



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad – 500 043

MINUTES OF ELEVENTH MEETING OF THE GOVERNING BODY HELD ON 14 NOVEMBER, 2021

The Eleventh Meeting of the Governing Body was held at 11:30 AM on 14 November, 2021 (Sunday) in the Sahana Board Room, Bharadwaja Block.

The following members were present:

S No	MEMBERS	PORTFOLIO	DESIGNATION
1	Sri. M Rajasekhara Reddy	Chairperson	Chairman Institute of Aeronautical Engineering Hyderabad
2	Prof. A Damodaram	UGC Nominee	Professor of CSE and 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. R Markandeya	University Nominee	Professor of Metallurgical Engineering and Principal, JNTU College of Engineering, Manthani
5	Dr. N V Ramana Rao	Educationist	Director National Institute of Technology Warangal, Warangal
6	Dr. N Yadaiah	Educationist	Professor of EEE Department JNTU College of Engineering, Hyderabad
7	Sri. Ch Sathi Reddy	Management	Secretary and Correspondent Institute of Aeronautical Engineering Hyderabad
8	Sri. B Rajeshwar Rao	Management	Treasurer and Executive Director Institute of Aeronautical Engineering Hyderabad
9	Smt. M Mamatha Reddy	Society Nominee	1 st Vice President Maruthi Educational Society, Hyderabad
10	Sri. Ch Jayasimha Reddy	Society Nominee	1 st Joint Secretary Maruthi Educational Society, Hyderabad
11	Dr. P Sridhar	Faculty	Professor of EEE Department Institute of Aeronautical Engineering Hyderabad
12	Dr. V V S Haranadh Prasad	Faculty	Professor of ME Department Institute of Aeronautical Engineering Hyderabad
13	Dr. L V Narasimha Prasad	Ex-Officio	Principal Institute of Aeronautical Engineering Hyderabad

Mr. M Rajasekhara Reddy, Chairman of the institute cordially welcomed all the members of the Governing Body.

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

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

RESOLUTIONS

1.0 Confirmation of Minutes and Action Taken

1.1 Confirmation of the minutes of Tenth Governing Body Meeting

Members approved the minutes of the 10th Governing Body meeting held on 26 April, 2021.

1.2 Follow-up action and action taken report on the minutes of the 10th Governing Body meeting

Principal apprised the members about the 10th meeting of the Governing Body and presented the action taken in accordance with the resolutions / suggestions made regarding.

Item No.	Item Description	Action Taken																					
2.1	Consideration and approval for modifications in composition of Academic Council.	The academic council has been reconstituted with the Heads of the departments of new branches, CSE (AIML), CSE (DS), CSE (CS) and CSIT.																					
2.2	Requesting to accord permission to recruit the faculty in order to maintain better Faculty - Student ratio 1:15 from Academic Year: 2021 - 2022.	Recruited 71 faculty in various departments to maintain better Faculty - Student Ratio 1:15 from the Academic Year: 2021 - 2022.																					
2.5	Consider and approve the proposal for introduction of new courses in B.Tech program as per AICTE / JNTUH perspective plan in emerging disciplines.	Based on the approval of Governing Body, institute got permission for increase in intake in B.Tech – CSE (AIML) and B.Tech - CSE (DS) from AICTE / JNTUH from the Academic Year 2021-2022.																					
2.6	Consideration and approval of reduction of intake in B.Tech (Aeronautical, Civil and Electrical & Electronics Engineering) from Academic Year: 2021 - 2022.	<p>After deliberate discussions, the board accepted to reduce the intake in traditional courses as below.</p> <table border="1"> <thead> <tr> <th>Program / Course</th><th>Current Intake</th><th>Intake permitted in GB</th></tr> </thead> <tbody> <tr> <td>B.Tech - Aeronautical Engineering</td><td>120</td><td>60</td></tr> <tr> <td>B.Tech - Electrical & Electronics Engineering</td><td>60</td><td>30</td></tr> <tr> <td>B.Tech - Civil Engineering</td><td>60</td><td>00</td></tr> </tbody> </table> <p>The University authorities have decided to consider the course closure request of the colleges, if admissions in the existing course applied for closure is less than 30% during the last two consecutive years. Further, colleges were asked to maintain at least one division i.e., intake of 60 seats in respect of traditional courses for which the closure was sought.</p> <p>Based on the recommendations of the University, the current intake in the above listed courses remained unchanged.</p> <p>The intake retained is as follows:</p> <table border="1"> <thead> <tr> <th>Program / Course</th><th>Proposed intake</th><th>Retained intake</th></tr> </thead> <tbody> <tr> <td>B.Tech - Aeronautical Engineering</td><td>60</td><td>120</td></tr> <tr> <td>B.Tech - Electrical & Electronics Engineering</td><td>30</td><td>60</td></tr> </tbody> </table>	Program / Course	Current Intake	Intake permitted in GB	B.Tech - Aeronautical Engineering	120	60	B.Tech - Electrical & Electronics Engineering	60	30	B.Tech - Civil Engineering	60	00	Program / Course	Proposed intake	Retained intake	B.Tech - Aeronautical Engineering	60	120	B.Tech - Electrical & Electronics Engineering	30	60
Program / Course	Current Intake	Intake permitted in GB																					
B.Tech - Aeronautical Engineering	120	60																					
B.Tech - Electrical & Electronics Engineering	60	30																					
B.Tech - Civil Engineering	60	00																					
Program / Course	Proposed intake	Retained intake																					
B.Tech - Aeronautical Engineering	60	120																					
B.Tech - Electrical & Electronics Engineering	30	60																					

		Engineering		
		B.Tech - Civil Engineering	00	60
Any other item with the permission of the Chair / Suggestions made by the members				
	Measures should be taken to increase the faculty retention rate	<p>The following mechanisms have been incorporated to enhance the faculty retention rate.</p> <ol style="list-style-type: none"> 1. Faculty Appraisal System 2. Effective HR policies 3. Motivation through research incentives 4. Training and development strategies 5. Sponsorship for Higher Education 6. Career growth, Financial assistance to Ph.D. pursuing and supervisors 7. Professional Development Allowances 8. Challenging work environment 9. Faculty exchange programs 10. Promptly resolves work issues, work load 11. Effective feedback and suggestions system 12. Sponsoring to FDPs / Conferences etc. 		
	It has been suggested to take necessary steps to improve the levels of Perception, one of the ranking parameters to evaluate rankings and metrics in NIRF, in order to achieve better ranking	<p>The following mechanisms are adopted by the institute to improve the perception level.</p> <ol style="list-style-type: none"> 1. Established a separate department, Brand Building Entrepreneur Leadership (BBE) for effective communication and will concentrate on communicating to the public about the institution, professors, alumni about the achievements, work, and the impact we have had. Use communication methodologies like mail, social media, print, digital media for the same. 2. Created a strong digital presence by having an updated website, a strong social media platform, and a stronger set of followers. Start building the trust by producing share-worthy content by keeping the prospective and current students in mind. 3. Strengthening the campaigning efforts to alter perception which improve admissions at the same time improve rankings, built loyalty. 		
	A document of rules and regulations to encourage student internships abroad has to be framed along with the budget details.	The student internship policy has been prepared along with the budget and verified by Dean - International Affairs.		

Resolution: The Governing Body ratified and approved the Action Taken Report.

2.0 Items for Consideration and Approval

2.1 Extension of Autonomous Status

The University Grants Commission (UGC) has awarded Autonomous Status under UGC autonomous colleges scheme, to the institute for a period of six years starting from Academic year 2016 - 2017 to 2021 - 2022.

Autonomous status from UGC received on 13 October, 2015 for the academic years 2016 - 2017 to 2021-2022 is going to expire by the end of this academic year. It is proposed to submit the application for the extension of autonomous status as per the procedure by 25 November, 2021.

The Principal requested the board to accord permission for submission of application for the extension of autonomous status to the affiliating, Jawaharlal Nehru Technological University Hyderabad as per UGC guidelines.

