



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

## MINUTES OF TWENTY FIRST ACADEMIC COUNCIL MEETING HELD ON 30 DECEMBER 2024

The Twenty First academic council meeting was held on 30 December 2024 at 9:00 AM in Sahana board room, Bharadwaja block.

Dr. LV Narasimha Prasad, Chairperson of the Academic Council, Institute of Aeronautical Engineering, Dundigal, Hyderabad presided over the meeting.

### The following members were present:

S.No	Name	Designation	Category
1	Dr. L V Narasimha Prasad	Principal and Professor of Computer Science and Engineering, Institute of Aeronautical Engineering	Chairperson
2	Dr. K Vijaya Kumar Reddy	Senior Professor of Mechanical Engineering & Rector, JNTUH University College of Engineering, Science & Technology Hyderabad	JNTUH Nominee
3	Dr. A. Raghu Ram	Professor & Chairperson of Board of Studies Electrical & Electronics Engineering JNTUH University College of Engineering, Science & Technology Hyderabad	JNTUH Nominee
4	Dr. T Satya Savithri	Professor of Electronics & Communication Engineering JNTUH University College of Engineering, Science & Technology Hyderabad	JNTUH Nominee
5	Dr. B Dean Kumar	Professor of Civil Engineering JNTUH University College of Engineering, Science & Technology Hyderabad	Member
6	Prof. V Kamakshi Prasad	Director, Research & Development Cell Senior Professor of Computer Science and Engineering, JNTUH College of Engineering Science & Technology in Hyderabad	Member
7	Dr. Satyanarayana Vaddi	Managing Partner & CEO of FinAnomics Capital, Hyderabad	Member
8	Dr. BDY Sunil	Professor and Head - Aeronautical Engineering	Member
9	Dr. C Madhusudhana Rao	Professor and Head - Computer Science and Engineering	Member
10	Dr. M Purushotham Reddy	Professor and Head - Information Technology (IT) & Computer Science and Information Technology (CSIT)	Member

S.No	Name	Designation	Category
11	Dr. P Ashok Babu	Professor and Head - CSE (Artificial Intelligence and Machine Learning)	Member
12	Dr. K Rajendra Prasad	Professor and Head - CSE (Cyber Security) & CSE (Data Science)	Member
13	Dr. P Munaswamy	Professor and Head - Electronics and Communication Engineering	Member
14	Dr. Damodhar Reddy	Assistant Professor and Head - Electrical and Electronics Engineering	Member
15	Dr. Ch. Sandeep	Associate Professor and Head - Mechanical Engineering	Member
16	Dr. R Ramya Swetha	Associate Professor and Head - Civil Engineering	Member
17	Dr. P Srilatha	Associate Professor and Head - Department of Mathematics	Member
18	Dr. Rizwana	Associate Professor and Head - Department of Physics	Member
19	Dr. Jetty Wilson	Associate Professor and Head - Department of English	Member
20	Dr. V Anitha Rani	Associate Professor and Head - Department of Chemistry	Member
21	Dr. T Vara Lakshmi	Professor and Head - Master of Business Administration	Member
22	Dr. G Chandra Sekhar	Vice Principal and Dean of Academics	Member
23	Dr. Y Pandu Rangaiah	Dean of Internal Quality Assurance Center	Member
24	Dr. D Shobha Rani	Controller of Examinations	Member

The Chairperson of the Academic Council welcomed all the members. The Academic Council discussed the agenda as per the details given below and resolved the same.

CONFIRMATION OF MINUTES AND ACTION TAKEN	
Item No.01	<p><b>Confirm the minutes of the 20<sup>th</sup> academic council meeting held on 30 September 2024.</b></p> <p><b>Resolution:</b> The members confirmed the minutes of twentieth Academic Council meeting.</p>
Item No.02	<p><b>Review the action taken report of the 20<sup>th</sup> academic council meeting held on 30 September, 2024.</b></p> <p>The Chairperson presented the action taken in accordance with the resolutions / suggestions made.</p> <ul style="list-style-type: none"> <li>• The committee recommended excluding the standing committee meeting minutes from the Academic Council for approval.</li> <li>• The committee suggested to prepare academic calendars in-line with affiliating university.</li> </ul>

- The committee suggested to include branch wise placement statistics including unique and total placement offers.

### RATIFICATION / APPROVALS

**Item No.03 Approval of B.Tech regular and lateral entry students eligible for degree after adding grace marks in the supplementary examinations conducted during August / September 2024.**

**Resolution:** The Chairperson presented the details of the students who are eligible for the degree after adding grace marks in the supplementary examinations conducted during August / September, 2024.

As per the affiliating university order dated 27.04.2024, with proceeding no: JNTUH/EB/R18 Grace Marks/3/2024 (Revised), the eligible students for degree are the regular students, admitted during the academic year 2018-19, 2019-20, 2020-21, and lateral entry students admitted during academic year 2019-20, 2020-21, 2021-22, after adding grace marks up to 0.50% (i.e., 30 marks for regular students and 23 marks for lateral entry students) for any number of theory subjects.

The following table shows branch wise details of eligible regular students for degree admitted during academic year 2018-19, 2019-20, 2020-21, and lateral entry students admitted during academic year 2019-20, 2020-21, 2021-22, after adding grace marks up to 0.50% (i.e., 30 marks for regular students and 23 marks for lateral entry students) for any number of theory subjects, as per the affiliating university order dated 27.04.2024, with proceeding no: JNTUH/EB/R18 Grace Marks/3/2024 (Revised).

S.No	Branch	Roll Number	Name	Semester	Course Code	CIA	SEE Before	Grace Marks	SEE After	Total
1	CIVIL	19951A0182	Tallapally Vishnu Vardhan	1	AHSB02	15	19	6	25	40
				2	AECB01	12	16	12	28	40
				3	AMEB03	18	15	10	25	43
2	EEE	18951A0222	Govind Kumar	5	AECB24	0	31	9	40	40
				5	AHSB14	0	31	9	40	40
3	MECH	19951A0367	Suma Sravan Kumar	5	AABB54	12	19	9	28	40
				6	AMEB35	4	29	7	36	40
4	MECH	19951A0363	Akula Shivani	6	AMEB35	3	30	7	37	40
				7	AMEB27	3	26	11	37	40
5	MECH	19951A0312	Arya Chaturvedi	2	AHSB11	20	9	16	25	45
				6	AMEB22	13	21	6	27	40
6	ECE	19951A0429	Duddala Bhanuprasad	6	AECB35	9	14	17	31	40
7	ECE	20955A0403	M G Akhilesh Kumar	3	AHSB05	15	19	6	25	40
				4	AECB14	2	28	10	38	40
8	ECE	19951A04P0	Gouralahgari Sai Teja Goud	1	AHSB02	4	30	6	36	40
				5	AECB18	5	33	2	35	40
9	CSE	20955A0524	Koyyagura Venkata Vamshi Raja Sekhar	6	AITB20	6	26	8	34	40
10	CSE	19951A05F3	Alleni Saicharan Rao	1	AEEB01	12	16	12	28	40
				5	AECB57	8	27	5	32	40
11	ECE	19955A0410	Gudiwada Manjula	6	AECB23	0	32	8	40	40
				6	AECB35	0	33	7	40	40

