

INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

MINUTES OF FOURTEENTH MEETING OF THE GOVERNING BODY HELD ON 06 APRIL, 2024

The Fourteenth meeting of the Governing Body was held at 02:30 PM on 06 April, 2024 (Saturday) in the Sahana Board Room, Bharadwaja Block.

List of the Governing Body members:

S.No	Members	Portfolio	Designation		
1	Sri. M Rajasekhar Reddy	Chairperson	Chairman Institute of Aeronautical Engineering, Hyderabad		
2	Dr. Ramji Manoharan	UGC Nominee	Professor, Department of Mechanical and Aerospace Engineering, Indian Institute of Technology Hyderabad		
3	Prof. K Venkatachalam	State Govt. Nominee	Former Vice Chairman, Telangana State Council for Higher Education, Hyderabad		
4	Dr. G Venkata Narasimha Reddy	University Nominee	Principal & Professor of Civil Engineering, JNTUH College of Engineering, Hyderabad		
5	Prof. P B Sharma	Educationist	Vice Chancellor, Amity University, Gurgaon		
6	Dr. N V Ramana Rao	Educationist	Director & Professor of Civil Engineering, National Institute of Technology, Raipur		
7	Dr. A Damodaram	Educationist	Senior Professor of CSE, Department of Information Technology JNT University Hyderabad, Hyderabad & Former Vice Chancellor, SV University Tirupati		
8	Sri. Ch Sathi Reddy	Management	Secretary and Correspondent, Institute of Aeronautical Engineering, Hyderabad		
9	Sri. B Rajeshwar Rao	Management	Treasurer and Executive Director, Institute of Aeronautical Engineering, Hyderabad		
10	Smt. M Mamatha Reddy	Society Nominee	1 st Vice President, Maruthi Educational Society, Hyderabad		
11	Sri. Ch Jayasimha Reddy	Society Nominee	1 st Joint Secretary, Maruthi Educational Society, Hyderabad		
12	Dr. Y Pandu Rangaiah	Faculty	Associate Professor of ECE, Institute of Aeronautical Engineering Hyderabad		
13	Dr. V V S Haranadh Prasad	Faculty	Professor of Mechanical Engineering, Institute of Aeronautical Engineering, Hyderabad		
14	Dr. L V Narasimha Prasad	Ex-Officio	Principal & Professor of Computer Science and Engineering Institute of Aeronautical Engineering, Hyderabad		

RESOLUTIONS

Item | Item Description 1. Confirmation of Minutes and Action Taken 1.1 Confirmation of the minutes of 13th Governing Body meeting Follow-up action and action taken report on the minutes of the 13th Governing Body 1.2 meeting **Item Description** Action Taken A comparative budget shall be A detailed budget is prepared along with the comparative prepared statement has been prepared and enclosed in Annexure - I. Annual report of the extension and outreach activities have Annual report on outreach and extension activities shall be prepared been prepared and enclosed in Annexure - II. Resolution: The Governing Body ratified and approved the action taken report. 2. Items for Consideration and Approval Consideration and approval of reduction of intake in B.Tech - ECE, IT, CSE (Data 2.1 Science), M.Tech - CAD / CAM from academic year 2024 - 25. It is proposed to reduce the intake in the following B.Tech Program / Courses from academic year 2024 - 25. The below Table 1 shows the current and proposed intake. S.No Program Current intake Proposed intake **B.TECH** Information Technology 180 120 2 CSE (Data Science) 180 60 3 CSE (Cyber Security) 180 (All 180 seats are Merged into CSE) Electronics and Communication Engineering 240 120 M.TECH Aerospace Engineering 5 12 6 6 Structural Engineering 12 6 7 CAD/CAM 0 Table 1: Current and Proposed intake 2024 - 25 Resolution: The Governing Body accorded the permission and approved the same. Consideration and approval of increase in intake in existing B.Tech (Computer Science 2.2 and Engineering) after merging. It is proposed to increase the intake in B.Tech - Computer Science and Engineering (CSE) from 420 to 900 by merging the seats from (ECE, IT, CSE (DS), CSE (CS)), from academic year 2024-25. The table 2 shows the current and proposed intake.

