



Minutes of the 11th Meeting of the Planning and Monitoring Board

Held on : 07.09.2019 (Saturday)
Time : 10 a.m.
Venue : Board Room, 6th Floor, Founder's Block, HITS

MEMBERS PRESENT

1. Prof. K.V. Thomas, Former Union Minister and Patron
former Member of Parliament
2. Dr. Anand Jacob Verghese, Pro Chancellor Patron
3. Dr.K.P.Isaac ,Vice Chancellor Chairperson
- 4 Dr. Aby Sam, Director Member
5. Dr. M.P. Poonia, Vice-Chairman, AICTE UGC Nominee
6. Dr. A.M. Moorthy, Former Vice Chancellor, External Member
Tamilnadu Physical Education and Sports
University, Chennai.
7. Dr. G. Prabhakaran, Principal, KCG College of External Member
Technology, Karapakkam
8. Dr. G. Ilavazhagan, Director (International Affairs) Member
9. Dr. A. Udhayakumar, Controller of Examinations Member
10. Brig (Retd.) Dr. Ravi Varman, Dean (Admin.) Member
11. Dr Baby Joseph, Dean (Research) Member
12. Mr. Milton Gerard Huggins, DD CA & Training Member
13. Ms. Nasreen Baanu, Finance Controller Invitee
14. Dr. Pon. Ramalingam, Registrar Member Secretary

Mr. Ashok Verghese, Director and Dr. N. Vasudevan, Dean (E&T) were granted leave of absence.

1. Opening Remarks by Pro Chancellor

The Pro Chancellor extended a warm welcome to all members. He said that we have issues to discuss and address them in this Planning and Monitoring Board Meeting in the wake of draft New Education Policy and prevailing economic condition of the country. He sought continued support from the members for the activities of the Institution. He requested valuable suggestions from all members to take the institution to the next level.

2. Address by the Vice-Chancellor:

At the outset, the Vice-Chancellor extended a warm welcome to Prof. K.V. Thomas, Former Union Minister and former Member of Parliament, Dr. M.P. Poonia, Vice Chairman, AICTE, Dr. A.M. Moorthy, Former Vice Chancellor Tamil Nadu Physical Education and Sports University, Chennai and all other members of the 11th Meeting of the Planning and Monitoring Board. In spite of busy schedules, Prof. K.V. Thomas, Dr. M.P. Poonia and Dr. A.M. Moorthy have come here to give their valuable suggestions for improving the functions of the University. The Vice Chancellor presented the following: -

- (a) The NBA expert team visited HITS campus from 22nd to 24th February 2019 for accreditation of B.Tech. Aero, Auto, Civil, CSE and Mech. programmes and accredited all the five programmes for three years in Tier 1 under Washington Accord.
- (b) The institute is ranked 95th position under Engineering category in NIRF Rankings 2019.
- (c) The IET Accreditation Advisory team visited our campus on 5th and 6th September 2019. They have given suggestions for which we have to send a compliance report to the IET. They stressed that the students should experience the real learning of concept and practice.
- (d) The Institute has received 3 Stars rating (overall) by QS and QS 5 Stars rating in individual category – Teaching, Employability, Facilities, Innovation

and Inclusiveness. The institute is ranked in the band of 301-350 in the QS BRICS University Rankings 2019.