12	AE	20951A2133	Dillikar Laxminarayan	6	ACSC29	0	32	8	40	40
13	AE	20951A21B8	Jala Madhuri	3	AHSC08	7	27	6	33	40
				5	ACSC23	3	30	7	37	40
14	AE	20951A2162	Donthisaram Sai Kumar	4	AAEC07	4	25	11	36	40
				5	AAEC15	6	28	6	34	40
				6	AAEC25	6	26	8	34	40
15	CIVIL	20951A0117	Suvarnakanti Karthikeya	2	AHSC07	14	6	20	26	40
16	CIVIL	20951A0108	Chiliveri Anudeep	2	AMEC01	16	15	10	25	41
17	CIVIL	20951A0143	Dakur Tarun	6	AMEC34	0	28	12	40	40
18	CSE	20951A05C8	Yaduru Ramya	2	AHSC09	11	15	14	29	40
19	CSE (A1&ML)	20951A6638	Boddapati S S V P Harsha Vardhan	1	AECC01	15	14	11	25	40
				1	AHSC02	7	25	8	33	40
				2	ACSC04	5	26	9	35	40
20	CSIT	20951A3320	Donthireddy Manikanth Reddy	6	ACIC01	0	31	9	40	40
				6	ACSC28	0	28	12	40	40
21	CSIT	20951A3337	Munnama Roshan	7	ACSC31	18	12	13	25	43
				7	AECC40	17	15	10	25	42
22	ECE	20951A0406	Daram Akhil	4	AECC12	10	17	13	30	40
23	ECE	20951A0418	Talari Anusha	4	AHSC12	14	18	8	26	40
				6	AECC34	5	25	10	35	40
24	ECE	20951A0438	Ballem Chiroj Chadwick	4	AECC12	10	13	17	30	40
				7	AECC44	15	14	11	25	40
25	ECE	20951A0443	Maheshkar Dinesh Kumar	7	AECC44	5	27	8	35	40
				7	AECC49	8	14	18	32	40
26	ECE	20951A0484	Guntupalli Manikanth	6	AECC33	6	31	3	34	40
				6	AECC34	10	26	4	30	40
27	ECE	20951A0434	Kakunuri Charan Kumar Reddy	5	ACSC23	1	33	6	39	40
				6	ACSC29	8	28	4	32	40
				6	AHSC13	11	27	2	29	40
28	ECE	20951A04N4	Nallagonda Varsha	5	ACSC23	0	31	9	40	40
29	ECE	20951A04H4	Shardani Shireesha	7	AECC44	11	7	22	29	40
30	ECE	20951A04H2	Shaik Rafi	3	AECC04	7	15	18	33	40
				4	AHSC12	11	17	12	29	40
31	EEE	21955A0222	Venkat Kalyan Nadendla	4	AHSC11	21	23	2	25	46
				6	ACSC24	18	21	4	25	43
32	IT	19951A1252	Narendra Varapu Gowtham	3	ACSC07	3	26	11	37	40
33	MECH	21955A0304	Gudiboima Sohan Raj	6	AMEC29	4	28	8	36	40
34	MECH	20951A0348	Marepally Shiva Kumar	6	AMEC27	9	25	6	31	40
35	MECH	20951A0301	Aayush Athavale	2	AMEC01	0	27	13	40	40

36	MECH	20951A0332	Thouda Niharika	1	AHSC02	3	16	21	37	40
				2	AHSC07	2	31	7	38	40

The Chairperson presented the list of eligible students for degree under R16 regulations, after adding grace marks, not exceeding 0.15% (upto 9 marks) of total marks to one or two subjects, as per the affiliating university order dated 30.08.2018, with proceeding no: A1/2557/XXXVIII SCAS/ 2018 (5).

S.No	Branch	Roll no	Name	Semester	Course Code	CIA	SEE Before	Grace marks	SEE After	Total
1	ECE	17951A04L5	Vegeesina Srinivas Raju	6	AHS552	0	33	33	7	40
2	EEE	15951A0243	Bommidi Tarun Kumar	5	AHS015	0	34	34	6	40

The academic council members approved the list of regular and lateral entry students eligible for degree after adding grace marks.

The detailed circulars are enclosed in **Appendix – I & II.**

**Item No. 04**

**Students detained due to shortage of attendance for the Academic Year 2024-25.**

**Resolution:** The Chairperson presented branch-wise list of students detained due to shortage of attendance in B.Tech second year first semester, third year first semester and fourth year first semester.

Six students from second year first semester, Six students from third year first semester and Four students from fourth year first semester got detained due to shortage of attendance.

The below table shows the students admitted in academic year 2023-24, got detained due to shortage of attendance in the academic year 2024-25.

S.No	Roll Number	Name of the Student	Branch	Attendance Percentage
<b>B.Tech II Year - I Semester</b>				
1	23951A2118	Mr. Thummala Himanth	AERO	16.25
2	23951A2105	Mr. Kathi Akshay Kumar	AERO	8.25
3	23951A2140	Ms. Salavath Pooja	AERO	7.35
4	22951A05L0	Mr. Vemulapalli Sohith Sai Kumar	CSE	16.14
5	23951A66B0	Ms. Guguloth Navya	CSE (AI&ML)	10.14
6	23951A67A7	Mr. Gandhamalla Rahul	CSE (DS)	6.32

The below table shows the students admitted in academic year 2022-23, got detained due to shortage of attendance in the academic year 2024-25.

S.No	Roll Number	Name of the Student	Branch	Attendance Percentage
<b>B.Tech III Year - I Semester</b>				
1	22951A2155	Mr. Medapatla Yuvaraj	AERO	30.5
2	23955A0530	Mr. Gummadi Yakesh	CSE	51.65
3	23955A0527	Mr. Mandha Sriram	CSE	55.9
4	22951A6785	Ms. Mandula Pravalika	CSE (DS)	45.46
5	22951A3304	Mr. Kotimeedi Ajay Kumar	CSIT	26.47
6	22951A04G1	Mr. Sodari Saloman	ECE	18.80

The below table shows the students admitted in academic year 2022-23, got detained due to shortage of attendance for the academic year 2024 - 25.

S.No	Roll Number	Name of the Student	Branch	Attendance Percentage
<b>B.Tech IV Year - I Semester</b>				
1	20951A0433	Mr. Palaparathi Chandu	ECE	35.6
2	21951A0422	Ms. Mudavath Anusha	ECE	25.7
3	21951A0306	Mr. Inturu Hemanth	ME	42.6
4	21951A0139	Mr. Baipothu Vamshi	CE	15.6

The academic council members approved list of students detained due to shortage of attendance in the academic year 2024-25.