S.No	Program	Current intake	Proposed intake
1	B.Tech - Computer Science and Engineering (CSE)	420	900

Table 2: Current and Proposed intake 2024 - 25

Resolution: The Governing Body accorded the permission and approved the same.

2.3 Consideration and approval of faculty requirement for the academic year 2024 - 25

The faculty requirement for the academic year 2024-25 is presented by considering the increase in intake. The faculty student ratio considered for the calculation of faculty requirement is 1:20 (B.Tech/MBA) and 1:15 (M.Tech) as per the norms of the JNT University Hyderabad and AICTE, New Delhi.

The table 3 shows the details of the faculty requirement, and department wise, is presented to the board.

Department		Studen	t intake	(Year	wise)		Faculty required				
		UG (1:20)		PG ((1:15)	Sanctioned	Additional posts	Total		
	I	II	III	IV	I	II	(2023-24)	(2024-25)	(2024-25		
Aeronautical	60	60	60	120	6	12	18	0	15		
CSE	900*	420	240	240	6	6	39	9	48		
CSE (AI&ML)	240	240	180	180	(40)	7=1	21	9	30		
CSE (DS)	60*	180	180	180	•	-	21	6	27		
CSE (CS)	0*	180	120	60			12	6	18		
IT	120*	180	120	120	•	-	18	3	21		
CSIT	Ē	-	120	60		-	12	0	9		
ECE	120*	240	240	240	6	6	39	0	39		
EEE	30	30	60	60	6	6	12	0	11		
MECH	30	30	30	60	0*	6	11	0	8		
CIVIL	30	30	30	60	6	12	11	0	9		
MBA	•	•	•	-	60	60	6	0	6		
Mathematics		55 2 .	-	-	•	-	10	1	11		
Physics							10	1	11		
Chemistry							10	1	11		
English	1590						10	1	11		
Others CSE/IT	1390						10	1	11		
Others EEE/ECE							10	1	11		
Others ME/CE							10	1	11		
Others MNGT/ H&S							10	1	11		
Total							300	44	327		

Table 3: Faculty statistics 2024 - 25

Resolution: The board accorded permission to recruit faculty as per the norms of statutory bodies in order to maintain better faculty student ratio.

2.4 Consideration and approval of Income - Expenditure statement for the financial year 2023 - 24

The budget utilization and audited statement for the financial year 2023-24 is provided for the perusal. The Table 4 shows the income – expenditure statement for the financial year 2024 – 24.

	Expenditure	Amount		Income	Amount	Amount
		Rs			Rs	Rs
To	Admin Expenses	2984943	Ву	Tution Fee 2023- 24		55435200
То	Advertisement	4118171	Ву	Admission Fee		3390650
То	AICTE Fee	1585880	Ву	Alumni		184270
To	Audit Fee	654000	Ву	Bank Interest		97893
То	Awareness Pro on Innovation	850498	Ву	Bus Fee - Students & Staff		3074199
То	Bank Charges	248185	Ву	Consultancy Income		217476
То	Bus Hire Charges	30687985	Ву	Exam Fee		2176491
To	College Maintenance	3110887	Ву	Interest on FD		57170
То	Consultancy expenses	1939856	Ву	AICITE Grants		151300
То	Contribution ESI	386712	Ву	NBA Fee		1151400
То	Contribution Provident Fund	1265804	Ву	Tuck Shop		311742
To	conveyance expenses	1156425	Ву	Other Income		953265
Го	Depreciation	78254586				
Го	Donations	600000		_		
Го	Electricity Charges	8579401				
Го	Entrepreneurship Development Programs	1505100				
Го	Exam Branch Expenses	5423886				
Го	Examination Expenses	11542109				
Го	Functions & Celebrations	4594340				
Го	Games & Sports	1226252				
Го	Gardening Expenses	1069870				
Го	Generator Maintenance Expenses	2085129				
О	General Expenditure	305800				
Го	Implementation of Patent Rights (IPR)	2021500				
ĵo .	Implementation of E Governance & E Content	2595386				
o	Insurance					
	- Property	99000				
	- Students	667645				
	- Staff	1434507				
	- Vehicles	1028558				
o	Interest on Secured Loans	13313885				