- (e) The HITS has been rated overall Gold in the QS I-GAUGE Rating.
- (f) A Special Convocation of HITS was held on 2nd February 2019 to confer the Degree of Doctor of Science (Honoris Causa) to Dr. E. Sreedharan, Principal Advisor, Delhi Metro Rail Corporation (DMRC).
- (g) The HITS University Day was celebrated on 5th April 2019, Prof. Dr. K.K. Aggarwal, Chairman, National Board of Accreditation and Former, Vice Chancellor, CGS Indraprastha University, New Delhi was the Chief Guest and Mr. Robert. G. Burgess, U.S. Consul General, Chennai was the Guest of Honour.
- (h) The HITS School of Law was launched on 20th June 2019 by Justice. Abraham Mathew, Judge (Retd), Kerala High Court on the Founder's Day.
- (i) A DAAD - German Academic Exchange Service project being implemented by the Auto Department, HITS. As a part of the project, the delegation from Trier University of Applied Sciences (TUAS), Germany visited our Campus from 16th to 23rd August 2019 to review the ongoing projects. A proposal for converting HITS campus into sustainable smart campus was discussed and the modalities are being worked out.
- (j) One Industry and One Faculty scheme was recently initiated to strengthen more industrial participation. Training for all faculty members in industries is emphasized. It was very well appreciated by the IET Advisory Team.
- (k) New funded Projects received from various National / International funding agencies were reported.
- (l) Research Publication target has been set for the faculty members.
- (m) Academic Reforms as suggested by the NBA and IET Advisory Team.
 - (i) Assessment. The change in question paper setting from memorisation to creative thinking and also changes in the evaluation pattern are being introduced by the COE.
 - (ii) Strengthening the external academic audit.
 - (iii) Industry Training scheme for faculty members.

(n) The University has introduced one credit course 'Comprehension' at the end of the 6th semester, which is to make an overall assessment of a student about what he has learned during the previous 6 semesters by making a presentation / attending a Viva Voce Examination.

3. Confirmation of the Minutes of the 10th Meeting of the Planning and Monitoring Board held on 8th December 2018.

The Minutes of the 10th meeting of the Planning and Monitoring Board held on 8th December 2018 was confirmed.

4. Action Taken Report on the 10th Meeting of the Planning and Monitoring Board held on 8th December 2018.

Action Taken Report on the Minutes of the 10th meeting of the Planning and Monitoring Board held on 8th December 2018 was discussed and approved.

5. Faculty Exchange Programmes.

24 (Twenty-four) Faculty members during 2018-19 participated in Faculty Exchange Programmes with Foreign Universities. **36 (Thirty-six)** Faculty members from Turkey, UK, Japan, Australia, Germany, Brazil, France, Malaysia, USA and Thailand visited HITS during 2018-19 under the Faculty Exchange Programmes. The details are given in **Appendix – III**. It has been planned to depute a minimum of 35 teachers from HITS, and to invite 40 teachers to HITS from foreign universities during 2019-20.

Noted by the members.

Dr. Ilavazhagan informed that the HITS is trying to increase the student strength under Erasmus plus and Mevlana Exchange programmes. As suggested earlier, we are trying to send at least 3% of the students for exchanges programmes.

6. Students Exchange Programmes:

40 (Forty) students from the University have participated under Semester Exchange / Summer Programmes / Cultural Exchange Programmes with various Foreign Universities during 2018-19. **13 (Thirteen)** students from countries of Brazil, France, Morocco, and Turkey visited HITS under Students

Exchange Programmes during the academic year 2018-19. The details as given in **Appendix – IV were** presented.

It has been planned to depute 60 students of HITS to foreign universities and to invite 30 students from foreign universities during 2019-20.

The students are motivated to participate in the exchange programmes by International Affairs Office / Students Affairs Office / concerned Departments.

Noted by the members.

7. Student Study Tours / Competitions:

International:

72 (Seventy-two) Students of HITS participated in study tours to various countries like Russia, Malaysia, Singapore and Dubai during the academic year 2018-19.

2 (Two only) students of HITS have undergone Internship in France and Poland during the academic year 2018-19.

41 (Forty-one) students of HITS participated in various International Competitions held in USA and China during the academic year 2018-19.

The details as furnished in **Appendix V** were presented for information of the Board.

Further, the University has planned to depute 120 students to participate in International study tour and Internship. Also planned to depute 65 students for International competitions during 2019-20.

National:

During the academic year 2018-19, **38 (Thirty-eight)** students from HITS participated in various National level competitions., conference, symposium. Details of such competitions are given in **Appendix VI.**

Further, it has been planned to depute 60 students to participate in National level competitions during the academic year 2019-20.

Noted by the members.