The following documents have to be submitted to the University to process the application for extension of autonomous status.

1. Proforma of Application for Extension of Autonomous Status as per the UGC guidelines
2. Filled in Autonomous proposal format, as per the University guidelines.
3. Affidavit for Undertaking on Rs.100/- non judicial stamp paper by the college management requesting University for forwarding UGC autonomous application.
4. Demand Draft of Rs. 2,00,000/- towards the processing fee in favor of the Registrar, JNTUH.

Resolution: The board accepted and permitted to submit the application for extension of autonomous status as per the guidelines of UGC / JNTUH.

2.2 Re constitution / extension of tenure for the members of Academic Council

The Ex-Officio elaborated that the tenure of the existing University nominees as members of the Academic Council has expired on 18 July, 2021. The institute requested the University for new panel nominees for the Academic Council (AC) in the place of existing nominees.

The Registrar of the University through Lr. No. D1/960/2021, dated: 27 July, 2021 nominated the panel. The list of the University nominees is enclosed in **Annexure - I**.

S N	Name	Designation
University Nominees:		
1	Dr. B Dean Kumar	Professor of Civil Engineering J N T University College of Engineering Hyderabad, Hyderabad
2	Dr. G K Viswanadh	Professor of Civil Engineering, J N T University College of Engineering Hyderabad, Hyderabad
3	Dr. AVSSKS Gupta	Professor of Mechanical Engineering, J N T University College of Engineering Hyderabad, Hyderabad
Proposed to extend the tenure of the members by another three years:		
1	Dr. V Kamakshi Prasad	Professor of Computer Science and Engineering J N T University Hyderabad
2	Dr. M Anji Reddy	Professor of Centre of Environment J N T University Hyderabad, Hyderabad
3	Dr. P Gowri Sankara Rao	Former Director, Department of Chemicals & Petrochemicals Shastri Bhawan, New Delhi
4	Mr. C Praveen Reddy	CEO and Managing Director, Automotive Robotics Engineering Services (India) Pvt. Ltd., Secunderabad
New members proposed by the Institute:		
1	Dr. B Padmaja	Associate Professor and Head, Computer Science and Engineering (Artificial Intelligence and Machine Learning)
2	Dr. P Govardhan	Associate Professor and Head, Computer Science and Engineering (Data Science)
3	Dr. R Obul Konda Reddy	Associate Professor and Head, Computer Science and Engineering (Cyber Security)
4	Dr. V Anand Reddy	Professor and Head, Civil Engineering
5	Dr. G Sucharitha	Associate Professor, Computer Science and Engineering

6	Dr. BJD Kalyani	Associate Professor, Computer Science and Engineering
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Resolution: The Governing Body noted and accepted the reconstitution of Academic Council.

2.3 Re constitution / extension of tenure for the members of Board of Studies

The Board of Studies of all the departments has been reconstituted as the tenure of the existing board was expired on 18 July, 2021. The institute requested the University for the nominees. Upon receiving the nominees from the University, the department wise Board of Studies was reconstituted. The details of the University nominees, department wise are as follows:

S No	Name	Designation / Address
Department of Aeronautical Engineering - B.Tech / M.Tech		
1	Dr. M Indira Rani	Professor of ME Department, JNTUH CEH
Department of Computer Science and Engineering - B.Tech / M.Tech		
2	Dr. V Kamakshi Prasad	Professor of CSE Dept., JNTUH CEH
Department of Information Technology - B.Tech / M.Tech		
3	Dr. M Arathi	Associate Professor of CSE Dept., SIT, JNTUH
Department of Computer Science and Engineering (AI & ML) - B.Tech / M.Tech		
4	Dr. K P Supreethi	Professor of CSE Dept., JNTUH CEH
Department of Computer Science and Engineering (Data Science) - B.Tech / M.Tech		
5	Dr. K P Supreethi	Professor of CSE Dept., JNTUH CEH
Department of Computer Science and Engineering (Cyber Security) - B.Tech / M.Tech		
6	Dr. K P Supreethi	Professor of CSE Dept., JNTUH CEH
Department of Computer Science and Information Technology - B.Tech / M.Tech		
7	Dr. K P Supreethi	Professor of CSE Dept., JNTUH CEH
Department of Electronics and Communication Engineering - B.Tech / M.Tech		
8	Dr. D Srinivasa Rao	Professor of ECE Dept., JNTUH CEH
Department of Electrical and Electronics Engineering - B.Tech / M.Tech		
9	Dr. K H Phanisree	Associate Professor of EEE Dept., JNTUH CEH
Department of Civil Engineering - B.Tech / M.Tech		
10	Dr. G K Viswanadh	Professor of Civil Engineering, JNTH CEH, Hyderabad
Department of Mechanical Engineering - B.Tech / M.Tech		
11	Dr. M Indira Rani	Professor of ME Department, JNTUH CEH
Department of MBA		
12	Dr. Sindhu	Professor of Management, SMS, JNTUH
Department of Physics - B.Tech / M.Tech		

13	Dr. S Venkateswara Rao	Professor of Physics, JNTUH CEH
Department of Mathematics - B.Tech / M.Tech		
14	Dr. V Srinivasa Kumar	Assistant Professor of Chemistry, JNTUH CEH
Department of Chemistry - B.Tech / M.Tech		
15	Dr. A Jaya Shree	Assistant Professor of Chemistry, JNTUH CEJ
Department of English - B.Tech / M.Tech		
16	Dr. V Parvathi	Professor of English, JNTUH CEH

Resolution: The Governing Body noted and accepted the reconstitution of Board of Studies. The list of the University nominees is enclosed in **Annexure - II**.

2.4 Financial assistance to research supervisors accepting guideship.

Fresh guidelines for entitlement under Professional Development Allowance (PDA) have been prepared after detailed discussion with all the eminent members of the Governing Body and suggested the guidelines and which have been subsequently approved by the Governing Council. The PDA expenses shall be met from college funding.

Guidelines for implementation of PDA:

Supervisors are responsible for fostering the intellectual and scholarly development of their scholars. They also play an important role in providing advice about professional development and both academic and non-academic career opportunities, as they are able, and based upon the scholar's career interests.

As a part of implementation of the recommendations, every supervisor of the institute is entitled for PDA of Rs. 50,000/- for a block period of 3 years for full time scholars of institute and 4 years for Part-time scholars of the institute on reimbursable basis for guiding the faculty of the institute pursuing Ph.D. in other Universities / Institutes. After successful completion of the Ph.D by his/her scholar, he/she will be eligible for an incentive of Rs.10,000/-. The block period shall be noted from the date of enrollment of the Ph.D Program.

The list of the items / activities and the guidelines for incurring expenditure under PDA are given below:

1. Attending national / international conferences / technical discussions / faculty development programs / visit to technical exhibitions at institutes ranked top 200 by NIRF.
2. Presenting papers / posters in national / international conferences / symposia / seminars
3. Journal additional page charges
4. Membership of professional societies at national / international level.
5. Purchase of components / knowledge learning resources, books, magazines, videos, teaching aids, subscription of journals etc.
6. Preparation / development / writing of knowledge resources (books, patents etc.)
7. Purchase of computer, other computer peripherals, software etc.
8. Testing / lab charges / benchmarking / prototyping / hardware and so on.

Resolution: The Governing Body resolved to approve the proposal of PDA, financial support to the faculty guiding research scholars. The body felt that this instigation will inculcate the research attitude among the faculty and pursue higher education which will helpful for furtherance of knowledge.

2.5 Financial assistance in payment of tuition fee paid by the faculty pursuing Ph.D.

The Principal presented to provide a scholarship amount to the faculty of institute, registered and

pursuing Ph.D. in other Universities / Institutes under the supervision of the Institute faculty during their course of study for a stipulated period as below.

