

INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

MINUTES OF EIGHTH MEETING OF THE GOVERNING BODY HELD ON 08 AUGUST, 2019

The Eighth Meeting of the Governing Body was held at 02:30 PM on 08 August, 2019 (Thursday) in the Sahana Board Room, Bharadwaja Block.

The following members attended:

S No.	Members	Portfolio	Designation
1	Dr. Om Vikas	Chairman	Former Director ABV - Indian Institute of Information Technology and Management Gwalior, Madhya Pradesh
2	Prof. A Damodaram	UGC Nominee	Vice - Chancellor Sri Venkateswara University Tirupati
3	Prof. K Venkatachalam	State Govt. Nominee	Former Vice Chairman - I Telangana State Council for Higher Education, Hyderabad
4	Dr. N Yadaiah	University Nominee	Registrar Jawaharlal Nehru Technological University Hyderabad, Hyderabad
5	Sri. M Rajasekhar Reddy	Management	Chairman Institute of Aeronautical Engineering Hyderabad
6	Sri. Ch Sathi Reddy	Management	Secretary & Correspondent Institute of Aeronautical Engineering Hyderabad.
7	Sri. B Rajeshwar Rao	Management	Treasurer & Executive Director Institute of Aeronautical Engineering Hyderabad
8	Sri. M M Naidu	Industrialist	Chairman Uppal Industrial Corporation Hyderabad
9	Prof. V V S Haranadh Prasad	Faculty	Professor of Mechanical Engineering Institute of Aeronautical Engineering Hyderabad
10	Dr. P Sridhar	Faculty	Professor of Electrical and Electronics Engineering, Institute of Aeronautical Engineering, Hyderabad
11	Dr. L V Narasimha Prasad	Ex-Officio	Principal Institute of Aeronautical Engineering Hyderabad

Mr. M Rajasekhar Reddy, member and Chairman of the institute, welcomed all the members of the Governing Body.

Dr. L V Narasimha Prasad, Principal and Ex-officio of the Governing Body of the Institute of Aeronautical Engineering, presided over the meeting.

The Members of the Governing Body discussed the agenda item wisely and resolved as per the details given below.

RESOLUTIONS

1.	. Confirmation of the minutes and action taken					
1.1	:	Confirmation of the minutes of 7th meeting of the Governing Body held on 08 Sept, 2018				
		The minutes of the 7 th Governing Body meeting were ratified.				
1.2	:	Follow up action on the minutes of the 7 th Governing Body meeting held on 08 Sept 2018				
	-	Principal apprised the members that the 7 th meeting of Governing Body was held on 08 Sept, 2018 and presented the action taken in accordance with the resolutions/ suggestions made.				
		 The board advised all departments to apply for the recognition of Research Center to enhance the activities of Research and Development. Therefore, this facility will create a further improvement to publish a surplus number of research articles in reputed indexed journals. The institute applied in Computer Science and Engineering, Electronics and Communication Engineering and Mechanical Engineering for the grant of Establishment of Research Centre recognition from Jawaharlal Nehru Technological University Hyderabad. Training programs are conducted to the students to increase the placements in core 				
		engineering branches. 4. Digital Scanning facilities improvised, as 8 scanners added to the existing 1				
		scanners. 5. Established Technology Innovation and Incubation Centre in the institute with 70 square meters for the following objectives:				
		 To cultivate Entrepreneurial culture among the community. To support the formation of both technological and non-technological business for the purpose of student's successful career development. To position IARE and the community to explore the new business opportunities. To provide experimental learning opportunities and internships for students and faculty that will complement programs on-campus. To create jobs for graduating students. To expand the opportunities for IARE to partner and engage with the community. To generate startup ideas, aligning with national priorities To promote new technology / knowledge / innovation-based startups To provide a platform for speedy commercialization of technologies developed by the host institution or by any academic / technical / R&D institution. The institute applied for evaluating the following PG Engineering programs and PG -Management Program (MBA) through vide application ID No's. 2634-27/11/2017 and 3502-07/02/2019. 				
		PG - Computer Science and Engineering II. PG - Embedded Systems III. PG - CAD/CAM				
		IV. PG - Master of Business Administration (MBA)				
		The visit conformation from expert committee to Institute of Aeronautical Engineering has been received and which was scheduled from 16 to 18 Aug, 2019 to evaluate the above stated programs for possible grant of NBA accreditation, vide File No. 11-67-2010-NBA, dated: 23-07-2019, as enclosed in Annexure - I .				
		Resolution: The Governing Body ratified and approved the Action Taken Report.				
2.	Ite	ms for consideration and approval				
2.1	:	Consideration and approval on extension of approval by the AICTE for the Academic				