8. Research Publications:

Publications during the academic year 2017-18, 2018-19 and plan for 2019-20 are as follows:

Details	2017-18 (Actual)	2018-19 (Actual)	2019-20 (Planned)
Number of Journal Publications	175	268	475
Number of Conference Publications	60	74	125
Total	235	342	600

Detailed Plan of Action by research department for 2019-2020:

- Faculty is encouraged and motivated to publish in peer reviewed indexed journals.
- Each department has been set a target to achieve a given number of publications in the year
- Research at PG and UG level is encouraged to increase the number of publications.

The Board discussed the above in detail and approved the plan of action.

9. International / National level Conferences / Seminars / Workshops / Symposia / FDPs conducted:

- I. (a) The following Table shows the number of International Conferences / Seminars / Guest Lectures conducted during the academic year 2018-19:

International			
Conferences	Symposia	Seminars	Guest Lectures
5	2	4	10

- (b) The following table shows the number of National Conferences / Seminars / Guest Lectures and Faculty Development Programmes conducted during the academic year 2018-19:

National			
Conferences	Seminars / Workshops	Guest Lectures	FDPs
2	54	71	27

- II. (a) The following Table shows the number of International Conferences and Workshops planned to conduct during the academic year 2019-20:

International	
Conferences	Workshops
7	4

- (b) The following Table shows the number of National Conference / Seminars / Workshops / Symposia / Guest Lectures / FDPs planned to conduct during the academic year 2019-20:

National					
Conferences	Seminars	Workshops	Symposia	Guest Lectures	FDPs
1	11	23	9	95	9

Dr. Aby Sam, Director suggested to set minimum targets for the conduct of the Conference / National Conference by all departments. These details were discussed and approved.

10. Buildings Constructed, Under Construction and Proposed Construction:

The construction of higher floors in Jubilee Block was planned during 2015-16. The University completed 4th floor and part of 5th floor (48,368 Sq. ft.) with a cost of Rs.9.13 crores and the same was inaugurated by Hon'ble Vice President of India on 16.03.2018.

During the year 2017-18, the University planned to construct 5th floor (part) and 6th floor with an estimated area of 60,000 sq. ft. (Approximate cost Rs.16 crores). Construction of 5th floor (Part) & 6th floor (32,000 sq. ft.) with a budget of Rs.8 crores, is in progress during Academic year 2019-2020.

The tables below show the works executed, works in progress and future plans for buildings:

Building		Planned for 2018-19		Executed during 2018-19	
S.No.	Description	Area (Sq. Ft.)	Expenditure in Crores (2018-19)	Area (Sq. Ft.)	Expenditure in Crores (2018-19)
A	Academic Block				
	Edison Centre 3rd Floor	7,284	1.30	7,139	1.98
B	Facilities				
	Reception Block Interior works in Jupiter Boys Hostel	10,456	2.60	10,456	2.60
	Total		3.90		4.58

Building		Planned for 2019-20		Executed during 2019-20	
S.No.	Description	Area (Sq. Ft.)	Expenditure in Crores (2019-20)	Area (Sq. Ft.)	Expenditure in Crores (2019-20)
A	Academic Block				
	Jubilee Block (5th Floor part & 6th Floor)	32,000	8.00	32,000	1.90
B	Facilities				
	Jupiter Boys Hostel (Phase-II)	36,500	11.00	36,500	8.00
	Total		19.00		9.90

Proposed Infrastructure development during 2020-22:

S.No.	Name	Area (Sq. Ft)	Budget (Rs. In Crores)	Remarks
1	Academic Related			
a	New Academic Block	1,50,000	37.50	
b	Interior for food technology lab in Mess Block.(Jupiter Hostel)	8,500	0.25	Integrated food testing lab facility.
2	Facilities Related			
a	Staff Quarters (G+3 – 24 units)	25,720	6.60
b	Indoor Sports Stadium	40,000	6.00	Multipurpose

c	New STP with enhanced capacity (450 KLD) -80' x 50'	4,000	2.10	Necessitated due to TNRDC Bye-Pass
d	New ladies Hostel Block including kitchen & dining hall.	10,000	2.50	
e	Vehicle parking along TNRDC Bye-Pass.	20,000	0.25	
f	Front Compound wall Arch	-	0.60	
g	Compound wall along TNRDC Bye- Pass & Arch	-	0.80	
h	Guest House (Jupiter Hostel)	20,000	5.00	
i	Bio Gas Plant waste unit (1000sq Ft.)		0.12	
j	Storm water drainage	-	1.00	Ground water re-charge
k	Re-routing of sewage line.	-	0.25	As per revised infrastructure needs.
		Total	62.97	

The Board noted the list of Buildings (i) constructed; (ii) under construction and approved the proposed constructions.

