



MINUTES OF THE 22nd ACADEMIC COUNCIL MEETING

Held on: 17.06.2017 (Saturday)

Time : 11 a.m.

Venue : Academic Council Hall

The following members were present.

S.No.	Name of member	Designation
1.	Dr. Anand Jacob Verghese	Vice President of Holding Society
2.	Dr. S. Ramachandran	Vice Chancellor
3.	Mr. Ashok Verghese	Director
4.	Dr. Aby Sam	Director
5.	Prof. G. Sambandan	Director of Jerusalem College of Engineering (Retired)
6.	Prof. Xavier Alphonse	Educationist & Former Member – UGC
7.	Mr. M.G. Poduval	Managing Director, MGP Associates Pvt. Ltd.
8.	Mr. Rajesh Renganathan	Head, International Operations, Power Solutions Business, Ashok Leyland.
9.	Prof. G. Ilavazhagan	Director (Research)
10.	Prof. Francis C Peter	Controller of Examinations
11.	Prof. N. Vasudevan	Dean (Academics)
12.	Prof. N. Rajasekharan Nair	Dean (Student Affairs)
13.	Prof. Baby Joseph	Dean (Research)
14.	Brig. (Retd.) Dr. Ravi Varman	Dean (Administration)
15.	Prof. A. Ramesh Babu	HOD, School of Science & Humanities.
16.	Prof. Jessy Rooby	HOD, Dept. of Civil Engineering
17.	Prof. Sheeba Chander	HOD, (Planning and Monitoring) Dept. of Architecture
18.	Prof. Rajeswari Mukesh	HOD, School of Computing Sciences
19.	Prof. Dilip A Shah	Senior Professor & HOD, Aeronautical Engineering
20.	Prof. Ravikumar Solomon	HOD, Dept. of Mechanical Engineering
21.	Prof. A.K. Parvathy	HOD, Dept. of Electrical and Electronics Engineering

S.No.	Name of member	Designation
22.	Prof. Uppu Ramachandraiah	HOD, Dept. of Electronics & Instrumentation Engg.,
23.	Prof. Aby K Thomas	HOD, Dept. of Electronics & Communication Engg.,
24.	Prof. R. Srikanth	HOD, School of Management
25.	Prof. A. Anitha	HOD, Dept. of Chemical
26.	Prof. V. Parthasarathy	HOD, Dept. of Physics
27.	Prof. S. Induja	HOD, Dept. of Chemistry
28.	Prof. A. Sherine	HOD, Dept. of Languages & Foreign Languages
29.	Prof. Afrose Fathima	HOD, School of Fashion Design & Arts
30.	Prof. A. Udhayakumar	Additional Controller of Examinations
31.	Prof. M. Veerachamy	Chief Librarian
32.	Mr. Milton Gerard Huggins	Deputy Director (Corporate Affairs and Training)
33.	Mr. Salim Mahmood	Deputy Director (Admissions)
34.	Prof. V. Paramasivam	Professor (Emeritus)
35.	Prof. R. Devanathan	Professor (Emeritus)
36.	Dr. K. Kamalakkannan	Asso. Prof. & HOD, Dept. of Automobile Engineering
37.	Prof. D. Dinakaran	Group Lead, Centre for Robotics and Automation
38.	Prof. T. Jeyapoovan	Professor, Depdt. of Mechanical Engineering
39.	Prof. Pon.Ramalingam	Registrar

The following members have expressed their inability to attend the meeting :-

S.No.	Name of member	Designation
1.	Dr. (Mrs) Elizabeth Verghese	Chancellor
2.	Dr. Dharanipragada Janakiram	Professor, Dept. of CSE, IIT (Madras)
3.	Dr. Karthik Krishnamurthy	Director, Operations of the Aerostructures, Mahahindra Aerospace, Karnataka.
4.	Prof. S. Velmurugan	HOD, Department of Mathematics
5.	Prof. C. Robin	Legal Advisor

1. ADDRESS BY THE VICE CHANCELLOR

The Vice- Chancellor in his address welcomed the members. He highlighted the following academic achievements of the University since last Academic Council Meeting held on 18th March 2017.

(a) International Rating: Hindustan University has been rated 3 Star by the world renowned International Rating organization Quacquarelli Symonds Ltd. (QS). Hindustan University scored 5 stars each in Teaching, Employability, Facilities, Innovation and Inclusiveness.