S No	Tuition Fee reimbursable / year	Mode of Study	Type of the University / Institute in which Ph.D is pursuing	Eligible Period
1	Full fee	Part-time	Central / State Government	03 years
2	50% fee	Part-time	Other than Govt. Institutes	04 years
3	Academic Leave	Full Time	Central / State Government	06 months

The supervisors of the scholars are expected to monitor the progress and quality of their research closely so that premier quality research outcome can be achieved by the work of the scholar.

Guidelines / Procedure for Monitoring the Progress:

- The research scholars must meet the institute's requirements for monitoring the progress of their research work.
- They will follow all the rules and processes of Ph.D program in letter and spirit.
- The scholarship tenure / period shall be noted from the date of enrollment of the Ph.D Program.
- In the duration of institute's scholarship, the scholar is expected to publish at least one research paper in a peer-reviewed journal, which is indexed in Scopus per year.

Resolution: The Governing Body is resolved to approve the proposal of providing financial support to the institute faculty pursuing Ph.D. The body felt that this instigation will inculcate the research attitude among the faculty and pursue higher education.

2.6 Faculty registered their Ph.D. in other Universities / Institutes under the supervision of IARE faculty.

The Principal presented the list of eligible supervisors for research guideship's to the faculty pursuing Ph.D. in other Institutes / Universities. The details of the supervisors and research scholars are as below:

S N	Name of the Supervisor	Dept.	University	Research scholar
1	Dr. L V Narasimha Prasad	CSE	Koneru Lakshmaiah Education Foundation, Vijayawada	Ms. L Babitha Assistant Professor ECE Dept.
2	Dr. D Shobha Rani	EEE	Koneru Lakshmaiah Education Foundation, Vijayawada	Ms. Shaik Ruksana Begam Assistant Professor EEE Dept.
3	Dr. P Ashok Babu	ECE	Koneru Lakshmaiah Education Foundation, Vijayawada	Ms. KC Koteswaramma Assistant Professor ECE Dept.
4	Dr. M Madhubala	CSE	Koneru Lakshmaiah Education Foundation, Vijayawada	Ms. CH Sri Vidya Assistant Professor CSE Dept.
5	Dr. V Anand Reddy	CE	Koneru Lakshmaiah Education Foundation, Vijayawada	Ms. P Shruthilaya Assistant Professor CE Dept.

The Institute is establishing research collaboration with other Universities / Institute for active research guideship. Institute has started liaising with Vel Tech, GITAM, Satyabhama, Alliance Universities etc.

Resolution: The members appreciated and noted the research supervisors and scholars' details. The board suggested to identify the institutes ranked top 200 in NIRF.

2.7 Consideration and approval of ECE / EEE faculty in B.Tech - CSE department

As per the guidelines of the affiliating University, the affiliating colleges are permitted to engage faculty with specialization in interdisciplinary branches not exceeding 10% of the total faculty strength in the discipline concerned vide ref. Cir. No. UAAC / Faculty / Eligibility / 2021, dated: 27-07-2021.

Few faculty members from ECE / EEE have completed two NPTEL MOOC courses offered by the department of Computer Science and Engineering of various IITs and other prestigious institutes. As per the guidelines of JNTUH, the faculty of ECE / EEE with M.Tech / Ph.D with two NPTEL Courses in CSE are eligible for consideration of SCM in B.Tech - CSE against 10% of faculty positions.

The details of the faculty completed the AICTE Swayam / NPTEL MOOC courses, department and subject wise are enclosed in **Annexure – III**.

Resolution: The board noted the details and suggested to follow the guidelines of the University. The board permitted to shift these faculty to B.Tech - CSE and recruit additional faculty in their parent department in place of these faculty as per the rules of statutory bodies.

2.8 Submission of information to NIRF-2022, ARIIA-2022 ranking by Ministry of Education, Government of India

National Institutional Ranking Framework (NIRF) is a widely appreciated initiative by the Ministry of Education, Government of India to assess and rank India's public and private sector higher education institutions and Universities. The framework outlines a robust methodology and transparent approach to evaluate and rank higher education institutions and universities across the country.

The Principal elaborated the importance of rankings and its impact in the sustainability, admissions, placements and funds from the Govt. organizations. In view of these, the institute would like to showcase the strengths and credentials in International ranking platforms.

The institute starts filling the application of NIRF 2022. The Principal presented the data to the members for their comments.

Resolution The board granted the permission to apply for NIRF-2022 and ARIIA-2022 rankings.

2.9 Apply to JNTUH for Career Advancement Scheme for the faculty

The Principal highlighted the AICTE regulation, 2019 for the maintenance of Standards in Technical Education and subsequent amendments / new regulations issued from time to time on Pay Scales, Service Conditions and Minimum Qualifications for the Appointment of Teachers and essential measures to maintain the better cadre ratio. The University Grants Commission (UGC), MHRD, AICTE and affiliating University, JNTU Hyderabad is curious on better cadre ratio.

In view of these, the ex-officio requested the members to accord permission for the faculty who are eligible for promotions to apply through Career Advancement Scheme (CAS). Further more, sought the permission to constitute a committee with the University nominee for evaluation of applications submitted by the faculty for promotions through CAS - 2018.

Resolution: The board accepted the initiation of implementation of CAS in order to maintain better cadre ratio. Moreover, the board permitted to send the proposals to the affiliating University to constitute an expert evaluation committee with the University nominee.

2.10 Implementation of AICTE's 360 degree feedback and Annual Performance Appraisal Report (APAR) as per the guidelines of AICTE.

AICTE's 360 degrees feedback is a system to judge and enhance the performance of the faculty of all the Institutes. The institute would like to engage this feedback mechanism from this current

academic year to improve the standard of education in the Institute and create an excellent bond among the stakeholders.

Resolution The board to accorded the permission to implement AICTE's 360 degrees feedback and annual performance appraisal report. The guidelines or rules for promotion of faculty under Career Advancement System (CAS) – 2018 and **Annual Performance Appraisal Report (APAR)** are enclosed in **Annexure - IV** is submitted to the board for their perusal.

2.11 Progress during academic year 2020 - 2021 on planning, evaluation and monitoring of the Institute's perspective plan, 2017 - 2022.

The report of the planning, evaluation and monitoring of the Institute's perspective plan, 2017 – 2022 for the academic year 2021-2022. The progress in various KPIs / strategies is enclosed in **Annexure - V**.

The board suggested to apply for AICTE - National Doctoral Fellowship (NDF) to attract full time meritorious research scholars and to promote research culture in the institute in addition to the recognition of research centers by the affiliating, JNT University Hyderabad.

Resolution The board noted and appreciated the progress of the institute in various strategies.

2.12 Requirement of faculty to move towards 1:15 faculty student ratio from the academic year 2022 - 2023.

In order to have Faculty Student ratio as 1:15 and maintain a better Cadre ratio in order to achieve excellence in Technical Education, it is requested the members to accord permission to recruit the faculty as per the norms of the affiliating University and AICTE.

The department wise, details of the sanctioned posts are presented to the board based on the faculty student ratio of 1:15.

In view of these, the ex-officio requested the members to accord permission to recruit the faculty as per the norms of the affiliating University and AICTE.

Department	Student intake		Faculty Required (1: 15)	Faculty Available	Faculty to be recruited
	UG	PG			
AE	360	36	27	22	5
CSE	720	36	51	42	9
CSE (AIML)	240	-	16	7	9
CSE (DS)	240	-	16	5	11
CSE (CS)	120	-	8	5	3
IT	360	-	24	19	5
CSIT	120	-	8	3	5
ECE	720	36	51	48	3
EEE	240	36	19	20	0
ME	240	36	19	21	0
CE	240	36	19	20	0
MBA	-	120	8	8	-
Mathematics	1380		12	12	-
Physics			12	11	1
Chemistry			12	9	3
English			12	9	3
Others CSE /IT			12	3	9
Others EEE / ECE			12	11	2
Others ME / CE			12	10	2
Others MNGT/ H&S			12	6	7
TOTAL	5316		362	291	72

Resolution: The board appreciated and accorded permission to recruit faculty as per the norms of statutory bodies as this initiation helps for better Faculty Student ratio.