**Item No. 05** Students detained due to shortage of credits for the Academic Year 2024-25, after relaxation of credits upto 25% by the affiliating University.

**Resolution:** In line with JNTUH, Hyderabad, circular dated 15 December, 2023 with Procs. No: A1/16/2023. to relax the promotion rules for B.Tech students to get promoted from first year second semester to second year first semester is 25% of the credits up to first year second semester that is 10 credits up to first year second semester and to get promoted from second year second semester to third year first semester is 25% of the credits up to second year second semester that is 20 credits up to second year second semester.

The below table shows the list of students, got detained after relaxation of the credits to 25% upto to first year second semester.

S.No	Roll No	Name	Branch	Credits Secured
<b>B.Tech II Year – I semester students detained due to shortage of credits</b>				
<b>Credits Required: 10</b>				
1	23951A12G3	Panthagani Tulasi Nanda Vardan	IT	02
2	23951A6241	Humera Saniya	CSE (CS)	02
3	23951A6287	Vendra Prathibha	CSE (CS)	09

The below table shows the list of students, got detained after relaxation of the credits to 25% upto to second year second semester.

S.No	Roll Number	Name of the Student	Branch	Credits Secured
<b>B.Tech III Year – I semester students detained due to shortage of credits</b>				
<b>Credits Required: 20</b>				
1	22951A05M3	Polsani Srinidhi	CSE	12
2	23955A0527	Mandha Sriram	CSE	15
3	21951A2127	N Jayavardhana Rao	IT	18
4	22951A04C3	Gunti Pranay	ECE	16.5
5	22951A04H7	Mekala Shekar	ECE	18

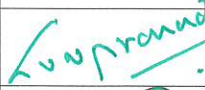






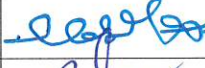


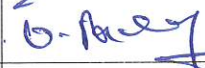
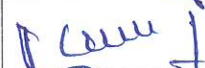


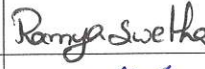


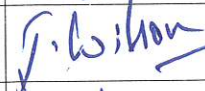

The members of the academic council approved the list of students detained due to shortage of attendance.

The JNTUH, Hyderabad circular for relaxation of credits is enclosed in **Appendix – III**.



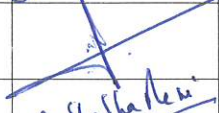
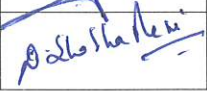
**INFORMATION**

Item No. 06	<p><b>Competency-building visit by two senior faculty members to three universities in the USA.</b></p> <p><b>Resolution:</b></p> <ul style="list-style-type: none"><li>• The Chairperson shared information about the competency-building visit of two senior faculty members to three universities in the United States of America from November 19 to 29, 2024.</li><li>• The faculty visited three universities to establish academic collaborations.</li></ul> <p><b>Purpose of Visit:</b></p> <p><b>Purdue University</b></p> <ul style="list-style-type: none"><li>• To understand EPICS process and discussion on EPICS Consortium – India</li><li>• To explore EPICS facilities</li><li>• To know the EPICS design review process and next steps</li><li>• To explore possible collaborations</li></ul> <p><b>Toledo University</b></p> <ul style="list-style-type: none"><li>• To establish research possible collaborations</li><li>• Capstone joint design projects</li></ul> <p><b>Outcome of the visit:</b></p> <ul style="list-style-type: none"><li>• Got an opportunity for the students to participate in a 3-week long summer internship Purdue university.</li><li>• Undergraduate experience in project-based and community-engaged</li><li>• Design process at Purdue university on-campus during May 25, 2025 – June 14, 2025.</li></ul> <p>The complete details of visit are attached in <b>Annexure – I.</b></p>
Item No. 07	<p><b>Visit of two senior faculty members to Bali, Indonesia, to attend an international conference.</b></p> <p><b>Resolution:</b> The Chairperson shared the information about visit details of, two senior faculty to the 5<sup>th</sup> International Conference on Energy and Power (ICEP2024) which was hosted in collaboration with the University of Bengkulu, the University of Udayana, Andalas University, and the University of Riau, Indonesia, in association with the Australian Society of Energy and Power (ASEP), from 4-6 December 2024 in Bali, Indonesia.</p> <p>The two senior faculty members attended the conference from 4–6 December, 2024, in Bali, Indonesia.</p> <p>The visit details are attached in <b>Annexure – II.</b></p>
Item No. 08	<p><b>Branch wise updated placement details of 2024 pass out students.</b></p> <p><b>Resolution:</b> The chairperson presented the updated placement details for the 2024 graduating batch and shared the branch-wise list of students, highlighting both total and unique offers.</p> <p>The detailed placement list of 2024 pass out students are enclosed in <b>Annexure – III.</b></p>

**The Twenty First meeting of the academic council concluded with thanks to the members.**

S.No	Name	Designation	Signature
1	Dr. L V Narasimha Prasad	Principal and Professor of Computer Science and Engineering, Institute of Aeronautical Engineering	
2	Dr. K Vijaya Kumar Reddy	Senior Professor of Mechanical Engineering & Rector, JNTUH University College of Engineering, Science & Technology Hyderabad	
3	Dr. A. Raghu Ram	Professor & Chairperson of Board of Studies Electrical & Electronics Engineering JNTUH University College of Engineering, Science & Technology Hyderabad	
4	Dr. T Satya Savithri	Professor of Electronics & Communication Engineering JNTUH University College of Engineering, Science & Technology Hyderabad	
5	Dr. B Dean Kumar	Professor of Civil Engineering JNTUH University College of Engineering, Science & Technology Hyderabad	
6	Prof. V Kamakshi Prasad	Director, Research & Development Cell Senior Professor of Computer Science and Engineering, JNTUH College of Engineering Science & Technology in Hyderabad	
7	Dr. Satyanarayana Vaddi	Managing Partner & CEO of FinAnomics Capital, Hyderabad	
8	Dr. BDY Sunil	Professor and Head - Aeronautical Engineering	
9	Dr. C Madhusudhana Rao	Professor and Head - Computer Science and Engineering	
10	Dr. M Purushotham Reddy	Professor and Head - Information Technology (IT) & Computer Science and Information Technology (CSIT)	
11	Dr. P Ashok Babu	Professor and Head - CSE (Artificial Intelligence and Machine Learning)	
12	Dr. K Rajendra Prasad	Professor and Head - CSE (Cyber Security) & CSE (Data Science)	
13	Dr. P Munaswamy	Professor and Head - Electronics and Communication Engineering	
14	Dr. Damodhar Reddy	Assistant Professor and Head - Electrical and Electronics Engineering	
15	Dr. Ch. Sandeep	Associate Professor and Head - Mechanical Engineering	
16	Dr. R Ramya Swetha	Associate Professor and Head - Civil Engineering	
17	Dr. P Srilatha	Associate Professor and Head - Department of Mathematics	
18	Dr. Rizwana	Associate Professor and Head – Department of Physics	
19	Dr. Jetty Wilson	Associate Professor and Head – Department of English	
20	Dr. V Anitha Rani	Associate Professor and Head – Department of Chemistry	



