



# HINDUSTAN

INSTITUTE OF TECHNOLOGY & SCIENCE  
(DEEMED TO BE UNIVERSITY)

## MINUTES OF THE 28<sup>th</sup> MEETING OF THE ACADEMIC COUNCIL

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**Held on : 7<sup>th</sup> December 2019 (Saturday)**

**Time : 11 a.m.**

**Venue : Academic Council Hall**

**Members Present:**

<b>S.No.</b>	<b>Name of member</b>	<b>Designation</b>
1.	Dr. (Mrs.) Elizabeth Verghese	Chancellor
2.	Dr. Anand Jacob Verghese	Pro Chancellor
3.	Prof. K.P. Isaac	Vice Chancellor
4.	Prof. G. Sambandan	Advisor, K.C.G. College of Technology
5.	Dr. Dharanipragada Janakiram	Prof. of CSE, IIT-M, Chennai
6.	Dr. Karthik Krishnamurthy	Director, Mahendra Aerospace, Karnataka
7.	Mr. Rajesh Renganathan	Vice President, Power Solutions Business, Ashok Leyland
8.	Mr. Ashok Verghese	Director
9.	Dr. Aby Sam	Director
10.	Prof. G. Ilavazhagan	Director (International Affairs)
11.	Prof. K. Nandakumar	Director (Research)
12.	Prof. A. Udhayakumar	Controller of Examinations
13.	Prof. N. Vasudevan	Dean (Engg. & Tech. – UG)
14.	Prof. Baby Joseph	Dean (Research)
15.	Dr. V.L. Mony	Dean (School of Law)
16.	Brig. (Retd.) Dr. Ravi Varman	Dean (Administration)
17.	Prof. T.P. Somasundaran	Dean (PG Studies)
18.	Prof. Dilip A. Shah	Dean (Aero)
19.	Prof. T. Manvel Raj	Dean (Student Affairs)

<b>S.No.</b>	<b>Name of member</b>	<b>Designation</b>
20.	Prof. Sheeba Chander	HoD (Planning and Monitoring) Dept. of Architecture
21.	Prof. Rajeswari Mukesh	HoD, School of Computing Sciences
22.	Dr. R. Asokan	Professor & HoD, Aeronautical Engineering
23.	Prof. Ravikumar Solomon	HoD, Mechanical Engineering
24.	Dr. M. Jaikumar	Associate Professor & HoDi/c, Automobile Engineering
25.	Prof. Uppu Ramachandraiah	HoD, EEE / EIE
26.	Prof. Aby K Thomas	HoD, Electronics & Communication Engg.,
27.	Prof. A. Anitha	HoD, Chemical Engg.
28.	Prof. A. Sherine	HoD, Languages & Foreign Languages
29.	Dr.V. Ceronmani Sharmila	Associate Professor & HoDi/c, Dept. of Information
30.	Dr. M. Selvamuthukumar	Associate Professor & HoDi/c, Dept. of Food Technology
31.	Prof. M.K. Badri Narayanan	Professor & HoDi/c, School of Management
32.	Dr. P. Murugan	HoD, LA & AS
33.	Prof. K.M. Mehata	Senior Professor - CSE
34.	Prof. M. Veerachamy	Chief Librarian
35.	Mr. Milton Gerard Huggins	Deputy Director (Corporate Affairs & Training)
36.	Mr. Salim Mahmood	Deputy Director (Admissions)
37.	Prof. R. Devanathan	Professor (Emeritus)
38.	Prof. D. Dinakaran	Head, Centre for Automation and Robotics
39.	Prof. J. Sudhakar	Special Invitee
40.	Dr. Pon Ramalingam	Registrar, Non-Member & Secretary.