2.13 Department wise sanctioned posts for the Academic Year 2021 - 2022

The department wise, details of the sanctioned posts are presented to the board based on the faculty student ratio of 1:20.

Department	Student intake		Faculty Required (1: 20)	Faculty Available
	UG	PG		
AE	360	36	21	22
CSE	720	36	39	40
CSE (AIML)	60	-	3	5
CSE (DS)	60	-	3	4
CSE (CS)	60	-	3	4
IT	360	-	18	19
CSIT	60	-	3	3
ECE	720	36	39	48
EEE	300	36	18	20
ME	300	36	18	21
CE	300	36	18	20
MBA	-	120	6	8
Mathematics	1380		9	12
Physics			9	11
Chemistry			9	9
English			9	9
Others CSE /IT			9	9
Others EEE / ECE			9	11
Others ME / CE			9	10
Others MNGT/ H&S			9	6
TOTAL	5016		261	291

Resolution: The board noted the faculty count, department wise.

2.14 Revised plan to improve publications in Q1 and Q2 category of journals.

The principal highlighted the importance of research publications in order to encourage the faculty of the institute to have more quality publications.

What's Journal Quartile and Rankings of a Research Journal:

A quartile is the ranking of a journal or paper definite by any database based on the impact factor, citation, and indexing of that particular journal. It can divide into four different quadrants starting with Q1, Q2, Q3, and Q4.

Q index simply means **quartile** which is the **ranking** of any journal that belongs to a specific or particular field of discipline and also known as the parameter of measuring or ranking of a journal.

Usually, all indexing agencies are going to arrange journals by divide into four different quads depending on the quality of the journal and the citation received. The quartile rank and journal impact factor percentage published by any indexing agency yearly rankings of science and social science journals, in any subject categories relevant to the journal based on Impact Factor data. Hence the quartile rankings are therefore derived for each journal in each of its subject categories according to which quartile of the impact factor allocates that this journal occupies for that subject category and this defined the ranking of the journal.

Quartiles Ranking based on Impact Factor distribution

- Quartile 1(Q1): The first position of the top 25% of journals in a particular category are placed in this category (top 25%)
- Quartile 2 (Q2): The middle-high position subsequent occupied by 25% Journal after quartile 1 fall under this category (between top 25% to 50%)
- Quartile 3 (Q3): The middle-low position next 25% Journal title after Q2 fall under this category (between 50% to 75%)
- Quartile 4 (Q4): The last or lowest position following 25% Journal title of a selected field will fall under this category (between 75% to 100%).

In addition to the impact factor, citations, indexing the ranking of journals in each subject category are divided into quartile by Clarivate Journal Citation Reports (JCR) and Scimago Journal & Country Rank (SJR). These quartiles rank journals from highest to the lowest position in the scientific field.

In order to advance the citations, rankings and quality in the research publications, principal proposed the following incentives for the faculty publications.

Incentive amount for the above type of indexing publications is given as mentioned below:

Scimago Journal Ranking (SJR)	Incentive Amount in (Rs.)	
	A and B	A or B
Quartile 1 (Q1)	1,00,000	75,000
Quartile 2 (Q2)	70,000	50,000
Quartile 3 (Q3) / Quartile 4 (Q4)	30,000	20,000

Abstracting and Indexing:

A	Scopus	
B	Web of Science	Arts and Humanities Citation Index (A & HCI)
		Science Citation Index Expanded (SCIE) / Science Citation Index (SCI)
		Social Sciences Citation Index (SSCI)

Eligibility for the proposed incentives:

1. The author affiliation should be 'Institute of Aeronautical Engineering'
2. The publication correspondence should be made through institute domain mail Id only.

Resolution: The board noted and appreciated the efforts of the management towards the quality publications. The house recognized the efforts in updating the profiles of the faculty in Vidwan - infibnet database.

3.0. Items for Ratification

3.1 Income - Expenditure statement for the Financial Year: 2020 - 2021.

The Ex-Officio submitted the budget estimates, budget utilization and audited statement before the board for the Financial Year 2020 - 2021 for their perusal. Members suggested to present income and expenditure particulars categorized in detail.

Income Particulars: 2020 - 2021		
S No	Item Description	Expenses (Rs.)
1	Student tuition fee	36,27,19,000

2	Miscellaneous	2,01,00,000
3	Other Govt and non Govt	48,04,000
Total Income		38,76,23,000
Expenditure Particulars: 2020 - 2021		
S.No	Item Description	Income (Rs.)
1	Salary for staff	18,30,00,000
2	Library	15,69,000
3	Computer Centre	95,38,000
4	New equipment and software for Laboratories	1,20,40,500
6	National / International workshops / symposia / conferences / training programs organized	69,70,000
7	Maintenance of Academic infrastructure/consumables and other running expenditure	7,84,50,000
Total Expenditure		31,55,90,500
The difference in income and Expenditure		7,20,32,500
Budget Allocation: 2020 - 2021		
S No	Item	Budgeted (Rs. in Crore)
1	Infrastructure and built up	4.0
2	Library	0.28
3	Laboratory equipment	1.5
4	Laboratory consumables	0.44
5	Teaching and non-teaching staff salary	24.9
6	R & D Equipment	0.82
7	Training and Travel	2.1
8	Other, Specify	6.8
Total		40.84

Resolution: The Board suggested the modifications and circulated for approval.

3.2 Apply to JNTUH for recognition of research supervisors.

The Principal proposed to submit the applications for recognition of research supervisors to JNT University Hyderabad as per the eligibility criterion of the University.

The details of the faculty of the institute applied for recognition of research supervisors are:

S No	Name of the faculty	Dept	Details of Ph.D.		Number of publications
			Year of completion	University	
1	Dr. L V Narasimha Prasad, Professor	CSE	2016	SV University	50
2	Dr. G Ramu Associate Professor	CSE	2016	JNTU Anathapur	10
3	Dr. J Sirisha Devi Associate Professor	CSE	2016	GITAM University	16
4	Dr. M Madhubala Professor	CSE	2015	JNTU Hyderabad	28
5	Dr. R Murali Prasad Professor	ECE	2013	JNTU Anathapur	07

6	Dr. V Padmanabha Reddy, Professor	ECE	2014	SV University	17
7	Dr. P Munaswamy Professor	ECE	2014	SV University	5
8	Dr. D Govardhan Professor	ME	2012	JNTU Hyderabad	25

Resolution: The board noted the permitted faculty to submit the applications for recognition of research supervisors to JNT University Hyderabad.

3.3 Annual Quality Assurance Report (AQAR) submitted to NAAC for the academic year 2020-2021.

The Ex-Officio presented the Annual Quality Assurance Report (AQAR) for the academic year 2020 - 2021 to the board for their perusal.

Resolution: The house noted and resolved to approve Annual Quality Assurance Report (AQAR) for the academic year 2020 - 2021. The report is enclosed in **Annexure - VI**.

3.4 Annual e-governance report 2020-2021

IARE developed its own in-house software; IARE Campus Administration Portal (CMS and LMS). These services of the software are accessed by all the stakeholders like students, parents, faculty and other administrators of the organization.

IARE Campus Administration Portal Home Page <https://www.iare.ac.in/>, by the login credentials, stakeholders and admin can login in to this portal.

IARE is implementing this system in all the major possible areas such as,

- ❖ Akanksha, Learning Management System (LMS)
- ❖ Samvidha, Campus Management System (CMS)
- ❖ Examination Management System (EMS)
- ❖ Administration processes and the internal working of the departments within an educational organization.

E-Services: It is to improve the delivery of services to students by providing interactive services, such as online admission, online syllabus, request for certificates, online results, issuing online ID cards etc.

- ❖ Direct involvement of stakeholders in administrative and decision-making processes by using e-governance tools.

IARE Administration is fully automated using SAMVIDHA Campus Management System and AKANKSHA Learning Management System for smooth functioning of the institute.