To	Interest on Late Payment of TDS	3327		
To	Internet Expenses	2468700		
То	ISO Certification Charges	137000		
To	JNTUH Regn & Common Services Fee	15025357		
To	Journals & Periodicals	3260496		
To	Lab Maintenance & Consumables	3873986		
To	Library Recurring Expenses	1398125		
To	Miscellaneous Expenses	344016		
To	NAAC Expenses	987038		
To	NBA Accreditation	620564		
To	NSS Expenses	148910		
To	Postage & Courier Expenses	131010		
To	Printing & Stationery	3766870		
To	Processing Charges	560618		
То	Professional Memberships	201500		
То	Project Expenses	1154156		
To	Property Tax	845612		
То	Reg, Licenses, Subscription Etc Expences	875945		
То	Record Books / Laboratory Work Sheets	1618800		
To	Repairs & Maintenance	0		
	- Computer	539202		
	- Building	9799540		
	- Electrical	5686616		
	- Furniture	260800		
	- Vehicle	1119624		_
То	Research & Development	2463741		
To	Salaries	362322656		
То	Scholarship & Merit Awards	1512000		
То	Science & Technology Startup Park	1579259		
То	Security Services	2249788		
То	Seminars/ Conferences/ Work Shops	5336342		

	П	Staff Welfare &					
	To	Medical Aid	3176596				
	То	Syllabus books & Teaching aids	1016400				
	То	Technology Innovation Product development and Incubation	2316293				
	To Telephone & Cell Phone Charges 134522						
	To	Training & Placement Expenses					
	То	Training Program For Staff	2902600				
	To	Transport Charges	1261166				
	То	Travelling Charges	1954266				
	To	TSCHE Fee	672000				
	To	Excess of Income over Expenditure	37271248				
			672010593				672010593
	Resol financ	ution: The Governing lead year 2023-24.	Body approv	ed the income	– expendit	ure statemen	t for the
2.5		deration and approvening Body	al of inclu	sion of coor	dinator I(QAC as me	mber in the
	The E	x-officio member prese	nted to the C	overning Bod	y to consid	ler, Dr. Y Par	ndu Rangaiah,
		inator of IQAC as mem					
		ution: The Governing l		12			
2.6	schem	deration and approva ne – Teachers Associat	eship for Re	search Excell	lence (TAI	RE)	3 6
	Dr. K Rajendra Prasad, Professor of CSE department has received research project, under Anusandhan National Research Foundation (ANRF) and the grant is under Science and Engineering Research Board (SERB) scheme – Teachers Associateship for Research Excellence (TARE) at a total cost of Rs. 18,30,000/. Title of project is "Development of a Multiview Learning Model for Visualizing Suspicious Behaviors in Public Sector Video Surveillance", No. TAR / 2023 / 000140. As per the Science and Engineering Research Board (SERB) norms the parent institute is required to submit a surely bond on Non-Judicial stamp paper of Rs.100 and sign in original. Collaboration with Institute of Aeronautical Engineering, Hyderabad, and Indian Institute of Technology Hyderabad. The sanctioned letter is enclosed in Annexure – III. Resolution: The Governing Body accorded the permission to issue surely bond as per the					Science and for Research elopment of a Sector Video ent institute is gn in original.	
3. Ite		s of SERB. Ratification					
3.1	elockers to the company	Per tile principal description in the control of	of previous s	cademic com	ncil meetir	108	
	Resolu	Resolution: The board ratified the minutes of academic council meetings held since last governing body meeting. The minutes of academic council meetings minutes are enclosed in Annexure - IV.					