		Year: 2019 - 2020					
		Members appreciated the efforts of the Management and the Principal in getting extension approval for the existing programs for the Academic Year 2019 - 2020 from AICTE, New Delhi. The EoA is enclosed in Annexure - II.					
		Resolution: The Governing Body considered and approved the grant of Extension of Approval (EoA) for the Academic Year 2019 - 2020, vide South-Central/1-4271244608/2019/EOA, dated: 25 April, 2019.					
2.2	:	Consideration and approval of affiliation (A119) granted by JNT University, Hyderabad for the Academic Year: 2019 – 2020					
		Resolution: The Governing Body considered and approved the grant of affiliation for the Academic Year 2019 - 2020. Ref: Letter received from Registrar, J N T University Hyderabad, dated: 14 May, 2019. The affiliation letter is enclosed in Annexure - III.					
2.3	:	Consideration and approval for modifications in composition of Governing Body					
		As now the LICC requisitions the Dirit to th					

As per the UGC regulations, the Principal requested the Governing Body to approve the following changes in their portfolios in the constitution of the committee with effect from 01 Jan, 2020.

Sri. M M Naidu, the Industry nominee, expressed his inability to attend the Governing Body meetings hereafter due to his personal problems. In view of this, Sri. Ch Jayasimha Reddy, CEO, M/s MTE Industries, has been recommended as Industry nominee in the place of Sri M.M. Naidu.

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2	Prof. A Damodaram	UGC Nominee	Professor of CSE & Director, SIT Jawaharlal Nehru Technological University Hyderabad, Hyderabad
3	Prof. K Venkatachalam	State Govt. Nominee	Former Vice Chairman - I Telangana State Council for Higher Education, Hyderabad
4	Dr. N Yadaiah	University Nominee	Professor of EEE Department JNTU College of Engineering Hyderabad, Kukatpally, Hyderabad
5	Sri. M Rajasekhar Reddy	Management	Chairman Institute of Aeronautical Engineering Hyderabad
6	Sri. Ch Sathi Reddy	Management	Secretary and Correspondent Institute of Aeronautical Engineering Hyderabad.
7	Sri. B Rajeshwar Rao	Management	Treasurer and Executive Director Institute of Aeronautical Engineering Hyderabad
8	Smt. M Mamatha Reddy	Society Nominee	1 st Vice President Maruthi Educational Society Hyderabad
9	Sri. Ch Jayasimha Reddy	Industrialist	CEO, M/s MTE Industries Jinnaram, Medak Dist.
10	Dr. P Sridhar	Faculty	Professor of EEE Department Institute of Aeronautical Engineering, Hyderabad
11	Prof. V V S Haranadh Prasad	Faculty	Professor of ME Department Institute of Aeronautical Engineering Hyderabad
12	Dr. L V Narasimha Prasad	Ex-Officio	Principal Institute of Aeronautical Engineering Hyderabad

