination will be conducted for 100 marks. ▪ All the Department electives are integrated with practical components. The faculty can also incorporate laboratory demonstration sessions in the lab hours ▪ A panel of external examiners will be formed for the evaluation of Laboratory courses and final semester projects work.	*Approved* *Members suggested that more focus must be on Design Projects and Final Year Projects in the curriculum.*
b)	Academic Regulations for **M.C.A. Degree Programme**, Curriculum and Syllabi for two years as per NEP, *effective from the academic year 2022-23.* **– HoD, Computer Applications**. The HoD, Computer Applications presented the following changes in the new regulation. ▪ The percentage of Basic Science courses have been slightly increased. ▪ All Department Electives are made lab integrated.	*Approved* *Members suggested to change the LTPC for Research Methodology and IPR course as 3 0 0 3 instead of 2 0 0 2 as it is an important course in PG curriculum.* *Since this is a course shared by other programmes also it was decided to have*

		additional hours to improve the content delivery. With reference to Open Online courses, all Swayam NPTEL courses will have internal and external assessment scores will be taken from the score sheet provided by Swayam Grade sheet. However, for the courses taken from other platforms, the COE will be conducting an end semester examination and the same will be considered for grading. Internal assessment score will be taken from the respective assessment scores provided by the respective online platforms The Vice Chancellor informed that the faculty are also encouraged to take up these online courses along with the students so as to upskill their knowledge base.
c)	Academic Regulations for (i) **PG Degree Programme** under ODL mode (ii) **PG Degree Programme under** OL Mode (iii) **UG Degree Programmes** under OL Mode effective from the academic year 2021-22 (iv) Amendments of **UG Degree Programmes** under OL mode offered by CODE, *effective from the academic year 2022-23.* – **Head, CODE.**	***Approved*** *The members suggested to conduct offline examination for the MBA & MCA students registered under ODL mode.* *The Publications for the ODL/OL PG students will be optional instead of*

		mentioning in the regulation as "Not Mandatory". *The letter grade "F" in the regulation to be changed as "U".*
d)	Academic Regulations for **M.B.A. Degree Programme,** Curriculum and Syllabi for two years as per NEP, *effective from the academic year 2022-23.* – **HoD, School of Management.** The HoD, MBA presented the key factors of the Regulation as follows, ▪ The total credits for MBA is 90. ▪ Non Department Electives (Fine arts etc.,) and Field work are included newly. ▪ Credits for Internships is increased. ▪ Many Theory courses are integrated with Practical. ▪ Requested approval for Dual specialization. ▪ The Vice Chancellor suggested to include surveys and usage of statistical tools in the Field Work course. ▪ The Dean – Research suggested to offer Research Methodology and IPR as separate courses.	*Approved* *It was suggested to reframe the course Field work with a better nomenclature.* *The Nomenclature of the course – MOOC / NPTEL /Coursera courses to be changed.* *Dual specialisation in MBA – General is not permitted. The students should take up all electives in a specific domain for in depth study to become a professional in Marketing / Finance / HR / System.* *The Non-Departmental electives of the School of Management can be self-study courses to attract more students to opt the elective subject.*
e)	Academic Regulations for **B.Arch. Degree Programmes** as per NEP, *effective from the academic year 2022-23.* – **Dean, SPADE.** The Dean – SPADE presented the Regulations. ▪ The Director (AS) suggested to ensure that if any student get transferred to HITS should not miss any major courses.	*Approved* *The Members suggested to give more practical sessions to the students by utilizing the Studios effectively.* *The manual Design Drawing by the students to be removed in a phased manner.*

▪ The Vice Chancellor informed that Course Mapping will be done, missed courses are required to take it along with other students.	*SPADE should introduce software to provide training in Design Drawing for the students.*

7. Resolutions brought forward by Boards of Studies

Sl. No	Item	Decision Taken
a)	**Chairperson, Board of Studies in Electrical and Electronics Engineering:** Curriculum for Four years and syllabi for first and second semesters of **B.Tech. Electrical and Electronics Engineering**, as per NEP, *effective from the academic year 2022-23.* – **HoD, EEE**. ▪ The Dean - E& T informed that the outcome of the Research Findings course is the survey to be conducted by the students which can be published in the Research Journals. ▪ The Vice Chancellor informed that as per NEP local languages are to be introduced.	*Approved* *The members suggested to include specialization such as Machine Learning and Data Science in order to attract more admissions.* *The Members suggested to change the sequence of the Research Methodology course and Research Findings courses in the curriculum.*
b)	**Chairperson, Board of Studies in Computer Science and Engineering:** Curriculum for Four years and syllabi for first and second semesters of **(i) B.Tech. CSE;** **(ii) B.Tech. Artificial Intelligence and Data Science;** **(iii) B.Tech. CSE (Cyber Security) and** **(iv) B.Tech. CSE (Artificial Intelligence and Machine Learning),** as per NEP, *effective from the academic year 2022-23.* – **HoD, CSE**.	*Approved with the suggestion to include practical component also for all the Non Department Electives.* *The Director encouraged to introduce more lab integrated courses and to utilize the 2000 PCs available in the campus.* *The Chancellor suggested to motivate the students to participate in Coding*

		Competitions in order to improve their programming skills. *It was instructed to revisit the courses and the order of placing the courses in semesters.* *Also care should be taken to make the curriculum revision such that students will be aware of all latest technologies irrespective of the specialization taken.*
c)	**Chairperson, Board of Studies in Information Technology:** Curriculum for Four years and syllabi for first and second semesters of **B.Tech. Information Technology** as per NEP, *effective from the academic year 2022-23.* – **HoD, IT**.	***Approved with the suggestion*** *to introduce Data Structures course to prepare the students towards placements.*
d)	**Chairperson, Board of Studies in Automobile Engineering:** Curriculum for Four years and syllabi for first and second semesters of **B.Tech. Automobile Engineering,** as per NEP, *effective from the academic year 2022-23.* - **HoD, Automobile Engg**.	*Approved*
e)	**Chairperson, Board of Studies in Mechanical Engineering:** Curriculum for Four years and syllabi for first and second semesters of **B.Tech. Mechanical Engineering**, as per NEP, *effective from the academic year 2022-23.* – **HoD, Mechanical Engg**.	*Approved*
f)	**Chairperson, Board of Studies in Chemical Engineering:**	*Approved*

	Curriculum for Four years and syllabi for first and second semesters of **B.Tech. Bio Technology,** as per NEP, *effective from the academic year 2022-23.* – **HoD, Bio Technology**.	
g)	**Chairperson, Board of Studies in SPADE:** Curriculum for all the years and syllabi for first and second semesters of B. **Arch Degree Programme,** as per NEP, *effective from the academic year 2022-23.* – **HoD, B. Arch.**	*Approved*

- The Director (AS) suggested a review on the inclusion of few general courses in the first year and also to make the curriculum more serious in nature. He opined to include a comprehensive course on Communicative English and Soft Skills from second year aiming at better placements. The order of the Programme Core and Elective verticals to be designed in a systematic order to give more depth and seriousness in the curriculum.

8. Items for Ratification

Sl. No	Item	Decision Taken
1	Ratification of curriculum for **B.B.A. Logistics Degree Programme** for the batch of candidates admitted from the academic year 2019-20,2020-21 and 2021-22. – **By HoD, School of Management.**	**Ratified**

9**.** Vote of Thanks

The Pro-Vice Chancellor proposed the vote of thanks for the all the members attended the meeting and also their valuable contribution to strengthen the curriculum and syllabus.

Dr. Pon. Ramalingam,
Registrar.

Copy to : All the Members