S.No	Name	Designation	Signature
21	Dr. T Vara Lakshmi	Professor and Head - Master of Business Administration	
22	Dr. G Chandra Sekhar	Vice Principal and Dean of Academics	
23	Dr. Y Pandu Rangaiah	Dean of Internal Quality Assurance Center	
24	Dr. D Shobha Rani	Controller of Examinations	



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# **APPENDIX I & II**

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**PROCEEDINGS OF THE**  
**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
(Established by Govt. Act No. 30 of 2008)  
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**Present: Dr. K. Venkateswara Rao**  
**REGISTRAR**

Procds No. JNTUH/EB/R18 Grace Marks/3/2024 (Revised)

Date: 27.04.2024

Sub: JNTUH-Exam Branch-Enhancement of grace marks upto 0.50% for any number of theory subjects for all B.Tech R18 students – Revised Approval Orders.

Ref: 1 Procds No. JNTUH/EB/Grace Marks/1/2022, dated 19-11-2022

2 Meeting with the higher authorities of the University held on 13.12.2023.

3 Procds No. JNTUH/EB/R18 Grace Marks/2/2023, dated 14.12.2023.

4 Note orders of the Vice-Chancellor dated 27.04.2024.

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**ORDER:**

In the University Order (3) read above, the University has approved for adding grace marks of 0.50% of total marks for any number of theory subjects for all R18 B.Tech 2021-22 & 2022-23 passed out students only as mentioned below:

Degree	Total of maximum marks in all eight semesters	Grace marks to be added (0.50% of maximum marks)	Rounded marks (maximum)
B.Tech (R18) Regular students (For the A.Y 2021-22 & 2022-23 outgoing students only)	5900	29.50	30
B.Tech (R18) Lateral entry admitted students (For the A.Y 2021-22 & 2022-23 outgoing students only)	4600	23	23

There are several representations received from the B.Tech R18 students and their parents for adding the grace marks for all all Regular and Lateral entry students of R18 Regulations. In the present B.Tech R18 regulations there is no chance for subject exemption as it was available to B.Tech R15 and R16 Regulations.

In view of the above circumstances, the Vice-Chancellor is pleased to accord permission to the Director of University Examinations, JNTUH to add grace marks up to 0.50% of total marks for any number of theory subjects for all B.Tech R18 Regulations students (Regular and Lateral entry) as mentioned below:

Degree	Total of maximum marks in all eight semesters	Grace marks to be added (0.50% of maximum marks)	Rounded marks (maximum)
B.Tech (R18) Regular students	5900	29.50	30
B.Tech (R18) Lateral entry students	4600	23	23

Under the circumstances as stated above, the Vice-Chancellor is pleased to accord permission to the Director of University Examinations, JNTUH for adding the grace marks up to 0.50% for any number of theory subjects for all B.Tech R18 Regulations students (Regular and Lateral entry) (i.e maximum of 30 grace marks for regular and 23 grace marks for lateral entry students) and those who were admitted in previous regulations and completed final year in R18 regulations without subject exemption, who are eligible to get degree, subject to ratification by the Academic Senate /Executive Council.

These orders shall come into force with immediate effect for the students of JNTUH University Colleges, JNTUH Affiliated and Affiliated Autonomous Colleges.

  
REGISTRAR

To  
The Directorate of University Examinations/Controller of Examinations, JNTUH, Hyderabad.  
The Director, Academic & Planning, JNTUH, Hyderabad.  
Copy to the Principals of Constituent, Autonomous and Affiliated Colleges of JNTUH.  
Copy to PA to VC/Rector/Registrar, JNTUH.

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**PROCEEDINGS OF THE**  
**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
(Established by Govt. Act No. 30 of 2008)  
Kukatpally, Hyderabad – 500 085, Telangana (India)

---

Procds No. A1/2557/ XXXVIII SCAS/2018 (5)

Date: 30.08.2018

**Sub:** JNTUH, Hyderabad – Academic & Planning – Adding the grace marks for the students of R16 Regulations - Approval orders – Issued.  
**Read:** Resolution approved under table item No.04 in the Minutes of the Meeting of the XXXVIII Standing Committee of the Academic Senate held on 20.07.2018.

\*\*\*

**ORDER:**

The University Examination branch adds the grace marks, not exceeding 0.15% marks of the total marks to one or two subjects in which the student failed, if adding these grace marks helps the student to i) pass in these one or two failed subjects and ii) get eligibility to receive the degree. These grace marks shall be added only when the candidate submits an undertaking which is duly forwarded by the Principal of the concerned college.

The University introduced Choice-Based Credit System from the academic year 2016-17 onwards as R16 Academic Regulations. As per the R16 Regulations, in the marks memo of the student, only the letter grade and grade point are shown; the actual marks secured by the student are not shown. Hence the student does not know how many marks are required to pass the subject and student cannot apply for the grace marks.

Hence the matter was placed in the XXXVIII Standing Committee of the Academic Senate Meeting under table item no.4 for the suitable directions. The Academic Senate advised the Examination branch to notify all the eligible students, college-wise, after the declaration of every series of examinations. The benefit of grace marks shall be extended to only such students who submit their application cum undertaking for grace marks. All such student undertakings must be endorsed by the College Principal.

Under the circumstances as stated above, the Vice-Chancellor is pleased to approve to notify all the eligible students, college-wise, after the declaration of every series of examinations.

....2

The benefit of grace marks shall be extended only to students who submit their application cum undertaking endorsed by the Principal of the College for grace marks, subject to ratification by the Executive Council.

*for Subhans*  
REGISTRAR

To  
The Director of Evaluation and Controller of Examinations, JNTUH, Hyderabad.



**INSTITUTE OF AERONAUTICAL ENGINEERING**

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Dundigal, Hyderabad - 500 043

Circ

# **APPENDIX**

## **III**

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Web: www.jntuh.ac.in  
E Mail: manzoorejntu@gmail.com



**PROCEEDINGS OF THE**  
**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
(Established by Govt. Act No. 30 of 2008)  
Kukatpally, Hyderabad – 500085, Telangana, India

Present: Dr. M. Manzoor Hussain  
Registrar

Procs. No. A1/16/2023

Date: 15.12.2023

Sub: JNTUH, Hyderabad – Directorate of Academic Affairs – Relaxing the Promotion Rules and Approval of Grace Marks for certain regulations of B.Tech./B.Pharm./BBA. - Orders - Issued.