**Leave of absence has been granted to the following members for their inability to attend the meeting: -**

<b>S.No.</b>	<b>Name of member</b>	<b>Designation</b>
1.	Rev. Fr. Dr. S. Xavier Alphonse	Educationist & Former Member, UGC
2.	Mr. M.G. Poduval	Managing Director, MGP Associates Pvt Ltd., Chennai.
3.	Dr. Annie Jacob	Director, K.C.G. College of Technology
4.	Prof. G. Sreekumar	Dean (SoM & LAS)
5.	Prof. A. Ramesh Babu	HOD (First Year)
6.	Mr. C. Robin	Legal Consultant

**1. OPENING REMARKS BY THE CHANCELLOR**

The Chancellor welcomed all the members and said that HITS has achieved many milestones in the year 2019. She expressed her expectation to achieve more in the year 2020. She reported that the 10th Convocation of HITS was held on 19 October 2019, Mr. V.K. Mathews, Executive Chairman, IBS Group, Trivandrum was the Chief Guest. Mr. Bala K Baradwaj, Managing Director, Boeing India Engineering & Technology Centre, Bengaluru & President SAEINDIA; Mr. Tony Thomas, Corporate Vice President & Chief Information Officer, Global IS/IT, Nissan Motor Co. Ltd., Japan; and Prof. Col. Dr. James Thomas, Principal Advisor, Prof. of Cardiac Surgery, Director Specialties & Former Vice Chancellor of Padmashree Dr. D.Y. Patil University, Navi Mumbai as Guests of Honour. She informed that the chief guest and the guests of honour were awarded with Doctor of Science (Honoris Causa) on this well-organized event.

The Chancellor said that 28<sup>th</sup> Meeting of the Academic Council is convened to seek approval for a few amendments in the Academic Regulations and also pass the resolutions brought forward by the Boards of Studies. She also reported that the IET Accreditation Advisory team visited HITS on 5th and 6th September 2019 and all the five programmes applied for the Advisory visit is recommended to apply for accreditation. The team has identified certain concerns and the same needs to

be rectified before the visit of IET expert team for Accreditation. She advised the respective departments to take appropriate measures. She said that the data for the NIRF Rankings 2019 has been successfully uploaded and a better ranking is expected this year.

**2. ADDRESS BY THE VICE CHANCELLOR**

The Vice Chancellor welcomed all and informed that the HITS has a good mentoring system with three qualified full time counsellors. He said that 20 students are attached to each faculty member for mentoring and career guidance. He said that HITS is striving hard to equip the students with good skills and knowledge in order to contribute to the industry 4.0. He informed that the admission process has started and the entrance examination is scheduled during the last week of April 2020. He expressed his hope to have more admissions for the academic year 2020-21. He also informed about the commencement of School of Design and the proposal to introduce new courses from the academic year 2020-21.

**3. CONFIRMATION OF THE MINUTES OF 27<sup>th</sup> ACADEMIC COUNCIL MEETING HELD ON 29<sup>th</sup> JUNE 2019**

Dean (Engg. & Tech. – UG) presented the Minutes of the 27<sup>th</sup> Academic Council Meeting held on 29<sup>th</sup> June 2019 and the Academic Council confirmed the Minutes of the Meeting.

**4. ACTION TAKEN REPORT ON THE 27<sup>th</sup> ACADEMIC COUNCIL MEETING HELD ON 29<sup>th</sup> JUNE 2019**

The Action Taken Report on the Minutes of 27<sup>th</sup> Academic Council Meeting held on 29<sup>th</sup> June 2019 was confirmed with following suggestions:

The School of Creative Arts will be established in the academic year 2021-22 but its unique programmes i.e., Photography will be offered as Minor for the students admitted under 2018 Regulations for Engineering and Technology – UG.