		Resolution: The Governing Body noted and accepted the revised portfolios in the Governing Body. The revised committee constitution was noted and ratified which was approved in Society meeting as well. The Society minutes are enclosed in Annexure - IV .						
2.4	: Consideration and approval of NBA Accreditation status of UG Programs							
	The Governing Body considered and approved the accreditation status of programmes (Aeronautical Engineering, Computer Science and Engineering, Info Technology, Electronics and Communication Engineering, Electrical and Ele Engineering, Mechanical and Civil Engineering departments) till 30 June, 2022, v No. 11-67/2010/NBA, dated: 22-03-2019 is enclosed in Annexure – V.							
		Princi	ution: The Governing Body noted and appreciated pal and the faculty for further extension of Accreditation. till 30 June, 2022.	the efforts of Management, on status (Tier - II) for three				
2.5	:	Consi of Ind	deration and approval of institutes NIRF - 2019 rank lia	ing by MHRD, Government				
		rankin compl	rincipal presented the national level ranking system of Institute achieved 139 th rank in Engineering category in gs were declared by MHRD on 08 April, 2019. The rank ete analysis is provided. The NIRF certificate and courte - VI.	national rankings. The NIRF				
		Resolute faculty	ution: The Governing Body considered and congratulate and students of the institute.	ed the Management, Principal,				
2.6		Consideration and approval of annual accounts / budget utilization for the Financial Year: 2018 - 2019						
		Finance the bo	ex-Officio submitted the budget utilization statements cial Year 2018 - 2019 for their perusal. It is also submitte ard for the Financial Year 2017 - 2018 for their inform closed in Annexure - VII.	d the audited statement before				
		Members suggested to present income and expenditure particulars to be categorized in detail						
			ution: The Governing Body resolved to ratify the budg					
2.7	:	Consi	deration and approval of Budget proposals for the Fin	ancial Year: 2019 – 2020				
	The Ex-Officio presented the budget estimates approved by the Finance Committee financial year 2019 - 2020. The Governing Body took note of the following details detailed budget is enclosed in Annexure - VIII.							
		SN	Description	Total Cost (Crores)				
		1	Lab Equipment	. 1.55				
		2	Software .	0.2				
		3	R&D Equipment	0.82				
		4	Lab Consumables	0.45				
		5	Faculty Development Programme	0.33				
		6	Advisory Committee Expenditure	0.09				
		7	Technical Events/ Workshops / Seminars for Students	0.55				
		8	Training and Travel	2.1				
		9	Furniture	0.15				

	Total	40.84
14	Board of Studies/ Governing body meetings	0.12
13	Infrastructure and Others	5.88
12	Staff Salaries	4.0
11	Faculty Salaries	20.6
10	Infrastructure	4.0

Resolution: The Governing Body resolved to ratify the action taken by the Principal regarding forwarding the approved budget by the finance committee for the year 2018 - 2019.

2.8 : Consideration and approval of the incentives for research publications, IPRs and patents (Filed / Published / Granted) etc.

The Research and Development Cell aims to nurture research culture in the College by promoting research in newly emerging and challenging areas of Engineering, Technology, Science and Humanities. To promote research culture in a healthy way, the management provides incentives to the faculty members of the college for research paper publications. In order to encourage faculty involvement in research, consultancy and field projects, the incentive system has been introduced for the faculty. It is intended that faculty would involve in research during their spare time leading to publications in reputed Journals / Conferences, Text Books, Copy Rights, IPRs and patents. It is envisaged that this would also help to improve their quality of teaching.

The brief abstract of the faculty incentives since last Governing Body meet is:

SN	Month /	No. of Publication	is (Scopus/ SCI /WoS)	Text	MOOCs	Incentive
	Year	Journals	Conferences	Books		Amount
1	Oct, 2018	2	1	1	0	1,24,260
2	Nov, 2018	2	3	1	1	1,06,96
3	Dec, 2018	3	2	0	0	1,26,920
4	Jan, 2019	- 8	3	. 0	. 0	2,66,96
5	Feb, 2019	4	· 1	0	0	83,589
6	Mar, 2019	5	1	1	0	1,26,965
7	Apr, 2019	6	1	0		1,22,500
8	May, 2019	5	1	0	0	1,03,160
9	Jun, 2019	2	2	0	0	1,14,400
10	July, 2019	6	1	1	1	2,60,000
11	Aug, 2019	5	2	1	1	3,77,748
		•	rotal .			18,13,472

The list of the faculty who received incentives since last academic council meet is enclosed in Annexure - IX.

The Chairperson of the Committee suggested the faculty to take-up joint research publications with students. Inclusion of the students leads to the heightened inclination towards research.