(b) Events Organised during the period: -

(i)	Guest Lectures	-	15
(ii)	National Conference	-	1
(iii)	International Conference	-	1
(iv)	Seminars / Workshops National	-	10
(v)	FDPs	-	3

(c) Important Events Conducted

(i) International Conference on Sustainable Environment and Energy on 6th & 7th April 2017 sponsored by Department of Science & Technology, Government of India.

(ii) National Conference on New Perspectives in English Language Teaching on 30th & 31st March 2017.

(d) Project sanctioned - A funding project sanctioned on the topic "Composite Fuel Tanks for MBT" for the value of Rs. 21.50 lakhs from the funding agency, CVRDE (DRDO).

(e) Publications: Scopus Indexed – 36 Nos.

(f) Approval from the Council of Architecture. School of Architecture received extension of approval from the Council of Architecture for its 5 Year B.Arch, (Full-Time); 3 Year M. Arch (Executive) – Part-Time and M. Arch (Housing) – Part-Time Degree programmes for the Academic year 2017-18.

(g) Achievements.

- (i) Hindustan University has secured 41st position in overall Engineering Institute Rankings and 26th position among the Private Engineering Institute Rankings in Times Engineering Institute Ranking Survey 2017.
- (ii) Team FALCON – Participated in the World's Premier Cansat Competition organized jointly by American Astronautical Society and American Institute of Aeronautics and Astronautics at Texas, US and ranked 8th position globally with an overall score percentage of 96.5.

2. CONFIRMATION OF THE MINUTES OF 21st ACADEMIC COUNCIL MEETING HELD ON 18th MARCH 2017

The Dean (Academics) presented the Minutes of the 21st Academic Council Meeting held on 18th March 2017 and the Academic Council confirmed the Minutes of the Meeting.

3. ACTION TAKEN REPORT ON THE 21st ACADEMIC COUNCIL MEETING HELD ON 18th MARCH 2017

The Action Taken Report on the Minutes of 21st Academic Council Meeting held on 18th March 2017 was confirmed.

4. Items for approval:

S.No.	Items	Decision Taken
4.1	Change of nomenclature of 'M.S. (By Research)' into "M.Tech. (By Research)" by Director (Research)	Approved. The members suggested to ensure that all the degree programmes offered by the University are approved by the competent authority since the UGC and AICTE are likely to be amalgamated soon.

<p>4.2</p>	<p>Amendments to the Regulations relating to M.Phil. & Ph.D. programmes by Dean (Research)</p>	<p>Approved.</p> <p><u>M.Phil.Programme.</u> It was suggested to encourage the M.Phil. scholars to publish the papers in indexed journals only.</p> <p><u>Ph.D. Programme:</u> The following suggestions were given by members:</p> <ul style="list-style-type: none"> ➤ Master's Degree in Planning should be included in the Regulation under admission category. ➤ Research Advisory Committee may permit to allot Ph.D. Scholars to teachers (i) who have a minimum of one year teaching experience after completion of Ph.D. Degree; or (ii) who have five years teaching experience at the time of completion of their Ph.D. Degree. ➤ All question papers for the Ph.D. Course work and PG must be verified for maintaining required standards by a committee constituted by the VC for this purpose.
<p>4.3</p>	<p>Deletion of Clause 10.1 and amendments in Clause 18.1 of B.Tech. - CBCS - Regulations - By Dean (Academics).</p> <p>Recommended the deletion of the following Clause 10.1 in CBCS Regulations 2015 of B.Tech. Programmes:</p> <p>10.1 A student should earn not less than 15 credits in the preceding academic year to proceed to the next academic year.</p> <p>If a student fails to earn a minimum of 15 credits in each academic year as stated above, he/she has to discontinue the programme till he/she earns the required credits as specified during the preceding year.</p>	<p>Not approved.</p> <ul style="list-style-type: none"> ➤ The VC informed that a detailed report in this regard will be submitted in the next meeting for review of the Academic Council for its decision.