Planning and Development:

- Uses ICT in the process of planning, college-events and activities, institute uses personal mails. E-governance is the integration of Information and Communication Technology in all the working processes of the system.
- Aims to minimize the manual efforts and improve the communication, create transparent system, and to be cost and time effective.
- Facilitates the functioning of the college by using CMS and LMS software with Student, Examination, Finance & Account, Employee, and Library modules.

Development of digital content and making of ICT videos lectures:

The faculty of IARE created digital video lecture content through ICT facilities available in the campus. The ICT centre shall upload the content an update in the digital platform regularly.

The details are as follows:

ICT Studio Started	: 04 Jan, 2020
Subscriber views in digital platform so far	: 4,96,910
Hours of Watch Time	: 24.8K
Total Videos	: 2773

YouTube Channel Analytics:

Date	Views	Watch Time (hours)	New Subscribers	No. of Videos uploaded
Jan - 2020	4,228	88.7	405	24
Feb - 2020	4,595	83.9	148	10
Mar - 2020	3,671	59.7	511	10
Apr - 2020	18,044	775.7	379	0
May - 2020	20,141	2000	340	0
Jun - 2020	7,318	364.7	43	0
Jul - 2020	10,927	818.9	210	0
Aug - 2020	18,787	700.9	189	24
Sept - 2020	19,629	824	135	18
Oct - 2020	20,020	816.3	220	15
Nov - 2020	22,043	1000	181	84
Dec - 2020	30,391	1500	428	239
Jan - 2021	43,629	2400	275	216
Feb - 2021	29,404	1600	148	202
Mar - 2021	17,710	724.4	117	364
Apr - 2021	16,630	625.8	103	478
May - 2021	22,720	1,218	107	202
June - 2021	37,234	3,046.1	183	166
July - 2021	29,334	1,315	171	158
Aug - 2021	49,566	2,345.1	390	183
Sept - 2021	41,853	1,564.2	330	203
Oct - 2021	29,291	1,002.1	227	177
Total	4,96,910	24,868.1	5,224	2773

Resolution: It is resolved to approve the e-Governance report of the institute for the Academic Year 2020 - 2021. The panel members appreciated and noted the digital video lectures content developed by the faculty of the Institute. The board also suggested to ensure the standard quality of the digital content before uploading to digital platform.

3.5 Minutes of Internal Quality Assurance Center meetings held since 10th Governing Body meeting

The minutes of Internal Quality Assurance Center is submitted to the board for their perusal.

Resolution: It is resolved to approve the minutes of Internal Quality Assurance Center of the institute.

3.6 List of the faculty obtained Ph.D. degrees since 10th GB meeting

The list of the faculty who obtained doctoral degree is presented to the board for their comments.

S No	Faculty	Department	University
1	Dr. K Narender Reddy	EEE	NIT Warangal
2	Dr. A Naresh Kumar	EEE	GITAM University Hyderabad
3	Dr. B Padmaja	CSE	JNTUH Hyderabad
4	Dr. V V S Harandh Prasad	ME	Osmania University, Hyderabad

Resolution: The board noted the list of the faculty who obtained Ph.D. and permitted for academic promotions as per IARE norms.

3.7 Staff appointed and staff relieved since the 10th Governing Body meeting

The Principal apprised 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 - VII**.

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

S N	Department	Faculty recruited	Faculty relieved
1	Aeronautical Engineering	02	04
2	Computer Science and Engineering	18	10
3	Computer Science and Engineering (AIML)	03	-
4	Computer Science and Engineering (DS)	01	-
5	Computer Science and Engineering (CS)	02	03
6	Computer Science & Information Technology	00	01
7	Information Technology	05	07
8	Electronics and Communication Engineering	10	03
9	Electrical and Electronics Engineering	04	04
10	Mechanical Engineering	07	04
11	Civil Engineering	07	07
12	MBA	01	01
13	Mathematics	02	01
14	Physics	03	02
15	Chemistry	04	01
16	English	02	01
Total		71	49

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

4.0. Items for Information

4.1 Note on NIRF - 2021 ranking system by Ministry of Education (MoE), Government of India

The Governing Body members congratulated the management and the Principal on achieving 159th rank in Engineering category in National Institute Ranking Framework (NIRF) in the Year 2021. The Chairperson presented the details on achieving the prestigious NIRF rank criterion wise. The institute ranks in terms of other reputed agencies were also presented to the committee for their perusal.

It is a matter of great pride that the institute is ranked one among the 200 best engineering colleges in the country. The institute is consistently attaining NIRF rank since 2017. The details of the rankings are enclosed in **Annexure - VIII**.

Resolution: The house noted, appraised and ratified the institute rankings. The Governing Body members noted and accorded permission to submit the necessary documents to the MoE, Government of India whenever they demand.

4.2 Note on submission of institute's CII survey

The Principal elaborated the importance of rankings and its impact in the sustainability, admissions, placements, industry connects and funds from the Govt. organizations. In view of these, the institute would like to showcase the strengths and credentials in national / international ranking platforms.

The institute would like to participate in the prestigious annual rankings conducted by Confederation of Indian Industry (CII) jointly with AICTE for the role of the higher education institutions who have strived hard to establish an excellent industrial connect and linkage vis-e-vis its counterpart by regular contributions.

This joint survey assesses the current status of partnership between technical institutions and industry on six basic parameters such as curriculum, faculty, governance, infrastructure, placements and research and services / project & skill development.

The AICTE - CII Survey for Industry-Linked Technical Institutes maps industry linkages of Indian technical institutes in four broad streams - Engineering, Management, Architecture and Pharmacy showcasing the best practices of partnerships with industry and highlights the strengths and weaknesses of the ecosystem of technical education in India. At the end of the survey, awards and citations are presented to the best industry linked institutes.

The institute filled and submitted the application for AICTE - CII survey. The Principal presented the data to the members for their comments. The CII filled in form; other details are enclosed in **Annexure - IX**.

Resolution: The board noted and appreciated for participating in AICTE - CII survey.

4.3 Note on research SEED funding

The Principal explained about the active supporting mechanism to the stake holders by providing research SEED funding. A fund up to Rs. 2.5 Lakhs for product development and Rs. 7.5 Lakhs for commercialization and a fellowship of Rs. 5000 per month during incubation period for all the eligible students. The faculty are supported with a seed fund of Rs. 5 Lakhs from Ideation level to venture creation. The seed fund support for Alumni and community innovators will be provided based on agreement between institute and incubate.

The details of the sanctioned research funding for the Academic Year 2021 - 2022 is as follows:

S No	Name of the Faculty	Department	Amount (Lakhs)
1	Dr. M. Madhu Bala	CSE	5.0
2	Dr. K. Hari Prasad	Physics	5.0
3	Dr. Rizwana	Physics	4.5
4	Dr. Y. Mohan Roopa	CSE	4.5
5	Dr. Vijay Vallabhuni	ECE	3.5
6	Dr. K. Maruthupandyan	AERO	4.0
7	Dr. K. Viswanath Allamraju	MECH	2.5
8	Dr. P. Ashok Babu	ECE	3.0
Amount			32.0

Resolution: The board granted the permission for SEED / research funding to the stakeholders for the academic year 2021 - 2022 and appreciated the Principal and Management for their support and encouragement towards the research orientation.

4.4 Note on welfare measures for teaching and non-teaching staff

IARE emphasizes welfare and career progression as the essential aspects for Teaching and Non-

Teaching Staff, and formulate policies for their career growth.