Resolution: The members appreciated the practice of executed faculty incentives system for their active involvement in research and consultancy.

2.9 : Consideration and approval of the external fund for sponsored research projects

The members of the Board suggested the encouragement of the students and faculty to undertake the research in newly emerging frontier areas of Engineering, Technology, Science and Humanities including multidisciplinary fields. It enhances the general research capability of budding technocrats by way of participating in conferences, seminars, workshops, project competition, etc. The detailed projects are enclosed in **Annexure** – **X**.

They also advised to instigate for an equal and active involvement from all departments in getting the research projects.

The Major Government Funding Agencies are:

- · Department of Science and Technology (DST), New Delhi
- All India Council for Technical Education (AICTE), New Delhi
- University Grants Commission (UGC), New Delhi, etc.

Funded Research Projects					
S No	Status	No. of Projects	Cost (Lakhs)		
1	On-Going	03	55.55		
2	Research Projects Submitted	18	870.01		
3	Seminar / Conference / MODROBS / FIST / ASPIRE etc.	10	97.9		

Resolution: The efforts of Management and Principal are appreciated in getting research projects from Government funded organizations.

2.10 : | Note on Science and Technology Start-Up Park (STSP)

The idea behind STSP is to "Transform Engineering Ideas into Amazing Start-Ups". Institute of Aeronautical Engineering, Hyderabad runs Science and Technology Start-Up Park (STSP), a technology business incubator facility to support start-ups in the areas of information technology, electrical, electronic and mechanical engineering. The Centre enables "Smart Manufacturing via the Make in India Initiative". It aims to offer students with innovative ideas and an opportunity to become entrepreneurs. Promising candidates, who have exciting ideas, could start right from the first year.

- STSP functions in association with the Ministry of Micro, Small Medium Enterprises, the Confederation of Indian Industry, National Entrepreneurship Network, Ministry of Skill Development & Entrepreneurship, PMCIEDC, ITCOT, EDI, SIDCO and TIIC.
- Signed agreement with 16 corporate houses to facilitate incubation of ideas.
- To promote economic development of our nation through establishing a successful innovative entrepreneurship model that provides high quality services by young entrepreneurs.
- To build a vibrant start-up ecosystem, by establishing a network among alumni, students, faculty, and industry.

Resolution: Members appreciated the efforts of the Management and Principal in establishing Science and Technology Startup park (STSP) at IARE. They also appreciated the activities conducted under STSP.

2.11 : Note on faculty members with Ph.D qualification and faculty members pursuing Ph.D

The list of the faculty with doctoral degree and pursuing PhD in various Universities was submitted to the board for their comments. The details are enclosed in **Annexure - XI.**

S No	Department	PhD Faculty	Faculty pursuing PhD
1	Aeronautical Engineering	02	05