5. **Items for Approval:**

Sl. No.	Items	Decision Taken						
(i)	<p>The UGC in its letters No.F.9-10/2018(CPP-II) dated 8<sup>th</sup> May 2018 and 01/09<sup>th</sup> October 2019 has mandated <b>to allocate 2 Credits to the Interns under Swachh Bharat Summer Internship Programme</b>, like any other elective under Choice Based Credit System to the students of Higher Education Institutions. As per UGC norms, students should undertake a 15 day (100 hours) Field Work in villages under Swachh Bharat Summer Internship Programme.</p> <p>In accordance with the direction of UGC, the following addition is to be made:</p> <p><b>In the 2018-19 Regulations relating to (i) B.Tech. / B.Arch. / B.Des. and (ii) B.A. / B.Sc. / B.B.A. / B.Com. Programmes</b>, the following be added in Table 1 Non-CGPA Courses under <b>Clause 4.4 Non-CGPA Courses</b>:</p> <table border="1" data-bbox="345 1102 980 1381"> <thead> <tr> <th data-bbox="345 1102 435 1165">No.</th> <th data-bbox="435 1102 755 1165">Course / Activity</th> <th data-bbox="755 1102 980 1165">Credits</th> </tr> </thead> <tbody> <tr> <td data-bbox="345 1165 435 1381">15 / 16.</td> <td data-bbox="435 1165 755 1381">Field Work in villages under Swachh Bharat Summer Internship Programme.</td> <td data-bbox="755 1165 980 1381">2</td> </tr> </tbody> </table> <p>The above addition to the Regulations takes effect from the academic year 2019-20 and thereafter. – <b>By Dean (Engg. &amp; Tech. -UG)</b></p>	No.	Course / Activity	Credits	15 / 16.	Field Work in villages under Swachh Bharat Summer Internship Programme.	2	<p><b>Approved with the suggestion that a proper mechanism should be followed to monitor the students' internship under Swachh Bharat Summer programme.</b></p>
No.	Course / Activity	Credits						
15 / 16.	Field Work in villages under Swachh Bharat Summer Internship Programme.	2						

Sl. No.	Items	Decision Taken
(ii)	Report on “Reforms in Assessment – Recommendations of the experts of the IET Accreditation Advisory Visit” – <b>By Vice-Chancellor.</b>	<p><b>Approved with following suggestions:</b></p> <p>(a) Decided to introduce the academic audit system by a panel of 3-5 eminent academicians to scrutinize the academic performance of the departments</p> <p>(b) An Additional assessment should be conducted for those students who are unable to secure good marks in the Continuous Internal Assessment.</p> <p>(c) Conduct of open-text- book examination / tutorials which will help in improving the success rate and placement of students.</p> <p>(d) More assignments and tests should be given to the students to enable them to acquire the required knowledge and skills in their field of specialization.</p>

**6. Resolutions brought forward by Boards of Studies.**

Sl. No.	Items	Decision Taken
(i)	<b>Chairperson, Board of Studies for <u>School of Management.</u></b>	<b>Approved.</b>
	Academic Regulations, curricula and syllabi for the <b>one-year LL.M. (International Law) programme</b> , effective from January 2020 – <b>By Dean (School of Law)</b>	
(ii) (a)	<b>Chairperson, Board of Studies for <u>School of Management and LAAS</u></b>	<p><b>Approved.</b></p> <p><b>The members suggested that the subject title “Hotel French” to be modified.</b></p> <p><b>It was also suggested to include a module on Regulatory bodies in the subject `Airline and Airport Management`.</b></p>
	<p>(i) Revised Curriculum and syllabi for <b>M.B.A Programme</b> by re-organizing the specializations and also introduction of new electives, and</p> <p>(ii) Revised syllabi for <b>M.B.A. (Aviation Management)</b>, effective from the academic year 2020-2021 [Enclosed as Annexures – 6(i) and 6(ii) respectively] – <b>By HoD, School of Management.</b></p>	

(b)	Revised curriculum for Semesters III and IV, shifting of five papers from 'Theory' to "Practical" for <b>M.B.A. Sports Management</b> , effective from 2019-20 [Enclosed as <b>Annexure – 6(iii)</b> ] – <b>By HoD, School of Management.</b>	<b>Approved.</b>
(c)	Revised curriculum for <b>(i) B.B.A. (General);</b> <b>(ii) B.B.A. (Aviation);</b> <b>(iii) B.B.A. (Travel and Tourism Management);</b> <b>(iv) B.Com. (General) and</b> <b>(v) B.Com. (Banking Management), together with revised syllabi for the subject MAB 2202 Business Mathematics; the syllabus for introduction of "Communication Skills Lab" in place of English, for all the above five programs, effective from the academic year 2020-21 [Enclosed as <b>Annexures - 7</b>] – <b>By HoD, School of Management.</b></b>	<b>Approved</b>
(iii) (a)	<b>Chairperson, Board of Studies for School of Computing Sciences.</b> Introduction of new <b>Specialization in Artificial Intelligence and Machine Learning under B.Tech. CSE / IT (IBM Collaborated programmes)</b> together with Curriculum and syllabi, effective from the academic year 2019-20 [Enclosed as <b>Annexure – 8</b> ] – <b>By HOD – CSE.</b>	<b>Approved with following suggestions:</b> <ul style="list-style-type: none"> <li>- <b>To change the title of the course 'Artificial Intelligence and Machine Learning' as "Fundamentals of Artificial Intelligence and Machine Learning"</b></li> <li>- <b>To change the title of the course 'Introduction to Python Programming' as "Python Programming".</b></li> </ul>