Welfare Measures for Teaching and Non-Teaching Staff:

- Pay Revision and Annual increments are based on the AICTE 360-Degree Feedback score for staff taken up every year to assess the performance to increase the pay scale accordingly. The same procedure is followed for annual increments also.
- Provident Fund is provided for non-teaching staff.
- Medical insurance with 50% support from the institute is provided for all the staff members.
- Emergency medical facilities with an ambulance, campus doctor, and medicines within the institute.
- Incentives for Information and Communications Technology (ICT) Video lecture content development.
- Maternity Leaves, Marriage Leaves, and Medical Leaves for eligible staff.
- Compensatory Casual leaves on holidays.
- Special Emergency leaves.
- Salary advance in need is provided.
- Financial aid in the cause of death of the staff members during the pandemic.
Rs. 1,50,000 /- and three months salary in advance is provided to the family members of Mr. T Anil Kumar, Assistant Professor, EEE Department on his sudden demise due to Covid19.
- Financial allowance for working overtime.
- Concession of education fee for the children of the staff members working at the institute.
- Concessional transport fee for Staff.
- Kids' day care centre for children of the staff.
- Distribution of new clothes on auspicious occasions for Non-Teaching Staff.
- Uniforms for supporting staff.
- Free Internet and Wi-Fi facilities across the campus with an uninterrupted power supply.
- Food is available in the college canteen for the staff at concessional prices.

Resolution: The board noted and suggested to add 'Paternity Leave (PL)' in HR policy from the academic year 2021-22. The PL could be granted to male employee for 06 days during the confinement of their wives, provided, the limit is up to two children.

The following are the provisions for PL:

- The male employee of the institution, who has completed at least 2 years of continuous and satisfactory service is eligible for PL for a maximum of 4 days within 15 days from the date of delivery of his spouse, subject to prior approval of the principal. The CL for maximum of 2 days can be clubbed with PL.
- PL sanctioned shall be availed on a continuous basis and cannot be availed in instalments.
- An employee can avail PL only for two times in his entire service period.
- The decision of the Principal will be final in sanctioning of PL.

4.5 Note on various institute policies

Institute of Aeronautical Engineering is guided by policies and procedures that protect the rights and responsibilities of all students, staff and faculty. These policies and procedures are reflective of the college's mission, vision and values and support the college's commitment to providing a supportive learning, teaching and working environment for all.

It is important for stakeholders to become familiar with all the policies and procedures set out by the institute.

- Administration HR Policy

- Institutional Devices Policy
- IPR Policy
- Recruitment and Promotion Policy
- Faculty Performance Analysis
- IT Policy
- Innovation and Start Up Policy
- Research Policy
- Open Educational Resources Policy
- The Certificate of Commitment appreciating the organisation's contribution to the cause of eradicating corruption.
- Plagiarism Policy
- Code of Ethics - Staff and Students
- Mentoring Policy
- Code of Conduct Hostellers
- Grievance Redressal Policy
- Guidelines for Promotion of Faculty under CAS - 2018
- A Guide to Writing, Assessing and Attainment of Course Outcomes

Resolution: After deliberate discussions, the board accepted institute's policies with immediate effect. The board suggested to disseminate these policies in the institute webpage.

4.6 Note on revised constitution of institute's Alumni association and its financial contribution

The institute's associated Alumni is reconstituted with the new panel of members. The details are as follows:

S N	Name of the Office Bearer	Role	Occupation	Full Address
1	Mr. A Sathish Kumar S/o. Balchandram	President	Assistant Professor, EEE Dept.	Flat No. 202, Hyndavi Apartments, Near Cineplanet, Kompally, Hyderabad - 500014.
2	Mr. A Praveen S/o. A Ramesh	Vice President	Assistant Professor, IT Dept.	2-19-105/B, 1 st Floor, 2- Portion, Kalyanpuri Uppal, Hyderabad - 500039
3	Mr. P Ravinder S/o P Gangaram	General Secretary	Assistant Professor, CSE Dept.	Plot No: 28 & 29 Flat No: 102, Thirumala Residency, Vasanth Vihar Colony, Hyderabad - 500067
4	Mr. Mohammad Khadir S/o MD Hussain	Treasurer	Assistant Professor, ECE Dept.	Plot No: 31-379, Bhagath Singh Nagar, Suraram, Hyderabad - 500055
5	Mr. K Tarun Kumar S/o Janardhan Rao	Joint Secretary	Assistant Professor, CE Dept	4-66/5, Prashanth Nagar, Chintal, Balnagar, Medchal - 500054
6	Mr. C Labesh Kumar S/o C Sridiraj Lal	Executive Member	Assistant Professor, Mech Dept	3-1-12, SD Road, Kamareddy, Telangana - 503111
7	Mr. P Rajesh S/o. Pandu Ranga Rao	Executive Member	Public Relations Officer	Flat No. 202, Temple tree apartments, Gopal Rao Nagar, KPHB Colony, Hyderabad
8	Ms. S Shireesha D/o. S Rama Chandra Raju	Executive Member	Assistant Professor, MBA Dept	Plot No: 181, Venkat Ram Nagar, Suraram X Roads, Jeedimetla – 500055.

Resolution: The board noted the reconstitution of institute's alumni association and recognized its activities like alumni meet, fund generation, alumni registrations etc.

4.7 Note on alternative sources of energy, water and energy conservation measures,

measurement of degradable and non-degradable waste, Green and Energy audit reports

The principal elaborated the importance of alternative sources of energy, measures of energy conservation, initiation towards degradable and non-degradable waste management along with audit reports.

Institute of Aeronautical Engineering is deeply concerned and unconditionally believes that there is an urgent need to address these fundamental problems and reverse the trends. The rapid urbanization and economic development at local, regional and global level has led to several environmental and ecological crises. On this background it becomes essential to adopt the system of the green campus for the institute which will lead to sustainable development.

The purpose of the audit was to ensure that the practices followed in the campus are in accordance with the green policy, environment and energy policy adopted by the institution. The methodology includes: preparation and filling up of questionnaire, physical inspection of the campus, observation and review of the documentation, interviewing key persons and data analysis, measurements and recommendations. It works on the several facets of 'Green Campus' including water conservation, tree plantation, waste management, paperless work, alternative Energy and mapping of biodiversity. With this in mind, the specific objectives of the audit were to evaluate the adequacy of the management control framework of environment sustainability as well as the degree to which the departments are in compliance with the applicable regulations, policies and standards. It can make a tremendous impact on student health and learning college operational costs and the environment. The criteria, methods and recommendations used in the audit were based on the identified risks.

Alternative Energy Sources:

1. **Solar energy:** grid interfacing, rooftop installed solar plant of 160 KW, connected load 1276.09 KW, energy audit done by M/s. Sri Gayatri Energy Services, Hyderabad since 2018 - 2019.
2. **Biogas plant:** Flexi Biogas Plant 2m³ Design, Installation with Digester, Booster, Stove, Food crusher & 40 Feet Pipe in association with M/s. SP ECO Fuel Enterprises, Hyderabad.
3. **Wheeling to the Grid:** Grid Tied with TS Transco and State electricity boards.
4. **Sensor-based energy conservation:** Automated Street light system.
5. **Use of LED bulbs/ power efficient equipment:** Campus illumination is with LEDs.

Green Initiatives:

The Institution is housed in a lush green, sprawling pollution-free campus of 17 acres.

Practices towards the Green Initiatives:

- **Public Transport**
- **Bicycles are used by staff and students on campus:** There are adequate facilities to park bicycles at different locations on campus and Hostel.
- **Pedestrian-Friendly Roads:** All roads on campus are pedestrian-friendly as vehicle movement is limited on campus. Students are encouraged to walk around the campus.
- **Minimize accumulation of plastic waste,** care is taken to avoid plastic waste accumulation during Institute and Department events.
- **Ban on disposable cups and plates,** in the campus and canteen is encouraged to use disposable eco-friendly paper plates and cups.
- **Use of steel utensils,** during the institute events steel utensils are used, these utensils are collected from the institute canteen.
- Drinking water purifiers are provided.
- Most of the important communications to the staff members of all the Departments and offices are sent via e-mails, telegram messenger and institute website.

The significant initiatives implemented at the institute are:

Carbon Neutrality Effort by Tree Plantation

The entire institute is eco-friendly and landscaped with extensive gardens, plantation with recycled water. The entire university campuses are maintained as non-smoking zone.

The total area of IARE is 28381.87872 m². Out of which the built-up area (include Roads) is 30% (i.e 8,514.56 m²) and plantation area is 70% (i.e. 19,867.32 m²).