Ref: 1. Note Orders of the Hon'ble Vice-Chancellor dated, 15.12.2023.

\*\*\*

**ORDER:**

A proposal to relax the Promotion Rules and Approval of Grace Marks for certain regulations of B.Tech./B.Pharm./BBA is initiated and in this regard a meeting with some members of the Academic Senate is held on 13.12.2023 to discuss the proposal.

The members discussed relaxing the credit-based promotion criteria for R18 Regulations, R22 Regulations and also finalized the new promotion criteria given below:

**R22 B.Tech. Regulations Promotion Rules**

S. No.	Promotion	Earlier Conditions to be fulfilled	New Conditions to be fulfilled
1	First year first semester to first year second semester	Regular course of study of first year first semester.	Regular course of study of first year first semester.
2	First year second semester to Second year first semester	(i) Regular course of study of first year second semester. (ii) Must have secured at least 20 credits out of 40 credits i.e., 50% credits up to first year second semester from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.	(i) Regular course of study of first year second semester. (ii) Must have secured at least 10 credits out of 40 credits i.e., 25% credits up to first year second semester from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.
3	Second year first semester to Second year second semester	Regular course of study of second year first semester.	Regular course of study of second year first semester.
4	Second year second semester to Third year first semester	(i) Regular course of study of second year second semester. (ii) Must have secured at least 48 credits out of 80 credits i.e., 60% credits up to second year second semester from all the relevant regular and supplementary examinations,	(i) Regular course of study of second year second semester. (ii) Must have secured at least 20 credits out of 80 credits i.e., 25% credits up to second year second semester from all the relevant regular and



		whether the student takes those examinations or not.	<i>supplementary examinations, whether the student takes those examinations or not.</i>
5	Third year first semester to Third year second semester	Regular course of study of third year first semester.	<i>Regular course of study of third year first semester.</i>
6	Third year second semester to Fourth year first semester	(i) Regular course of study of third year second semester. (ii) Must have secured at least 72 credits out of 120 credits i.e., 60% credits up to third year second semester from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.	<i>Regular course of study of third year second semester.</i>
7	Fourth year first semester to Fourth year second semester	Regular course of study of fourth year first semester.	<i>Regular course of study of fourth year first semester.</i>

#### For B.Tech. Lateral Entry Students

S.No.	Promotion	Conditions to be fulfilled	<i>New Conditions to be fulfilled</i>
1	Second year first semester to second year second semester	Regular course of study of second year first semester.	<i>Regular course of study of second year first semester.</i>
2	Second year second semester to third year first semester	(i) Regular course of study of second year second semester. (ii) Must have secured at least 24 credits out of 40 credits i.e., 60% credits up to second year second semester from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.	<i>(i) Regular course of study of second year second semester. (ii) Must have secured at least 10 credits out of 40 credits i.e., 25% credits up to second year second semester from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.</i>
3	Third year first semester to third year second semester	Regular course of study of third year first semester.	<i>Regular course of study of third year first semester.</i>
4	Third year second semester to fourth year first semester	(i) Regular course of study of third year second semester. (ii) Must have secured at least 48 credits out of 80 credits i.e., 60% credits up to third year second semester from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.	<i>Regular course of study of third year second semester.</i>
5	Fourth year first semester to fourth year second semester	Regular course of study of fourth year first semester.	<i>Regular course of study of fourth year first semester.</i>

### R18 B.Tech. Regulations Promotion Rules

S.No.	Promotion	Earlier Conditions to be fulfilled	New Conditions to be fulfilled
1	First year first semester to first year second semester	Regular course of study of first year first semester.	Regular course of study of first year first semester.
2	First year second semester to second year first semester	(i) Regular course of study of first year second semester. (ii) Must have secured at least 18 credits out of 37 credits i.e., 50% credits up to first year second semester from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.	(i) Regular course of study of first year second semester. (ii) Must have secured at least 10 credits out of 37 credits i.e., 25% credits up to first year second semester from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.
3.	Second year first semester to second year second semester	Regular course of study of second year first semester.	Regular course of study of second year first semester.
4	Second year second semester to third year first semester	(i) Regular course of study of second year second semester. (ii) Must have secured at least 47 credits out of 79 credits i.e., 60% credits up to second year second semester from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.	(i) Regular course of study of second year second semester. (ii) Must have secured at least 20 credits out of 79 credits i.e., 25% credits up to second year second semester from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.
5	Third year first semester to third year second semester	Regular course of study of third year first semester.	Regular course of study of third year first semester.
6	Third year second semester to fourth year first semester	(i) Regular course of study of third year second semester. (ii) Must have secured at least 73 credits out of 123 credits i.e., 60% credits up to third year second semester from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.	Regular course of study of third year second semester.
7	Fourth year first semester to fourth year second semester	Regular course of study of fourth year first semester.	Regular course of study of fourth year first semester.

### R18 B.Tech. Lateral Entry Students

S. No.	Promotion	Conditions to be fulfilled	New Conditions to be fulfilled
1	Second year first semester to second year second semester	Regular course of study of second year first semester.	Regular course of study of second year first semester.
2	Second year second semester to third year first semester	(i) Regular course of study of second year second semester. (ii) Must have secured at least 25 credits out of 42 credits i.e., 60%	(i) Regular course of study of second year second semester. (ii) Must have secured at least 11 credits out of 42 credits i.e.,

		credits up to second year second semester from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.	<i>25% credits up to second year second semester from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.</i>
3	<b>Third year first semester to third year second semester</b>	Regular course of study of third year first semester.	<i>Regular course of study of third year first semester.</i>
4	<b>Third year second semester to fourth year first semester</b>	(i) Regular course of study of third year second semester. (ii) Must have secured at least 51 credits out of 86 credits i.e., 60% credits up to third year second semester from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.	<i>Regular course of study of third year second semester.</i>
5	<b>Fourth year first semester to fourth year second semester</b>	Regular course of study of fourth year first semester.	<i>Regular course of study of fourth year first semester.</i>

#### **R17 B.Pharm. Regulations Promotion Rules**

S.No.	Promotion	Earlier Conditions to be fulfilled	<i>New Conditions to be fulfilled</i>
1	First year first semester to first year second semester	Regular course of study of first year first semester.	<i>Regular course of study of first year first semester.</i>
2	First year second semester to second year first semester	(i) Regular course of study of first year second semester. (ii) Must have secured at least 24 credits out of 48 credits i.e., 50% of credits up to first year second semester from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.	<i>(i) Regular course of study of first year second semester. (ii) Must have secured at least 13 credits out of 49 credits i.e., 25% of credits up to first year second semester from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.</i>
3.	Second year first semester to second year second semester	Regular course of study of second year first semester.	<i>Regular course of study of second year first semester.</i>
4	Second year second semester to third year first semester	(i) Regular course of study of second year second semester. (ii) Must have secured at least 58 credits out of 96 credits i.e., 60% of credits up to second year second semester from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.	<i>(i) Regular course of study of second year second semester. (ii) Must have secured at least 26 credits out of 101 credits i.e., 25% of credits up to second year second semester from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.</i>
5	Third year first semester to third year second semester	Regular course of study of third year first semester.	<i>Regular course of study of third year first semester.</i>