	<p><u>Clause 18.1 – Course Repetition.</u> A student securing a U or RI grade in an elective course (EE/OE) shall re-appear for the same course in the end semester examination till he/she successfully completes the course in the subsequent semester(s). However, the student can opt for change of elective (EE/OE) course within 10 working days from the commencement of the EE/OE classes in that semester, if the students find that the EE/OE selected is not suitable for his requirements. Thereafter, no change of EE/OE courses by any student will be permitted.</p>	<p>Approved.</p>																					
<p>4.4</p>	<p>Amendments in Clause 14.2 of UG (Arts and Science) Regulations, effective from the academic year 2017-18 - By Dean (Academics).</p>	<p>Approved with following suggestions: -</p> <table border="1" data-bbox="895 1066 1417 1771"> <thead> <tr> <th>Test / Exam</th> <th>Weightage</th> <th>Duration of Test / Exam</th> </tr> </thead> <tbody> <tr> <td>First Periodical Test</td> <td>10%</td> <td>2 periods</td> </tr> <tr> <td>Second Periodical Test</td> <td>10%</td> <td>2 periods</td> </tr> <tr> <td>Third Periodical Test</td> <td>10%</td> <td>3 periods</td> </tr> <tr> <td>Assignment / Quiz / Seminar</td> <td>5%</td> <td></td> </tr> <tr> <td>Attendance</td> <td>5% *</td> <td></td> </tr> <tr> <td>End-Semester Examination</td> <td>60%</td> <td>3 hours</td> </tr> </tbody> </table> <p>*75% - 80% - 1 mark : 81 – 85% - 2 marks: 86 – 90% - 3 marks : 91% - 95% - 4 marks 96% - 100% - 5 marks</p> <p>It was reported that the attendance and the progress of the Arts and Science students are very poor. The members advised for proper</p>	Test / Exam	Weightage	Duration of Test / Exam	First Periodical Test	10%	2 periods	Second Periodical Test	10%	2 periods	Third Periodical Test	10%	3 periods	Assignment / Quiz / Seminar	5%		Attendance	5% *		End-Semester Examination	60%	3 hours
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		screening of the students during admission process. A Dean for all Arts and Science programmes should be appointed for proper monitoring and supervision.
5.	<p>B.Tech. EIE:</p> <p>The HOD (EIE) informed that four candidates only were admitted to the first year of the B.Tech. Programme in E.I.E for the academic year 2017-18. Hence, they were reallocated to B.Tech. ECE and EEE with the consent of the respective candidates and their parents. As such from the academic year 2017-18 candidates of II, III and IV years will be doing their B.Tech. Programme in the Department of EIE. In the meanwhile, the Department of EIE has come forward to start new programmes viz., B.Tech. in Instrumentation Engineering and B.Tech. Robotics & Automation for which the curriculum and syllabi will be presented in the next Academic Council Meeting.</p>	<p>Approved to re-allot the first year students joined in B.Tech. EIE programme to B.Tech. ECE / EEE programmes.</p> <p>The Instrumentation courses shall be offered as Specialisation under ECE and EEE departments</p>

6. Resolutions brought forward by Boards of Studies:

S.No.	Items	Decision Taken
Chairperson Board of Studies for <u>School of Building Sciences</u>		
6.1	Curriculum and syllabus for B.Arch. programme for semesters I to IV (effective from the academic year 2016-17) - By HOD (Planning and Monitoring) - Arch.	<p>The curriculum and syllabus for semesters I and II were ratified</p> <p>The curriculum and syllabus for semesters III and IV were approved.</p>

Chairperson Board of Studies for School of Science and Humanities

6.2	Restructured curriculum and syllabi for semesters I and II of B.Sc. programme for Fashion Design and Arts (effective from the academic year 2017-18) – By HOD, FD&A.	Approved.
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Chairperson Board of Studies for School of Electrical Sciences

6.3	Introduction of three new electives for B.Tech. ECE with Specialization in Bio-Medical Engineering viz. (i) Medical Imaging Systems; (ii) Pattern Recognition Techniques and Applications; (iii) Wavelet Transforms and its Applications for students admitted from 2014-15 onwards – By HOD, ECE.	Approved.
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Chairperson Board of Studies for School of Mechanical Sciences

6.4	Curriculum and syllabi for new programme viz. B.Voc. Rubber Technology – By HOD, Chemical.	Approved. The title “Concept of Banking” should be replaced by the title “Business Development Skills”
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Chairperson Board of Studies for School of Computing Sciences

6.5	Curriculum and syllabi for new programmes viz. (i) B.Tech. IBM programme for CSE / IT with Cyber Security (ii) Curriculum for Industry Collaborated BCA programme – By HOD, CS.	Approved. The members suggested the following: The HOD (CS) to take necessary steps to improve the admission of B.Tech IBM programme and to explore the possibility of collaboration with IBM for BCA programme.
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Chairperson Board of Studies for School of Aeronautical Sciences

6.6	Curriculum and syllabi for new programme B.Sc. for A.M.E. experienced candidates – By HOD, Aero.	Approved.
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7. Restructured curriculum and syllabi for Semesters I to IV for all Engineering UG Programmes – Effective from 2018-19