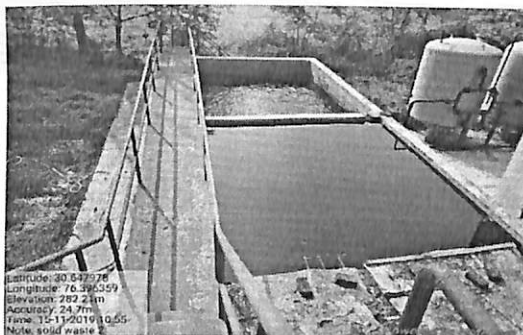
The area is immensely diverse with a variety of tree species performing a variety of functions.

- There is total 15 types of trees and 27 types of plants in the Institute
- The institute has a green cover of 2387 tree and plants.
- The average annual temperature in Dundigal is 27 °C.
- Ph- level of the water is 7.5
- Total dissolved Solids are 340 as capered to agreeable levels of 500.

Solid Waste Management

The biological reusable waste generated are processed as organic manure for the plants available in the campus and the other solid waste generated in the campus is taken to the community bin of Dundigal Municipality for recycling and disposal.

- Wooden scraps found on campus are reused in mending damaged furniture.
- Paper waste is sold to vendors for recycling at regular intervals.
- NSS regularly conduct campus cleaning drives, and supports to segregate waste after institute events.
- Students also reuse solid waste to make decorative items for institute cultural events.



Solid Waste Management



Rain Water Harvesting Structure

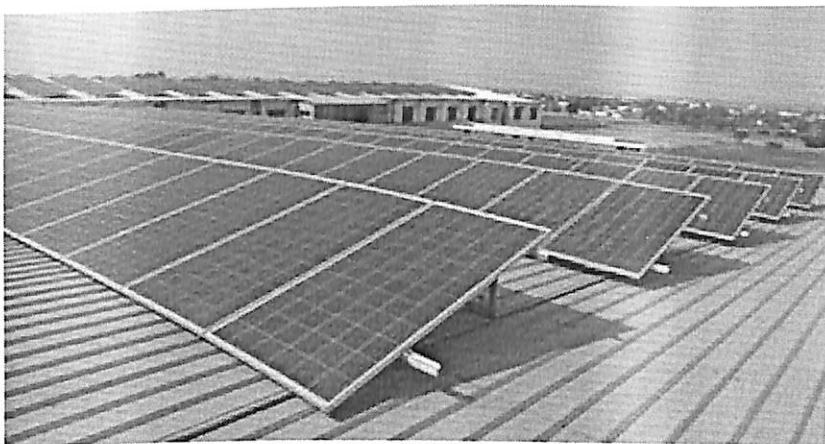
Rain Water Harvesting Structures and Utilization

The Institute guarantees that the water wastage is limited at an ideal dimension and the flawed taps and pipes are under normal check and subsequently no loss of water is watched, neither by any spillages nor by flood from overhead tanks. The institute has actualized water reaping (RWH) inside its grounds for putting away and reuse of water in all building's blocks of the institute.

- RWH wells were laid in various places of the institute to ensure the proper percolation of rainwater to recharge and replenish the ground water.
- Borewell has been dug up to recharge the ground water.

Green Energy:

160 KW solar power plants have been setup on the top of the Bhardwaja Block. Electricity bill and emission of CO₂, SO₂, SPM have been reduced by using solar power plant. Moreover, many solar energy related student projects have been undertaken in Thermal and Electrical Engineering programs.



E-Waste Management

- Established MOU with Ramkey Enviro Engineers Limited, Hyderabad, <https://www.iare.ac.in/?q=e-waste>

Green Audit Reports

- <https://www.iare.ac.in/?q=green-audit-reports>

Energy Audit Reports

- <https://www.iare.ac.in/?q=energy-audit-reports>

Environment Audit Reports

- <https://www.iare.ac.in/?q=environment-audit-reports>

Resolutions: The board noted the alternative energy sources available in the campus, green initiatives, energy and environment audit reports. The board appreciated the rain harvesting, solid and e-waste management practices in the institute. The audit reports are enclosed in **Annexure- X**.

4.8 Note on organization of national and international commemorative days, events and efforts

Institution celebrates / organizes national and international commemorative days, events and festivals. National festivals play an important role in planting seed of Nationalism and Patriotism among people of India. The institute celebrates these events with great enthusiasm to commemorate the ideology of nationalism and to pay tribute to our great National Leaders.

The Faculty, Staff and Students of the institution all come together under one umbrella to celebrate these occasions and spread the message of Unity, Peace, Love and Happiness throughout.

The Principal proposed to prepare the academic calendar with important national / international days and commemorative events and festivals.

Commemorative Days: 2021 – 2022

S No	Day and date	S No	Day and date
1	Swami Vivekananda Jayanti Celebration / National Youth Day – 12 January	15	World Entrepreneurs Day – 21 August
2	Voter's day – 25 January	16	National Sports Day – 29 August
3	Republic Day – 26 January	17	Teachers Day – 05 September
4	National Science Day – 28 February	18	International Day of Literacy – 08 September
5	International Women's Day – 08 March	19	Engineer's Day – 15 September

6	World Consumer Rights Day – 15 March	20	India Start-up Day - 01 October
7	World Earth Day – 22 April	21	Gandhi Jayanthi – 02 October
8	World Intellectual Property Day – 26 April	22	National Innovation Day – 15 October
9	National Technology Day – 11 May	23	National Unity Day – 31 October
10	World Environment Day – 05 June	24	National Education Day – 11 November
11	International Yoga Day - 21 June	25	Constitution day – 26 November
12	Kargil Vijay Divas – 26 July	26	National Pollution Control Day – 02 December
13	Independence Day - 15 August	27	National Energy Conservation Day – 14 December
14	World Photography Day – 19 August	28	Vijay Diwas Day – 16 December

Resolution: The board noted the events celebrated, celebrations of commemorative days in the institute. The members of the board appraised the academic calendar with important national / international days and commemorative events and festivals. The sample academic calendar is enclosed in Annexure – XI.

4.9 Note on extension and outreach activities and programs conducted in the neighborhood community

Institute of Aeronautical Engineering comprises dedicated students who consistently improve their skills about contemporary social and environmental activities, sustainable development and passion for social ethics, with service orientation and holistic development. We develop the leadership and management qualities along with creating an awareness of social responsibilities towards the nation.

The institute has a separate **Outreach Programs and Extension Activities Center (OPEAC)** - the tag line of which is “Working with a Smile to bring back a Smile”.

The network with the community is developed through NSS and NCC activities, MOUs and the social activities.

S N	Title of the Project	Name of the Investigator	Amount in Rs	Status
1	Socio - economic, sustainability & development in Agriculture and Water Resources for rural schools through self-designed Science and Technology	Ms. K L Revathi Asst. Professor, MBA Dr. M Purushotam Reddy, Professor, IT Dept.	14,04,000	Sanctioned on 27 Sept 2021 from NCSTC Division, Department of Science and Technology, New Delhi
2	Samyuktha Shiksha Abhiyas - Awareness program on science and technology for social empowerment of rural school children	Dr. T Vara Lakshmi Associate Professor, MBA Dr. P. Sridhar Professor, EEE	28,00,000	Submitted on 9 Sept 2021 for NCSTC Division, Department of Science and Technology, New Delhi
3	Sensitizing rural communities on harmonizing traditional folk-art forms using digital tech based contemporary aides	Dr. Y Mohana Roopa, Professor of CSE Ms. K L Revathi Assistant Professor MBA	29,95,400	Submitted on 9 Sept 2021 for NCSTC Division, Department of Science and Technology, New Delhi

Student activities:

S N	Name of the Activity	Organizing unit/ agency/ collaborating agency	Date of the activity
1	Tree plantation	NSS, IARE	24-07-2021
2	EKADRISTA- Awareness and distribution of Clay Ganesha	Street cause, IARE	09-10-2021
3	Vikaas- Donation of two ceiling fans and one wall fan to Srimatha old age home, Hyderabad	Street cause, IARE	10-11-2021

Science for Equity Empowerment and Development Division – DST / SEED:

Name of the Project	Poverty alleviation and upliftment of tribal women through mechanized manufacturing of traditional ornaments and house hold products
Sanctioned date	March, 2020
Duration	03 Years
Project Cost	Rs. 1,60,10,115/- (Rs. 73,34,000/- under General Component and Rs. 86,76,115/- towards Capital Assets)

Overview: Lambada / Banjara's women living in Dundigal Thanda I and II make their own ethnic dresses, traditional ornaments and household decorative items. Their ethnic dresses have rich mirror work and traditional ornaments are made using shells and crude metals. Decorative household items are also manufactured with wood, clay, roots and barks.