6	Third year second semester to fourth year first semester	(i) Regular course of study of third year second semester. (ii) Must have secured at least 86 credits out of 144 credits i.e., 60% of credits up to third year second semester from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.	<i>Regular course of study of third year second semester.</i>
7	Fourth year first semester to fourth year second semester	Regular course of study of fourth year first semester.	<i>Regular course of study of fourth year first semester.</i>

#### **R17 B.Pharm. Lateral Entry Students**

S. No	Promotion	Earlier Conditions to be fulfilled	New Conditions to be fulfilled
1	Second year first semester to second year second semester	Regular course of study of second year first semester.	<i>Regular course of study of second year first semester.</i>
2	Second year second semester to third year first semester	(i) Regular course of study of second year second semester. (ii) Must have secured at least 29 credits out of 48 credits i.e., 60% of credits up to second year second semester from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.	<i>(i) Regular course of study of second year second semester. (ii) Must have secured at least 13 credits out of 52 credits i.e., 25% of credits up to second year second semester from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.</i>
3	Third year first semester to third year second semester	Regular course of study of third year first semester.	<i>Regular course of study of third year first semester.</i>
4	Third year second semester to fourth year first semester	(i) Regular course of study of third year second semester. (ii) Must have secured at least 58 credits out of 96 credits i.e., 60% of credits up to third year second semester from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.	<i>Regular course of study of third year second semester.</i>
5	Fourth year first semester to fourth year second semester	Regular course of study of fourth year first semester.	<i>Regular course of study of fourth year first semester.</i>

Autonomous Colleges can adopt the above rules after approval by Governing Body Members.

  
**REGISTRAR**

To  
The Director, DUEX, JNTUH, Hyderabad.



**INSTITUTE OF AERONAUTICAL ENGINEERING**

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Annex

**COMPETENCY BUILDING VISIT**

**ANNEXURE - I**



# **INSTITUTE OF AERONAUTICAL ENGINEERING**

(Autonomous)

Dundigal, Hyderabad - 500 043

## **COMPETENCY BUILDING VISIT**

### **VISIT TO UNITED STATES OF AMERICA (USA)**

#### **Report**

#### **Faculty Travelled:**

1. Dr. L. V. Narasimha Prasad  
Principal and Professor of CSE
2. Dr. Y. Pandu Rangaiah  
Dean IQAC and Associate Professor of ECE

#### **Duration of Visit:**

19 November, 2024 to 29 November, 2024

#### **Universities Visited:**

1. Purdue University, West Lafayette, Indiana, United States
2. University of Toledo, Ohio, United States

#### **Purpose of Visit:**

##### **Purdue University**

- To understand EPICS Process and discussion on EPICS Consortium – India
- To Explore EPICS facilities
- To Know the EPICS Design review process and next steps
- To Explore possible collaborations

##### **Toledo University**

- To establish research possible collaborations
- Capstone joint design projects

## **Visit to Purdue University, West Lafayette, IN - 22 November, 2024**

### **Purdue University: EPICS Program**

EPICS stands for Engineering Projects In Community Service. It's a unique program where teams of undergraduate students collaborate with local and global community organizations to address real-world human, community, and environmental needs.

#### **Key Components:**

1. **Service-Learning:** Students apply their engineering knowledge to design and implement solutions that directly benefit the community.
2. **Teamwork:** Students work in multidisciplinary teams, fostering collaboration and leadership skills.
3. **Real-World Impact:** Projects tackle authentic challenges faced by community partners, providing tangible results.
4. **Personal Growth:** Students develop critical thinking, problem-solving, communication, and project management skills.

#### **Potential Projects:**

1. **Accessibility:** Designing assistive technologies for people with disabilities.
2. **Education:** Developing interactive learning tools and STEM outreach programs.
3. **Environment:** Creating sustainable solutions for waste management, renewable energy, and water conservation.
4. **Healthcare:** Improving healthcare access and quality in underserved communities.
5. **Infrastructure:** Enhancing community infrastructure through innovative engineering solutions.

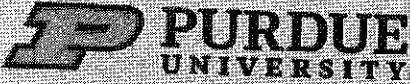
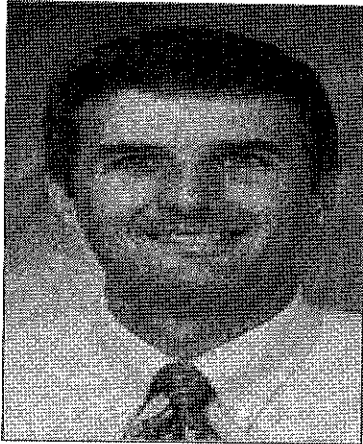
#### **Features:**

1. **Experiential learning:** Learning by designing and testing technology solutions for real stakeholders.
2. **Multi-Disciplinary:** All majors are welcome to foster diversity of Ideas, strengths and interests.
3. **Vertically Integrated:** Teams include first year students, sophomores, juniors and seniors.
4. **Curricular:** Students can earn credit over multiple semesters.

**Interacted with EPICS Team:**

**Dr. William Oakes, Director of EPICS**

William (Bill) Oakes is Assistant Dean for Experiential Learning, Director of the EPICS Program, and a 150th Anniversary Professor and one of the founding faculty members of the School of Engineering Education at Purdue University. He is a leader in community engagement, conducting more than 100 workshops, publishing articles and contributing to nine books including co-authoring the first text for engineering service-learning.




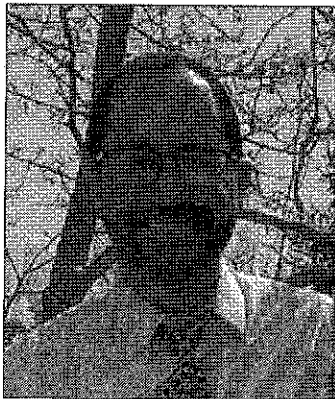
College of Engineering

**William (Bill) Oakes, P.E.**  
*Associate Dean for Undergraduate Education  
150<sup>th</sup> Anniversary Professor  
Professor of Engineering Education*

Neil Armstrong Hall of Engineering +1 (765) 418-8029  
701 West Stadium Avenue, Room 3009 oakes@purdue.edu  
West Lafayette, IN 47907 <https://engineering.purdue.edu>

**Jorge Martinez, Outreach Program Manager, EPICS University**

Jorge Martinez joined EPICS in 2017 after working 20 years in manufacturing, engineering, and management. Throughout his career, Jorge has collaborated in project management, product development, process engineering, and quality assurance across continents.