	_							
		2	Computer Science and Engineering	11	09			
		3	Information Technology	04	03			
		4	Electronics & Communication Engineering	14	07			
		5	Electrical and Electronics Engineering	06	06			
		6	Mechanical Engineering	12	08			
		7	Civil Engineering	03	03			
		8	MBA	03	02			
		9	Humanities & Basic Sciences	09	05			
			Total	64	48			
		Resolu	pard appreciated the management for recruining high number of PhD faculty would help ition: The board noted and ratified the list of	nstitution grow	further and faster.			
		meeting	g					
2.12	<u> </u> :	Consid commu	eration and approval of department wise, d unity wise highest and lowest cut off mark in	istrict wise, stat	te wise and 2019			
		neariy	overning Body members congratulated the man 100% admissions for the entire sanctioned for the Academic Year 2019 - 2020.	agement and the intake in B.Te	Principal on achieving ch, M.Tech and MBA			
		The list of UG students who joined IARE during 2019 - 2020 was presented to the board for the approval. The detailed branch wise list is enclosed in Annexure - XII. The list was prepared based on the student details including gender ratio, district and community, branch wise. TSEAMCET-2019 rank wise analysis was also submitted to the board. The state-wise admissions are also enclosed.						
		Resolution took the	tion: The Governing body noted and ratified admissions in the academic year 2019 -2020.	the nominal rol	ls of the students, who			
3. It	tem		atification					
3.1	:	Ratifica	ation of the minutes of 6 th Academic Council	meeting.				
		The Principal presented the academic rules and regulations, course structure of IARE-R18 and Transitory Regulations, the proposal for credit framework policy of online courses and the proposal of introducing Honors and Minors in B.Tech program to the Academic Council for their perusal. The board suggested that the proposal would be sent to the affiliated university for approval after deliberate discussion in the Governing Body meeting.						
		Resolut Council	tion: The Governing Body notified and ratif meeting.	ied the minutes	of the 6 th Academic			
3.2	:	Ratifica meeting	ation of minutes of Standing Committee mee	etings held since	e, 7 th Governing Body			
		submitte Standing The deta of attend	The standing committee meetings are conducted in the institute on regular intervals which take the decisions on matters of urgency and reports to Academic Council. The Chairperson submitted the Standing Committee minutes to the board for comments. They conducted the Standing Committee meetings seven times so far before the 8 th Governing Body meeting. The detailed result analysis of B. Tech, MBA and M. Tech; students detained due to shortage of attendance/credits was enclosed in the minutes of standing committee. The details in brief are presented as follows:					
		S No	Date Agenda discussed 01 Aug, 2018 Credits based detention up to B.T	ech II Sem and	n to P. Toch IV Same			
		·	1	con it sem and u	DIO B. I ech IV Sem			

<u> </u>		for Academic Year 2017 - 2018 (IARE - R16)
2	08 Nov, 2018	Shortage of attendance, subject wise detention, condoned students and attendance details of B.Tech - I, III, V Sem and MBA - III Sem
3	22 Dec, 2018	Shortage of attendance, subject wise detention, condoned students and attendance details of M.Tech and MBA - I Sem
4	20 Apr, 2019	Shortage of attendance, subject wise detention, condoned students and attendance details of B.Tech - IV, VI Sem and MBA - IV Sem
5	27 Apr, 2019	Shortage of attendance, subject wise detention, condoned students and attendance details of B.Tech - II Sem
6	15 May, 2019	Shortage of attendance, subject wise detention, condoned students and attendance details of M.Tech and MBA - II Sem
7	03 Aug, 2019	Credits based detention up to B.Tech II Sem (IARE - R18), B.Tech IV Sem (IARE - R16) and up to B.Tech VI Sem (IARE - R16) for Academic Year 2018 - 2019

The details of the students detained, condoned are:

SN	Meeting Held	Programme /	Si	nortage of Attend	ance
	on	Semester	Overall Detention	Course wise Detention	Condonation
		B.Tech - I Sem	5	29	146
1	08 Nov, 2018	B.Tech - III Sem	. 3	126 .	283
•	00 1101, 2010	B.Tech - V Sem	2	88	315
	<u> </u>	MBA - III Sem	1	Nil	26
2	22 Dec, 2018	M.Tech - I Sem	2	Nil	8
	22 500, 2010	MBA - I Sem	4	Nil	12
	20 Apr, 2019	B. Tech - IV Sem	13	83	261
3		B. Tech - VI Sem	2	88	293
		MBA - IV Sem	Nil	Nil	Nil
4	27 Apr, 2019	B. Tech - II Sem	13	123	343
5	15 May 2010	MBA - II Sem	Nil	Nil	Nil
	15 May, 2019	M.Tech - II Sem	Nil	Nil	Nil
		Shortage	of Credits		
6	01 Aug 2019	B.Tech - II Sem	IARE - R16		40
	01 Aug, 2018	B.Tech - IV Sem	IARE - R16		11
		B.Tech - II Sem	IARE - R18		31
7	03 Aug, 2019	B.Tech - IV Sem	IARE - R16		26
		B.Tech - VI Sem	IARE - R16		04

Resolution: The board noted and ratified the minutes of Standing Committee meetings held since last Governing Body meet. The minutes are enclosed in **Annexure - XIII.**

3.3 : Ratification of the staff appointed and staff relieved since the 8th Governing Body meeting

Principal apprised to the board that the faculty left on their own accord and the major reasons included government jobs and relocating to their native places. The department wise faculty details are enclosed in **Annexure - XIV**.