The tools are handcrafted using their traditional knowledge and skill, which is a time taking process and their work is not getting appreciable revenue and workmanship doesn't attract appreciable revenue.

All the capital cost was utilized for procurement and fabrication of machinery.

The objectives of the project are:

- Train and provide hands on training for the lambada women in Mechanized machines.
- Infuse robust technologies for the machinery namely the bangles, coin stamping, chain making, Wood carving and embroidery machine.
- Construct a common facility centre near the Thanda where the tribal women are trained by expert people such that their traditional art is modernized to the current competence and contest of society requirement.
- Create social entrepreneurship to assist them to establish processing units for large scale production through market linkages.

Science Fair activities for School children:

Science Fair: Science – Society – Environment to *Inculcating scientific temper at a young age*

Activity	No. of Schools	Associating Agency	Sanctioned by
District level Science fair for School Children (Ref: Lr No. 3303/B2/SS/ 2021, Date: 02/11/2021)	108 high schools in Medchal Malkajgiri District, Telangana	NSS Units and Swecha NGO	District Education Officer, Medchal Dist.

Science and Technology are the pillars of the modern society. They play a key-role in virtually every walk of life – from modern medicine to agriculture to food delivery, there is no place where science and technology does not have an impact. In this scenario, it is imperative that we inculcate the spirit of scientific thinking and kinder scientific temper. There is no better place to do this than in schools, a place and age where the young minds are at their impressionable best.

Within this over-arching main area, we further categorize the following themes:

1. Cleanliness, Health & Hygiene

- i. Sanitation
- ii. Food and Nutrition
- iii. Water purification
- iv. Public health – awareness

2. Transportation

- i. Public transit systems for cities
- ii. Eco-friendly transport systems
- iii. Electric Vehicles / Hybrid Vehicles

3. Climate Change

- i. Global warming – awareness
- ii. Fighting climate change
- iii. Soil Conservation, Water Conservation and the Energy Conservation
- iv. Sustainability activities in day-to-day life
- v. Promoting the UN SDGs

4. Renewable Energy

- i. Wind Energy
- ii. Solar Energy
- iii. Solar Thermal Energy
- iv. Mega & Small Hydel Projects
- v. Increasing the sustainability and efficacy of Batteries

5. Agri-Tech

- i. Sustainable practices
- ii. Food security for our nation
- iii. Use of technology in agriculture

6. Debunking superstitions and myths

- i. Awareness on superstitious beliefs
- ii. Demonstrations debunking myths

Resolution: The board appreciated and noted the list of outreach programs, science fair and extension activities in the neighborhood community.

4.10 Note on functional MOUs

IARE, welcomes collaborations with the industry for internships, employment, project sponsorship, research agreements, partnerships, and other types of engagement / MoUs.

Industry connects aim to link students to industry where they are exposed to opportunities to connect with successful industry and community leaders, which helps to gain a competitive edge, with the potential to enhance their professional prospects.

Students will be able to apply the practical skills and knowledge to the real-world problems which make their result-oriented career excellence.

The industry connects develop opportunities through:

- Professional training from industry experts
- Guest lectures from industry specialists
- Placements and internships
- Employment opportunities
- Industry based projects
- Networking events
- Site visits

Resolution: The board noted the list of MOUs and the details are enclosed in **Annexure - XII**.

4.11 Placement details of Academic Year: 2020 - 2021 and 2021 - 2022; department wise

The department wise placement details were presented to the Governing body for comments.

S No	Branch	No. of placements	
		2021 - 2022	2020 - 2021
1	Aeronautical Engineering	42	61
2	Computer Science and Engineering	474	191
3	Information Technology	172	36
4	Electronics and Communication Engineering	468	181
5	Electrical and Electronics Engineering	99	45
6	Mechanical Engineering	62	23
7	Civil Engineering	31	17
Total Placements		1348*	554

Results are awaited from NTT Data, MuSigma, HPE, Amazon, Tech Mahindra, Sales Force.

Overview of the Campus placements since last five years are:

Academic Year	Job Offers	Total Students	Eligible & Interested students	Higher Studies / Entrepreneurship	Companies visited
2021-2022	1348*	1157	980	08	15
2020-2021	778	975	882	273	47
2019-2020	554	975	623	297	35
2018-2019	567	891	662	210	59
2017-2018	512	905	600	255	36
2016-2017	420	891	512	210	27

Salary Range & Number of Offers Made

Salary Range (₹) LPA	Number of offers made					
	2021 - 22*	2020 - 21	2019 - 20	2018 - 19	2017 - 18	2016 - 17
15 to 10	9	8	2	2	0	0
10 to 7	38	16	0	13	22	2
7 to 5	156	90	7	23	44	19
5 to 4	296	232	30	22	0	8
4 to 3	849	361	279	369	146	139
< 3	0	71	236	138	300	252
Total	1348	778	554	567	512	420

Average Salary (₹ LPA) is by adding all the salaries for a placed student and dividing the sum by the number of students.

Median salary is a figure that takes many salaries into account and reports the middle number in that set of salaries.

Academic Year	Average Salary (₹ LPA)	Median Salary (₹ LPA)
2021-2022	2.75	2.50

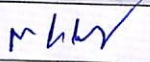

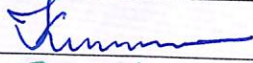
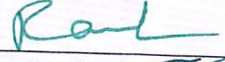

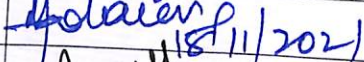
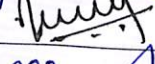
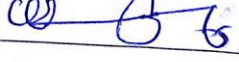
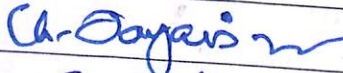
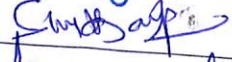


2020-2021	3.19	2.50
2019-2020	3.42	3.20
2018-2019	3.75	3.80
2017-2018	4.02	3.80
2016-2017	6.55	6.50

Resolution: The board noted the placement and salary package statistics. The board appreciated the management and Principal for their efforts in attracting the top MNC companies.

Suggestions made by the members of the Governing Body:

- Measures should be taken to increase Faculty retention rate.
- It has been suggested to take necessary steps to establish the connections with senior academicians to improve the levels of Perception, one of the ranking parameters to evaluate rankings and metrics in NIRF, in order to achieve better ranking.

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

S No.	Members	Portfolio	Signature
1	Sri. M Rajasekhar Reddy	Chairperson	
2	Prof. A Damodaram	UGC Nominee	
3	Prof. K Venkatachalam	State Govt. Nominee	
4	Dr. R Markandeya	University Nominee	
5	Dr. N V Ramana Rao	Educationist	 18/4/24
6	Dr. N Yadaiah	Educationist	 18/11/2021
7	Sri. Ch Sathi Reddy	Management	
8	Sri. B Rajeshwar Rao	Management	
9	Smt. M Mamatha Reddy	Society Nominee	
10	Sri. Ch Jayasimha Reddy	Society Nominee	
11	Dr. P Sridhar	Faculty	
12	Dr. V V S Haranadh Prasad	Faculty	
13	Dr. L V Narasimha Prasad	Ex-Officio	

PRINCIPAL