EPICS

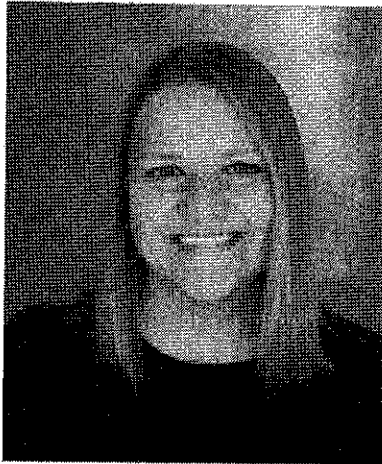
**Jorge Martinez**  
*Outreach Program Manager  
EPICS University Consortium*

Neil Armstrong Hall of Engineering martinezj@purdue.edu  
701 W Stadium Ave, 1132 Office: 765-494-0629  
West Lafayette, IN 47907 Cell: 574-214-9450  
[www.purdue.edu/epics](http://www.purdue.edu/epics) Fax: 765-494-0052

His current role supports sharing EPICS with national and international higher-education institutions, coordination of multi-university projects and activities, and building partnerships with corporations and organizations. Jorge helps developing and implementing strategies for fund raising and engagement.



**Robyn Jakes, *Lead Outreach Program Manager***

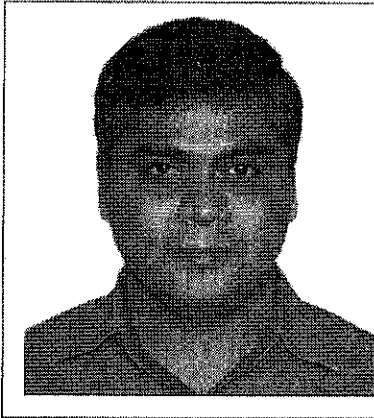


**Contact Information**

Office: ARMS 2219  
Phone: +1 765 49-44094  
E-mail: [rjakes@purdue.edu](mailto:rjakes@purdue.edu)  
School of Materials Engineering  
Neil Armstrong Hall of Engineering  
701 West Stadium Avenue  
West Lafayette, IN 47907-2045

**Kantha Muthangi, Adjunct Director of EPICS India:**

Kantha Muthangi joined the EPICS team in August 2023 as Adjunct Director of EPICS India. Muthangi is also Adjunct Accreditation Director for ABET in India and has previously collaborated with the EPICS University Consortium as representative of the Indo Universal Collaboration for Engineering Education (IUCEE). Muthangi is engaging Indian Institutions to join the consortium and adopt EPICS' core values and attributes.

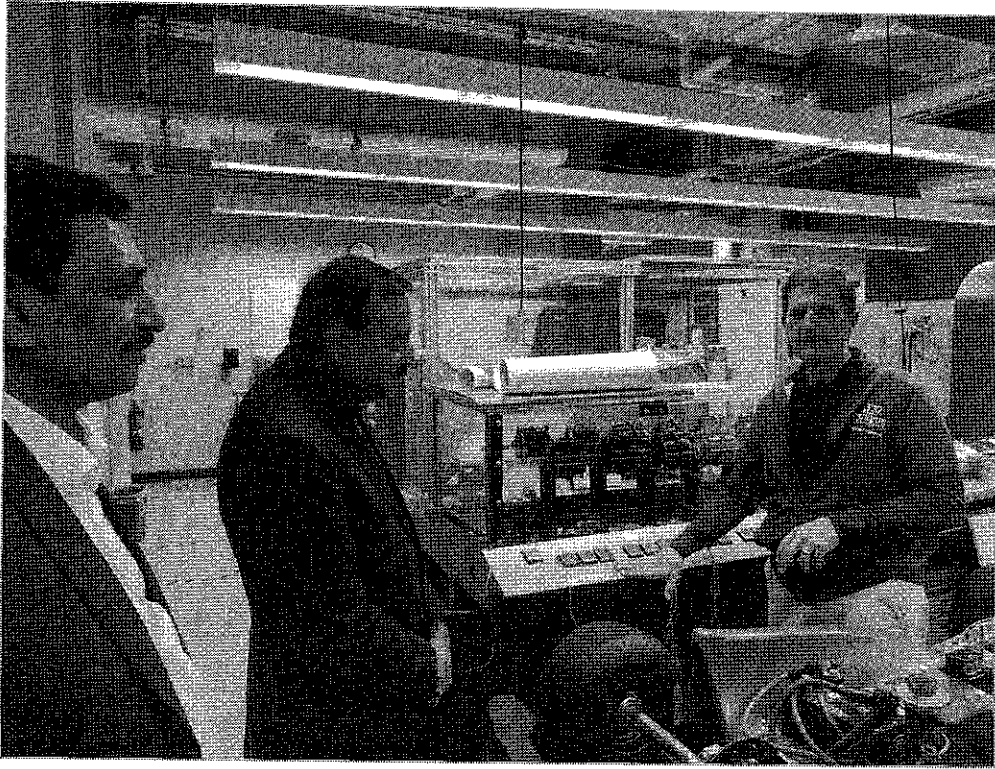


**Contact information**

Kantha Muthangi  
Adjunct Director of EPICS - India  
Email : [kanthareddy\\_m@yahoo.com](mailto:kanthareddy_m@yahoo.com)  
Mobile : +91 9866577393

**Interacted with the EPIC team and discussed the following points:**

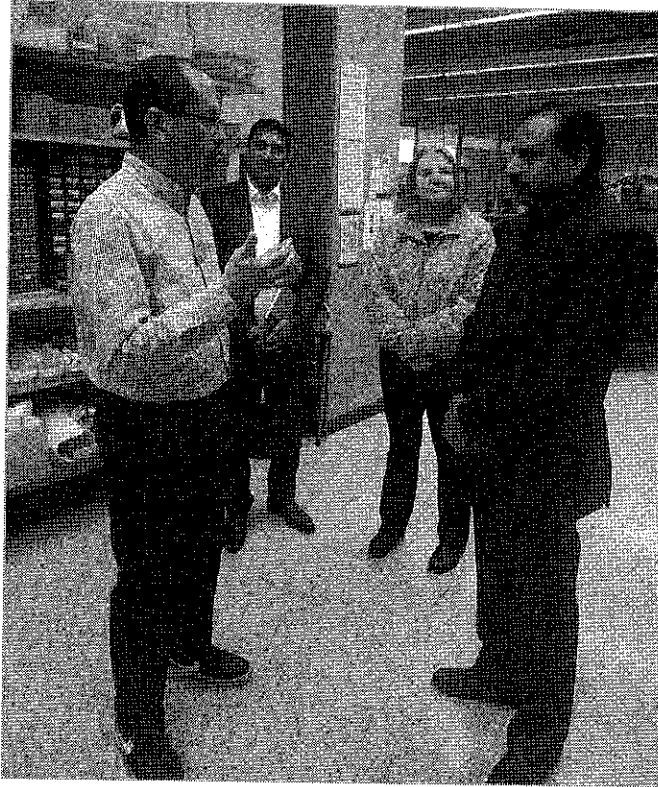
- Overview of EPICS
- Procedure to enrol EPICS Consortium institution with Purdue university
- Facilities for EPICS at Purdue university
- EPICS design process model
- EPICS design review evaluation
- EPICS in IEEE
- Students summer internships in project-based community – engaged design process during May 25, 2025 – June 14, 2025.