The list was presented before the board. The board took note of the following details

S No	Department	No. Faculty recruited	No. Faculty relieved	
1	Aeronautical Engineering	05	06	
2	Computer Science and Engineering	08	10	
3	Information Technology	04	02	
4	Electronics & Communication Engineering	06	. 08	
5	Electrical and Electronics Engineering	05	03	

6	Mechanical Engineering	01	
	Wischamear Engineering	01	05
7	Civil Engineering	08	06
8	MBA	02	03
9	Mathematics	01	02
10	Physics	. 01	. 03
11	Chemistry .	-	02
12	English	02	03
	Total		

Resolution: Members of the board approved the list of the faculty recruited and relieved from the last meet.

4. Items for Information

4.1 : Information on 16th Graduation Day celebrations.

It was apprised to the board that the 16th Graduation day was conducted on 31 August, 2019 in the presence of all the management members, teaching and non-teaching staff and the Chief Guest of the ceremony was Mr. Nirankar Saxena, Dy. Secretary General, Federation of Indian Chambers of Commerce & Industry (FICCI), New Delhi. The brochure, schedule of events etc. are enclosed in Annexure - XV.

Resolution: The members of the Board noted and appreciated.

4.2 : Information on value added Education & Training through skill development centre

The Principal appraised the Board about the student development programs focusing on every aspect of a student's personality, helping him/her to develop interpersonal, technical and business skills through 'IARE-GoLABS', which include

- BUILD IT, Programming Tutorials | Coding Hackathons
- METE, Modeling and Experimental Tools in Engineering
- CONSORTIUM, An Inter College Technical Fest
- BOOT Camps, Summer Training program
- DHANUSH, Company specific Tests
- CONCOCT, An innovative idea presentation
- Online Proficiency Tests

Resolution: The members of the Board noted and appreciated the exceptional efforts of the Management and the Principal as the training programs assist the students to improve their job opportunities.

4.3 : Department wise placement details in Academic Year: 2018 - 2019

The department-wise placement details were presented to the Governing body for comments. After detailed deliberations, they suggested conducting more training classes for the placement of the students in software as well as in Core companies. The list is enclosed in **Annexure - XVI.**

Resolutions: The placement details were ratified by the Governing Body.

4.4 : Write-off of unserviceable laboratory equipment and library books

Resolution: The Governing Body approved the proposal to write-off the unserviceable laboratory equipment and to dispose of the unusable library books.

Suggestions made by the members of the Governing Body:

- Projects should address the local problems
- Bridge courses or short-term courses should be initiated to enhance the communication skills in English among the students immediately after their admission into first year B.Tech.
- Students should be encouraged to take up industry training programs and the reports ought to be considered as consultancy projects.
- A part of the projects from students' ought to be converted into entrepreneurship schemes
- In order to facilitate PhD programmes through the establishment and recognition of Research Centres in the Departments of Computer Science and Engineering, Electronics and Communication Engineering and Mechanical Engineering.
- Analytical questions are to be made an integral part of the Question paper.
- At least 20% application oriented, problem finding questions are to be included in the question paper
- Inculcate innovative ideas in the students through hands on experience

The Eighth meeting of the Governing Body concluded with thanks to the members.

S No.	Members	Portfolio	Signature
1	Dr. Om Vikas	Chairman	
2	Prof. A Damodaram	UGC Nominee	
3	Prof. K Venkatachalam	State Govt. Nominee	
4	Dr. N Yadaiah	University Nominee	
5	Sri. M Rajasekhar Reddy	Management	MLW
6	Sri. Ch Sathi Reddy	Management	Messey
7	Sri. B Rajeshwar Rao	Management	COD 66
8	Sri. M M Naidu	Industrialist	
9	Prof. V V S Haranadh Prasad	Faculty	hommedy
10	Dr. P Sridhar	Faculty	Swythouse.
11	Dr. L V Narasimha Prasad	Ex-Officio	Lookana.

PRINCIPAL