3.2 Ratification of the minutes of finance committee meeting

Resolution: The board ratified the minutes of finance committee meetings held during the financial year 2023-24. The finance committee meeting minutes are enclosed in **Annexure - V**.

3.3 Ratification of incentives for research publications

Institute has sanctioned incentives of Rs. 60,75,210 to the faculty since the last governing body. It is requested to review the research policy and approve the incentive amount paid to the faculty and also seeking the approval for the sanction of incentive amount for the remaining months.

The Table 5 shows brief abstract of the faculty incentives paid since last meeting and Research / IPR accomplishments by the institute.

S.No	Month /	(500)437 1103)		Month / (Scopus / WoS) IPRs		OS) IPRs T		MOOCs / PhD /	Incentive
0.110	Year	Journals	Conferences	22.215	Books	ELRV	Amount (₹		
1	July, 2023	8,30,000	1,90,000	4,50,000	40,000	-	15,10,000		
2	August, 2023	9,80,000	1,91,690	1,80,000	35,000	-	13,86,690		
3	Sept, 2023	8,65,000	1,58,000	4,30,000	40,000	4,000	14,97,000		
4	Oct, 2023	7,33,000	4,00,000	5,08,520	25,000	15,000	16,81,520		
	·				Total ar	nount paid	60,75,210		

Table 5: Incentive amount paid to the faculty

Resolution: The board noted and appraised the management for the practice of providing the incentives to the faculty, which helps in achieving the better grades in ranking systems.

4. Items for Information

4.1 Note on Declaration of NAAC results

Institute was asked to provide the proposed dates for NAAC peer team visit. The following dates were submitted to NAAC office.

- 05 to 06 December, 2023
- 21 to 22 December, 2023
- 08 to 09 January, 2024

The NAAC Peer Team visited the institute during 21-22 December, 2023 and conducted a detailed evaluation of the institute and its facilities on 7-point criteria.

The peer team consisted of three eminent persons -

- Dr. Sharad Mhaiskar, Pro-Vice Chancellor, NMIMS University, Mumbai as the Chairperson;
- Dr. Bhuvan Parekh, Former Dean, MS University of Baroda, Vadodara as the Member Co-ordinator; and
- Dr. C Nadamuni Reddy, Principal, AITS, Tirupati, as the Member.

The institute has been Accredited with a CGPA of 3.62 on a 4 point scale at A++ Grade, valid for a period of 5 years from 29 December, 2023 to 28 December, 2028.

Resolution: The board noted and appraised the Management, Principal and stakeholders for achieving NAAC A++ grade. The certificate and Grade sheets are enclosed in **Annexure - VI**.

4.2 Note on National Board of Accreditation (Tier - I) B.Tech and M.Tech programs

An NBA expert team conducted onsite evaluation for the program from 06 - 08 October, 2023, the competent authority in NBA has approved the following accreditation status to the programs. The Table 6 shows the accreditation status of B.Tech – IT under (Tier – I) given below.

S.No	Program	Level	Date of visit	Accreditation period
1	B.Tech - Information Technology (IT)	UG	6th to 8th Oct, 2023	3 Years From A.Y: 2023-24 to 2025-26, i.e., upto 30/06/2026

Table 6: NBA Accreditation status of IT

The competent authority in NBA recommended the accreditation status for the following programs during the appellate committee. The Table 6 shows the accreditation status of B. Tech – ME & M. Tech (AE) under (Tier – I) given below.

S.No	Program	Level	Date of visit	Accreditation period
1	B.Tech - Mechanical Engineering (ME)	UG	6 th to 8 th Oct, 2023	3 Years From A.Y: 2022-23 to 2024-25, i.e., upto 30/06/2025
2	M.Tech - Aerospace Engineering (AE)	PG	6th to 8th Oct, 2023	3 Years From A.Y: 2023-24 to 2025-26, i.e., upto 30/06/2026

Table 7: NBA Accreditation status of B.Tech (ME) & M.Tech (AE)

Resolution: The board noted and appraised the Management, Principal and stakeholders for achieving the TIER – I accreditations.