(b)	<p>Revised curriculum and syllabi for <b>Professional Diploma in Cyber Investigation and Laws and Nano Diploma (Exit option – New) offered in association with HTC-ITMR</b>, effective from January 2020 [Enclosed as <b>Annexure – 9</b>] – <b>By HOD – CSE.</b></p>	<p><b>Approved.</b></p> <p><b>The members suggested that the course code should be in line with course code formulated for implementation of Academic Regulations 2018.</b></p>
(c)	<p>Introduction of</p> <p><b>(i) new specialization (list of electives) in Internet of Things (IoT) and Data Science under B.Tech. CSE; and</b></p> <p><b>(ii) new Specialisation (list of electives) in Cloud Computing under M.C.A. together with Curriculum and syllabi, effective from the academic year 2019-20 [Enclosed as Annexures 10 and 11 respectively] – By HOD – CSE</b></p>	<p><b>Approved</b></p> <p><b>Approved</b></p>
(d)	<p>Change of the nomenclature for Course Code: ITB4117 from “Object Oriented and Java Programming” to <b>“Object Oriented Programming in Java”</b>. The revised syllabi for <b>(i) ITB4117: Object Oriented Programming in Java; and (ii) ITB4202: Advanced Java Programming in B.Tech. (I.T.)</b>, effective from the academic year 2019-20 [Enclosed as <b>Annexure - 12</b>] – <b>By HoD i/c. – IT.</b></p>	<p><b>Approved</b></p>



<b>(v)</b>	<b>Chairperson, Board of Studies for <u>School of Liberal Arts and Applied Sciences.</u></b>	
	<p><b>(a)</b> Updated Curriculum and syllabi for</p> <p><b>(i) B.A. Economics;</b></p> <p><b>(ii) B.A. Psychology;</b></p> <p><b>(iii) B.A. Political Science and</b></p> <p><b>(iv) B.A. Sociology,</b> effective from the academic year 2020-21 [Enclosed as <b>Annexures - 13, 14, 15 and 16</b> respectively]</p> <p>By – <b>HoD, LAS.</b></p>	<p><b>Approved with following suggestions:</b></p> <p><b>(a) Communication Skills, Tamil Language and Basics of Computer subjects should be included in the curriculum.</b></p> <p><b>(b) The Subject “Industrial Psychology” need to be introduced in B.A. Psychology.</b></p> <p><b>(c) The Dean (E &amp; T) suggested that the curriculum has many 4 and 5 credits courses, and the UG curriculum should be developed in breadth and not in depth. Hence, the curriculum shall be revised to accommodate more courses with 3 credits.</b></p>
	<p><b>(d) Curriculum and syllabi for B.A. (Triple Major) – Psychology, English and Political Science,</b> effective from the academic year 2019-20 [Enclosed as <b>Annexure - 17</b>] By <b>HoD, LAS.</b></p>	<p><b>Approved.</b></p>

**7. Results Presentations – By Heads of Departments and Controller of Examination**

Sl. No.	Items	Decision Taken
<b>(a)</b>	Higher Semesters results – <b>By concerned HoDs [Aero, Auto, Civil, Arch, Mech, CSE, IT, EEE, ECE, Chemical, Bio-Technology, Management and Liberal Arts].</b>	<b>The Chancellor informed that the results will be presented and discussed internally on 20<sup>th</sup> December 2019 at 11 a.m.</b>
<b>(b)</b>	Overall results by <b>Controller of Examinations</b>	