11. Memorandums of Understanding:

A total of **39 (Thirty-nine)** MoUs with International Universities and **4 (four)** MoUs with Industries have been signed during the academic year 2018-19. The details are given in **Appendix VII**.

During the academic year 2019-20, it has been planned to sign 20 MoUs with International Universities / Industries.

The Board while appreciated for the initiation taken for signing MoUs with leading foreign universities approved the above.

12. Placement Activities:

A. The Table shows the placement activities held during the academic years 2017-18, 2018-19 and plan for the academic year 2019-20:

Details	2017-18	2018-19	Plan for 2019-20
No. of Companies	66	83	107
No. of Students Placed	301	410	400
No. of Eligible Students during the academic year	382	591	422
Total Strength	1132	1264	1053
% Placed Vs Eligible	78.80	69.30	95.00

The detailed list of Company wise placement given in **Appendix - VIII** of the agenda was presented.

B. PLAN FOR 2019-20 & subsequent batches

The Placement Department has planned to invite **107** Companies across India for recruitment of our students during the year 2019-2020.

After detailed discussion, the Board approved the above.

13. U.G. and P.G. admissions for the academic year 2019-20

U.G. admissions for the academic year 2019-20

S.No	Branch	Dept.	2019-20
			I Year
			I Sem
1.	Aeronautical Engg	Aeronautical	181
2.	Aerospace Engg		115
3.	Automobile Engg	Auto	41
4.	Civil Engg	Civil	12
5.	Computer Science & Engg	CSE	175
6.	Electrical & Electronics Engg	EEE	10

7.	Electronics & Commn Engg	ECE	94
8.	Mechanical Engg	Mechanical	34
9.	Mechatronics		31
10.	Information Technology	IT	32
11.	Information Technology (Cyber Security)		42
12.	B.Arch.	Arch	78
13.	B.Des. Fashion and Apparel Design		13
14.	B.Des. Interior Design		09
15.	Chemical Engg	Chemical	07
16.	BioTech	Bio -Tech	09
17.	B.A.,LL.B. (Honours)	Law	09
18.	B.B.A.,LL.B. (Honours)		06
19.	LL.B.		01
20.	B.B.A.	MBA	44
21.	B.B.A (Travel & Tourism)		03
22.	B.B.A. (Logistics)		09
23.	B.B.A. Aviation		76
24.	B.B.A. (Hospital & Health Care Management)		05
25.	B.Com.		45
26.	B.Com. (Banking Management)		02
27.	B.C.A.	MCA	78
28.	B.C.A. (DB System)		17
29.	B.C.A. (Multimedia & Animation)		10
30.	B.Sc. (Fashion Design)	Fashion Design	35
31.	B.Sc. Visual Communication	Visual Communica- tion	22
32.	B.Sc. Food Technology	S & H	55
33.	B.Sc. Physical Education, Health Education and Sports	PED	26

34.	B.A. Political Science	SLAS	04
35.	B.A. Psychology		05
36.	B.A. English		05
37.	Professional Diploma in Cyber Investigation and Laws	IT	05
Total			1345

P.G. admissions for the academic year 2019-20

S.No.	Branch		2019 -2020
1.	M.B.A.	SOM	59
2.	M.B.A. (Aviation Management)		20
3.	M.B.A. (Media and Entertainment)		10
4.	M.B.A. Logistics and Supply Chain Mgmt		11
5.	M.B.A. Hosp. & Mgmt		06
6.	M.B.A. (Hospital & Healthcare)		03
7.	M.B.A. (Sports Management)		07
8.	M.C.A. (LES)	MCA	33
9.	M.Tech. Comp Sc & Engg.	CSE	01
10.	M.Tech. CSE - Data Science Engg		01
11.	M.Tech. IT	IT	01
12.	M.Arch. (General) Part Time	ARCH	12
13.	M.Arch. (Housing) Part Time		12
14.	M. Plan.		17
15.	M.Tech. (Aero)	Aero	07
16.	M.Tech. AV (UAV)		02
17.	M.Tech (AME)		06
18.	M.Tech (Auto)	Auto	02
19.	M.Tech Thermal Engg.	Mech	02
20.	M.Tech. (VLSI)	ECE	01
21.	M.Tech (Robotics & Control)	EIE	02