7.1	Dean (Academics) presented a series of PPT containing the various stages with regard to revision of curriculum and syllabi for all Engineering UG programmes of the University, with effect from 2018-19.	<p><u>Noted.</u></p> <p>The members suggested the following:</p> <p>The current pattern of offering Technical English and Communication Skills Labs should be maintained without any change. The restructuring of English and other Communication Skills courses are to be reviewed by the Curriculum Review Committee. It has to be cleared by a sub-committee of IQAC before presenting in the Board of Studies for approval.</p>
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Chairpersons of Schools / HODs of Departments presented their proposed Restructured curriculum and syllabi for Semesters I to IV (Effective from 2018-19) before the Academic Council for consultation:

Chairperson Board of Studies for School of Science and Humanities

7.2	Restructured curriculum and syllabi for I and II semesters (effective from the academic year 2018-19) – by HOD – S & H.
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Chairperson Board of Studies for School of Building Sciences

7.3	Restructured curriculum and syllabi for semesters I to IV of B.Tech. Civil (effective from the academic year 2018-19). - By HOD – Civil.
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Chairperson Board of Studies for School of Mechanical Sciences

7.4	<p>i) Restructured curriculum and syllabi for semesters I to IV of B.Tech. Mechanical Engineering, (effective from the academic year 2018-19). - By HOD, Mech</p> <p>ii) Restructured curriculum and syllabi for semesters I to IV of B.Tech. Mechatronics (effective from the academic year 2018-19). - By HOD, Mech.</p> <p>iii) Restructured curriculum and syllabi for semesters I to IV of B.Tech. Automobile Engineering, (effective from the academic year 2018-19). - By HOD, Mech.</p>
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	iv) Restructured curriculum and syllabi for semesters I to IV of B.Tech. Chemical Engineering and B.Tech. Bio-Tech., (effective from the academic year 2018-19). – By HOD, Mech.
Chairperson Board of Studies for <u>School of Computing Sciences</u>	
7.5	Restructured curriculum and syllabi for semesters I to IV of B.Tech. CSE, IT (effective from the academic year 2018-19) – HOD, CS.
Chairperson Board of Studies for <u>School of Electrical Sciences</u>	
7.6	i) Restructured curriculum and syllabi for semesters I to IV of B.Tech. ECE (effective from the academic year 2018-19) – By HOD, ECE
	(ii) Restructured curriculum and syllabi for semesters I to IV of B.Tech. EEE (effective from the academic year 2018-19) – By HOD, ECE.
Chairperson Board of Studies for <u>School of Aeronautical Sciences</u>	
7.7	Restructured curriculum and syllabi for semesters I to IV of B.Tech. Aeronautical and Aerospace. (effective from the academic year 2018-19) – By HOD, Aero.
The Academic Council decided the following on Item No. 7 relating to restructured curriculum and syllabi for Semesters I to IV for all Engineering UG Programmes – Effective from 2018-19:	
(a)	The course codes and common courses across programmes are to be reviewed and structured accordingly by a Review Committee consisting of members from COE Office, Dean (Academics) and Dean / HoD of concerned school / department. Courses shall have department / program specific codes and titles to avoid confusions. All common courses with same syllabus shall have same code and title.
(b)	Under B.Tech. Mechanical Engineering, (i) subject title 'Computer Programming' should be changed to "Problem Solving Skills using Computers"; (ii) latest hydraulic turbine should be included in the syllabus; and (iii) a drawing hall for the Mech. department is to be established to conduct classes for Engineering Drawing subject.
(c)	Under B.Tech. Automobile Engineering, it was suggested to incorporate modern automotive developments and industry practices in the syllabus.

- (d) All the reference and textbooks quoted in the curriculum and syllabus seem to be relatively old and the latest versions need to be incorporated.
- (e) HODs should communicate to the faculty of leading foreign universities through International Office for getting their curriculum and syllabus for B.Tech. programmes for comparison with our curriculum and syllabus.
- (f) It was decided to form a core committee consisting of Dean (Academics), COE, Deans and HoDs of concerned Schools / departments to examine the curriculum and syllabi very meticulously and to make required changes based on the latest developments and to ensure that the curriculum and syllabi are at par with leading international universities.
- (g) Henceforth, any modifications, amendments in the regulations, course restructure etc. have to be first reviewed by a sub-committee of IQAC and then placed before the concerned Board of Studies with their remarks for bringing the matter to the Academic Council.

8. Any other items with the permission of the Chair.

The HODs must ensure henceforth that all M.Tech. programmes should be taught by the Ph.D. qualified faculty members only and not by the M.Tech qualified faculty members.

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



REGISTRAR.

Copy to: ALL MEMBERS