**8. Presentations:**

Items	Decision Taken
<p>Proposal to start the following New UG / PG Programmes and New Specializations in M.Tech. Programmes, from the academic year 2020-21 – <b>By Vice Chancellor:</b></p> <p><b><u>New UG / PG Programmes:</u></b></p> <ol style="list-style-type: none"> <li>1. B.Sc. Automobile Maintenance</li> <li>2. B.B.A. Automobile Management</li> <li>3. B.B.A. Engineering Management (Mech)</li> <li>4. B.C.A. Cyber Security</li> <li>5. B.Tech. CSE Specialisation in Artificial Intelligence and Machine Learning (in collaboration with IBM)</li> <li>6. B.A. Economics</li> <li>7. B.A. Political Science</li> <li>8. B.A. Sociology</li> <li>9. B.A. Psychology</li> <li>10. B.A. (Triple Majors) Political Science, Psychology and Economics</li> <li>11. B.A. Triple Majors) Law, Economics and Political Science</li> <li>12. B.Des. Communication Design</li> <li>13. LL.M. (One year) International Law</li> <li>14. M.Sc. Ux (User Experience) Design</li> </ol> <p><b><u>New Specializations in M.Tech. Programme:</u></b></p> <ol style="list-style-type: none"> <li>1. Mech: i. Design of Mechanical Systems ii. Robotics and Mechatronics</li> <li>2. Auto: i. Automotive Technology</li> <li>3. Civil: i. Structural Engineering and Construction Management ii. Sustainable Environmental Engineering</li> <li>4. CSE: i. Artificial Intelligence</li> <li>5. IT : i. Big Data Analytics</li> <li>6. EEE: i. IoT and Embedded Systems ii. Autonomous Electric Vehicle Technology</li> <li>7. ECE: i. Digital Image Processing ii. Embedded and Real Time Systems</li> </ol>	<p><b>Approved.</b></p> <p><b>The Pro Chancellor informed about the need for innovative programs given the fact that strength in various Engineering disciplines are not encouraging. Hence it is proposed to offer B.Sc. / B.B.A. in Automobile Maintenance &amp; Automobile Management respectively. This will also serve as an exit option for the B.Tech. Automobile students.</b></p>

## 9. Table Agenda

Item	Decision Taken
<p>Amendment in the Academic Regulations 2019 for B.Tech / B.Des. / B.Arch / M.B.A. / M.C.A./ Law – as recommended by the 2<sup>nd</sup> Academic Review and Monitoring Committee Meeting (ARMC) held on 27<sup>th</sup> November 2019</p>	<p><b><u>Existing Regulation – 2015.</u></b> There is no change in the existing Regulation – 2015.</p> <p><b><u>Existing Regulation -2018. Applicable for students admitted from 2018-19 onwards.</u></b></p> <p>After detailed deliberations, it is decided that minimum of 75% attendance requirement course wise shall be continued. No OD / ML will be accepted if the total contact hours attendance is less than 65%.</p> <p>If the attendance is less than 75%, the student will have to attend repeat course in subsequent semester by attending classes and take the continuous internal assessment to become eligible to write the end semester examination.</p> <p>It is also decided that there is no minimum requirement need be prescribed for the continuous internal assessment. However, the pass percentage in the end semester examination will be fixed as 50%. The academic regulations shall be modified accordingly.</p>

The corresponding amendments to the Academic Regulations relating to B.Tech. / B.Des. / B.Arch. / M.B.A. / M.C.A. / Law are to be issued to faculty and students separately before the commencement of even semester.

## 10. Any other items with the permission of the Chair.

- (a) The members suggested to explore the possibility of introducing exit options for the engineering students who are not able to complete the UG engineering programmes.
- (b) Dr. Dharanipragada Janakiram suggested to form an audit committee to assess all the academic activities which will solve problems of the teaching-learning process. He also suggested for the Peer Review Committee for each department to conduct proper academic audit every year.
- (c) The follow up of academic audit will be discussed by the IQAC, Board of Studies and in the Academic Council Meetings.

- (d) The Chancellor directed that the Deans and HoDs to visit first year classes and brief the students about provisions in the regulations and its implications and exit options.
- (e) The Director (AS) informed that it is the responsibility of the respective mentor to inform the parents about the academic performance of their wards regularly.

**The Registrar thanked all members for their valuable suggestions and support.**



**REGISTRAR.**

**Copy to: ALL MEMBERS**