22.	M.Tech. (CEM)	CIVIL	03
23.	M.Tech. (Environmental Engg.)		01
24.	M.Tech. (Highway Engineering)		02
25.	M.Sc. Chemistry	S & H	02
26.	M.A. English Language and Literature		03
Total			226
U G Programme 1345 + PG Programme 226 (Grand Total = 1571)			

The Pro Chancellor suggested for the extend of scholarship schemes to the Nepalese students. He also suggested student scholarships for the M.Tech. programmes to improve admission. The Board approved the above admission list.

14. New Faculty Members appointed:

36 (Thirty-six) faculty members have been appointed and joined the Institution during the academic year 2019-20. The list of such staff as given in **Appendix IX** was presented to the Planning and Monitoring Board.

The Board discussed in detail and approved the appointment of 36 faculty members during the year 2019-2020.

15. Sponsored Research Projects:

Projects sanctioned during 2018-2019

The Board was informed regarding the sponsored projects sanctioned from various agencies during academic year 2018-2019 as detailed below:

S. No	Title of the Project	Investigators	Amount Sanctioned (Rs. in Lakhs)	Funding Agency	Sanctioned on
1	High Temperature Turbine Cascade Studies	Mr. Sarath Kumar	21.3	SERB	05.11.2018
2	Edge Saturated Si ₂ BN Nano-Ribbon	Dr.Puspamitra Panigrahi	21.3	SERB	05.11.2018

	as High-Capacity Anode Materials for Next Generation Mg Ion Batteries				
3	Estimation of shock levels and its impact on the underwater axi-symmetric bodies due to water entry and pyro shock	Dr. K. Ramajeyathilagam Mr. Stanley Samlal	6.65	NSTL	11.07.2018
4	Design, Development and Characterization of Electrostatic Sensor with Digital Electrostatic System for Debris Monitoring in Gas Turbines	Dr. S. Sekar Dr. U. Ramachandraiah	9.98	GTRE	14.12.2018
5	Development of a mobile wall climbing robot for the internal non-destructive testing (NDT) of storage tanks and for project based learning on mechatronics programs	Dr. D. Dinakaran Dr. M.M. Ramya Dr. R.M. Kuppan Chetty	46.3	RAE	21.02.2019
6	Wall climbing robot with reduced sound levels using active noise control	Dr.Uppu Ramachandraiah Dr. G. Muthukumaran Dr. E. Sathish	60.62	DRDO	28.06.2019

9 (Nine) project proposals with a total of Rs. 165.96 lakhs have been submitted to various funding agencies, during academic year 2018-2019.

The target for 2019-2020 regarding funded research projects will be Rs. 2.00 Crores.

The Board noted the above.

16. Accreditation Status of N.B.A. / I.E.T.

A. NBA Accreditation:

I. The Member Secretary, National Board of Accreditation, New Delhi in his letter (file) No. 33-305 / 2014-NBA dated 28-03-2019 has communicated their grant of accreditation in **Tier-I**, to the following five programmes for **Three years** (from 2019-2020 to 2021-22, i.e. up to 30.06.2022):

1. B.Tech. (Automobile Engineering)
2. B.Tech. (Mechanical Engineering)
3. B.Tech. (Civil Engineering)
4. B.Tech. (Computer Science Engineering)
5. B.Tech. (Aeronautical Engineering)

II. Further the University is in the process for NBA accreditation for the following five programmes:

1. B.Tech. (Information Technology)
2. B.Tech. (Aerospace)
3. B.Tech. (Mechatronics)
4. B.Tech. (Electronics and Communication Engineering)
5. B.Tech. (Electrical and Electronics Engineering)

The required documents have been uploaded in the NBA portal.