The accreditation letters are enclosed in Annexure - VII.

4.3 Note on cut-in and cut-off ranks in TGEAPCET 2023

The student's admissions through TSEAMCET2023 into B.Tech programs were analyzed based on the students ranks. The students qualified in TSEAMCET 2023 is 1,56,879. The Table 8 shows the quality of admissions for the academic year 2023-24.

S No	Program Name	Cut-in	Cut-off	Quality of admissions (%)
1	Computer Science and Engineering (CSE)	7424	15627	9.81
2	CSE (Artificial Intelligence & Machine Learning)	12808	16997	10.83
3	CSE (Data Science)	14170	19847	12.65
4	CSE (Cyber Security)	14191	25857	16.48
5	Information Technology	16006	27146	17.86
6	Electronics and Communication Engineering	20358	33011	21.04
7	Aeronautical Engineering	9218	34075	21.72
8	Electrical and Electronics Engineering	35962	62300	39.71
9	Mechanical Engineering	43749	94896	60.49
10	Civil Engineering	52161	131126	83.58

Table 8: Quality of Admission

Resolution: The board noted and appraised the same.

4.4 Note on admission statistics for academic year 2023 – 24

The list of UG students who were admitted in the institute during the academic year 2023-24 was prepared based on the student details, branch wise including gender ratio. Overall seats filled is: 97.4% and students admitted through PMSSS is zero. The Table 9 shows students admission statistics for the academic year 2023 - 24.

		Gener	al quota	EWS	6 quota	Total	Mala	Female
S.No	Program	Intake	Admitted	Intake	Admitted	Admitted	Male	Femal
		F	з.тесн				14.	
1	Computer Science and Engineering	420	419	29	28	447	288	159
2	CSE (AI&ML)	240	240	17	16	256	162	94
3	CSE (Data Science)	180	180	13	11	191	105	86
4	CSE (Cyber Security)	180	179	12	11	190	116	74
5	Information Technology	180	179	12	12	191	119	72
6	Electronics and Communication Engineering	240	239	17	17	256	164	92
7	Electrical and Electronics Engineering	30	28	2	1	29	18	11
8	Aeronautical Engineering	60	60	5	5	65	38	27
9	Mechanical Engineering	30	26	2	2	28	25	3
10	Civil Engineering	30	13	2	0	13	11	2
		N	1.ТЕСН					
1	Aerospace Engineering	12	10	-	-	10	6	4
2	Computer Science and Engineering	6	4	-	-	4	2	2
3	Embedded Systems	6	4	-	-	4	1	3
4	Electrical Power Systems	6	2	-		2	1	1
5	CAD/CAM	6	2	•	•	2	2	0
6	Structural Engineering	12	9	-	-	9	4	5
			MBA					
1	Masters of Business Administration	60	60	4	4	64	32	32
То	tal	1698	1654	115	107	1761	1094	667

Table 9. Students admission statistics for the academic year 2023 - 24.

Resolution: The board noted the same.

4.5 Information on Re-constitution / extension of tenure for the members of Academic Council

The tenure of the existing university nominees has been expired on 26 July, 2023. The Registrar of the University through Lr. No. D1/960/2023, dated: 13.10.2023 nominated the new academic council members.