B. I.E.T. Accreditation:

The University has applied for IET Accreditation for the following five programmes in July 2017:

1. B.Tech. Computer Science and Engineering
2. B.Tech. Electronics and Communication Engineering
3. B.Tech. Electrical and Electronics Engineering
4. B.Tech. Mechanical Engineering
5. B.Tech. Automobile Engineering

The Institution of Engineering and Technology (IET) Accreditation Advisory team visited our campus on 5th and 6th September 2019. They have given suggestions for which HITS has to send a compliance report to IET.

Noted by the members.

17. Any other business with permission of the Chair.

(a) Dr. M.P. Poonia, Vice-Chairman, AICTE informed the following: -

- (i) The whole pattern regarding OBE and Assessment system is available in the AICTE Web. Training for faculty is also imparted by the AICTE. The staff members from HITS can utilize this opportunity.
- (ii) He suggested to apply NABL accreditation for HITS labs. This will enable the testing agencies to utilize the HITS labs. The mandatory training for the testing lab staff is being imparted by NITTTR Chandigarh.
The Vice Chancellor informed that the Department of Food Technology is working out the modalities for the establishment of food testing lab accredited by NABL.
- (iii) AICTE is holding the Chhatra Vishwakarma Awards for the students of AICTE approved degree and diploma level Technical institutions. The awards are aimed for motivating young individuals, inspiring leaders and institutions / organizations to raise their performance in their specific domains leading to significant contribution towards the growth and development of the nation. The students of HITS can apply this award.
- (iv) Being a Category II institution, HITS can start online courses with the approval of UGC / Distance Education Council [DEC].
- (v) HITS is having a very good infrastructure and the facilities should be optimally utilized. Evening / part time courses should also be run by the University.
- (vi) He suggested for an Innovative curriculum and nomenclature of the courses to meet the industry requirement. The AICTE has prepared innovative curriculum in emerging areas and it is available in the website. AICTE Training and Learning (ATAL) Academy is also conducting FDPs to train the faculty members in these emerging areas. The HITS can utilize this opportunity.

- (vii) A one-day workshop for all faculty members of HITS will be conducted on request.
 - (viii) He suggested to re-apply to participate in the AICTE – MARGDARSHAN scheme.
- (b) ***Prof. K.V. Thomas, Former Union Minister and former Member of Parliament informed the following: -***
- (i) *The Govt. of India projects like conservation of water, electricity using solar energy, cost effective houses, bio-toilets etc. may be taken up by HITS.*
 - (ii) *He suggested that the Central Library may function for 24 hours for students and faculty.*
- (c) ***Dr. Anand Jacob Verghese, Pro Chancellor suggested to start following Schools:***
- (i) School of Design to enhance the design capabilities of students in industrial project and communication.
 - (ii) School of Allied Health Sciences.
- (d) ***Dr. G. Ilavazhagan, Director (International Affairs) informed the following: -***
- (i) The students have developed a technology (prototype) for conversion of single used plastics into diesel and that has been appreciated by the British Consulate and they would like to install this technology in all their establishments in India.
 - (ii) Under “Study in India”, 25 foreign students were applied, out of which 22 were found eligible for admission in HITS and 7 students accepted our offer but only one student has joined so far.
- (e) ***Dr. Baby Joseph, Dean (Research) informed the following on Ph.D. admission: -***

- (i) There are 449 research scholars, out of which, 84 are full time, 104, are part time internal and 261 are part time external.
- (ii) 84 research scholars are joined this year, out of which 29 are full time, 9 are part time internal and 46 are part time external.
- (iii) The research scholars who have cleared NET / GATE will get 25,000/- per month as a stipend. Apart from this, engineering research scholars who have obtained more than 75% marks in UG and PG will get Rs. 18,000/- per month as stipend. The Science and Management research scholars will receive Rs. 15,000/- and Rs. 12,000/- per month as stipend respectively.

Meeting was concluded with the vote of thanks by the Registrar.



REGISTRAR.

Copy to: ALL MEMBERS.