S.No	Name of the University nominee	Designation / Address
I	Dr. K Vijaya Kumar Reddy	Senior Professor of Mechanical Engineering & Rector, JNTUH University College of Engineering, Science & Technology Hyderabad
2	Dr. A Raghu Ram	Professor & Chairperson of Board of Studies Electrical & Electronics Engineering JNTUH University College of Engineering, Science & Technology Hyderabad
3	Dr. T Satya Savithri	Professor of Electronics & Communication Engineering, JNTUH University College of Engineering, Science & Technology Hyderabad

The proposal for extension of tenure for three years of the existing members as academic council members:

S No	Name of the member	Designation / Address	
1 Dr. V Kamakshi Prasad		Professor of Computer Science and Engineering, Jawaharlal Nehru Technological University Hyderabad, Hyderabad	
2 Dr. B Dean Kumar		Professor of Civil Engineering Jawaharlal Nehru Technological University Hyderabad, Hyderabad	

The proposal for a new member in place of the existing member (Industrial expert):

S.No	Name of the existing Industry expert	Name of the proposed Industry expert
1	Mr. C Praveen Reddy CEO and Managing Director Automotive Robotics Engineering Services India Private Limited, Secunderabad	Mr. Satyanarayana Vaddi Managing Partner & CEO of FinAnomics Capital, Hyderabad

Resolution: The board noted the same.

The details are enclosed in Annexure - VIII.

4.6 Information on Re-constitution / extension of tenure for the member of Governing Body

The tenure of the existing university nominee has been expired on 26 July, 2023. The Registrar of the University through Lr. No. D1/960/2023, dated: 13.10.2023 nominated the panel.

S No	Name of the University nominee	Designation / Department
1	Dr. G V Narsimha Reddy	Professor of Civil Engineering, JNTUH University College of Engineering, Science & Technology Hyderabad

Resolution: The board noted the same.

The details are enclosed in Annexure - IX.

4.7 Note on Institute's Innovation Council (IIC) - Regional meet

IARE identified for a national event - regional meet of Innovation Council, Govt of India and hosted on 11, December 2023. It was a one-day- long event for existing and prospective IIC institutions to participate in the vibrant innovation movement created in educational institutions in India and get oriented with various policy initiatives of MoE and AICTE for the development of innovation culture in academic institutions.

IIC regional meet served as a networking platform for educational institutions to network,

showcase their innovation achievements, share their best practices, exchange knowledge, and transfer ideas towards better innovation and startup ecosystem development in HEIs. Around 650 - 700 participants and 2000 exhibitors attended the event along with Ministry of Education members.

Resolution: The board noted the appreciated progress of innovation centre.

The detailed are enclosed in Annexure - X.

4.8 Note on International Organization for Standardization (ISO) certifications

ISO 21001:2018 internal auditor training is conducted in the institute to enhance satisfaction of learners, other customers, and personnel through the effective application of its Educational Organizations Management System (EOMS), including processes for improvement of the system. 34 faculty of the institute attended the training on 13th and 14th December, 2023.

Resolution: The board noted the same.

4.9 Any other item with the permission of the chair

Suggestions made by Governing Body members are:

1. Steps for improvement of NIRF ranking - Metric wise analysis through equations.

2. Enhance more research activities in the institute, members suggested to provide seed money grant.

3. Members suggested to involve alumni ambassadors in the institutional activities.

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

S No	Members	Portfolio	Signature
1	Sri. M Rajasekhar Reddy	Chairperson	Mu
2	Dr. Ramji Manoharan	UGC Nominee	M. M
3	Prof. K Venkatachalam	State Govt. Nominee	Thum
4	Dr. G Venkata Narasimha Reddy	University Nominee	M
5	Prof. P B Sharma	Educationist	Bone
6	Dr. N V Ramana Rao	Educationist	N.V.
7	Dr. A Damodaram	Educationist	Au
8	Sri. Ch Sathi Reddy	Management	bereit
9	Sri. B Rajeshwar Rao	Management	056
10	Smt. M Mamatha Reddy	Society Nominee	M Mit Redby
11	Sri. Ch Jayasimha Reddy	Society Nominee	a Jayous rock
12	Dr. Y Pandu Rangaiah	Faculty	
13	Dr. V V S Haranadh Prasad	Faculty	bonned
14	Dr. L V Narasimha Prasad	Ex-Officio	Luspanad

Date: 06 April, 2024

PRINCIPAL