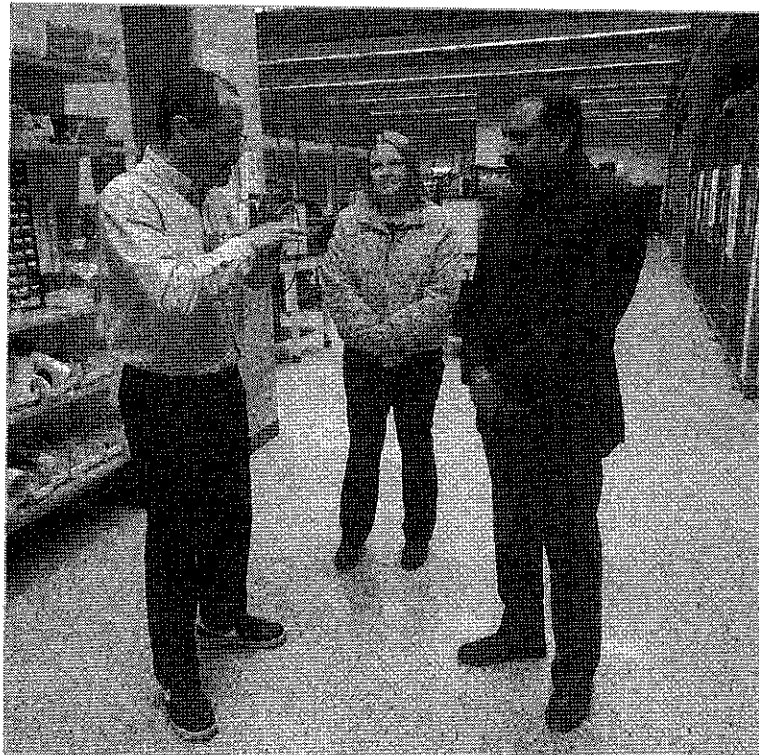
**Figure: 1 Meeting with Delegates**



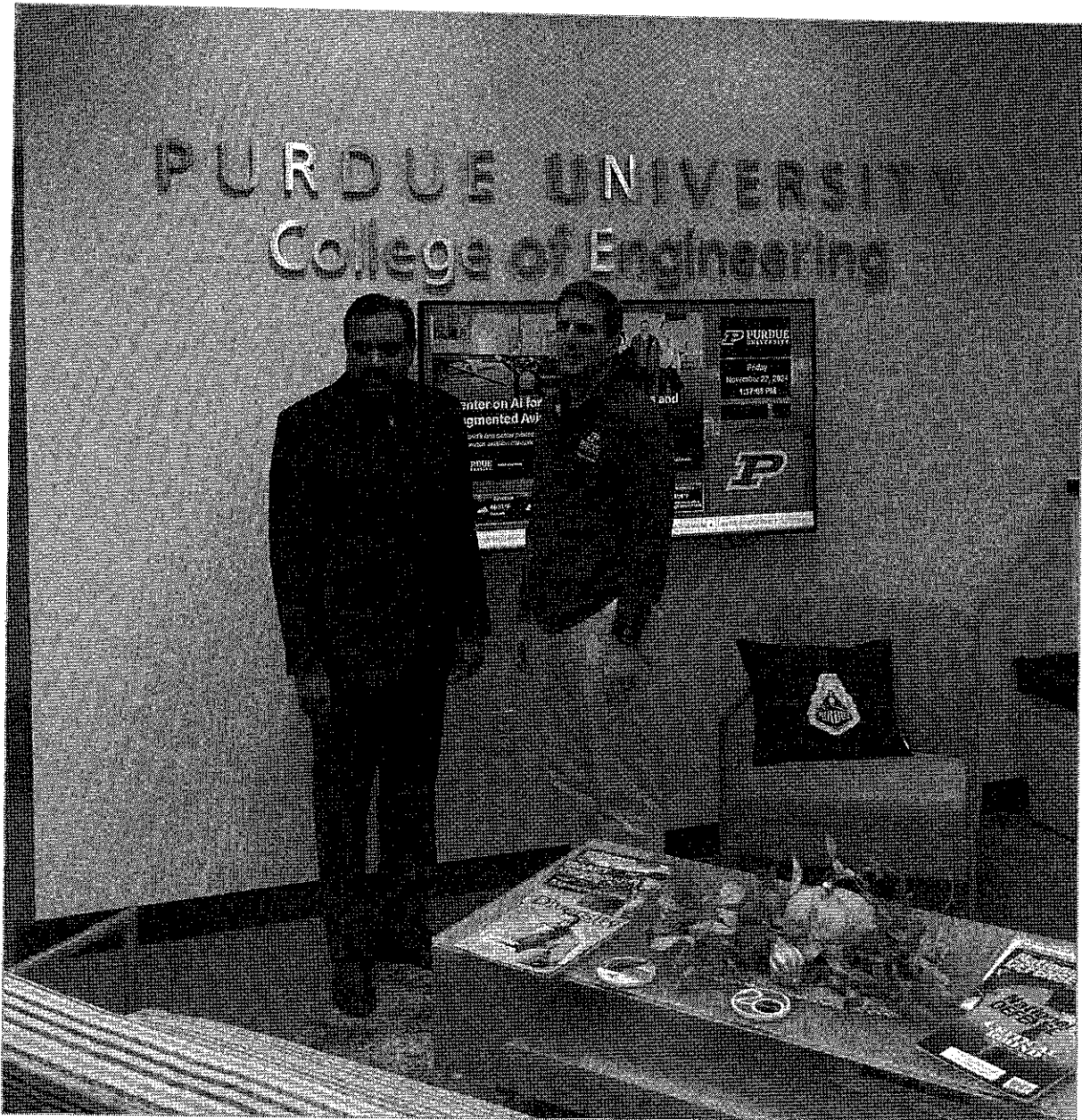
**Figure: 2 Meeting with Delegates**



**Figure: 3 Discussion with Delegates**



**Figure: 4 Discussion with Delegates**



**Figure: 5 Discussion with Delegates**

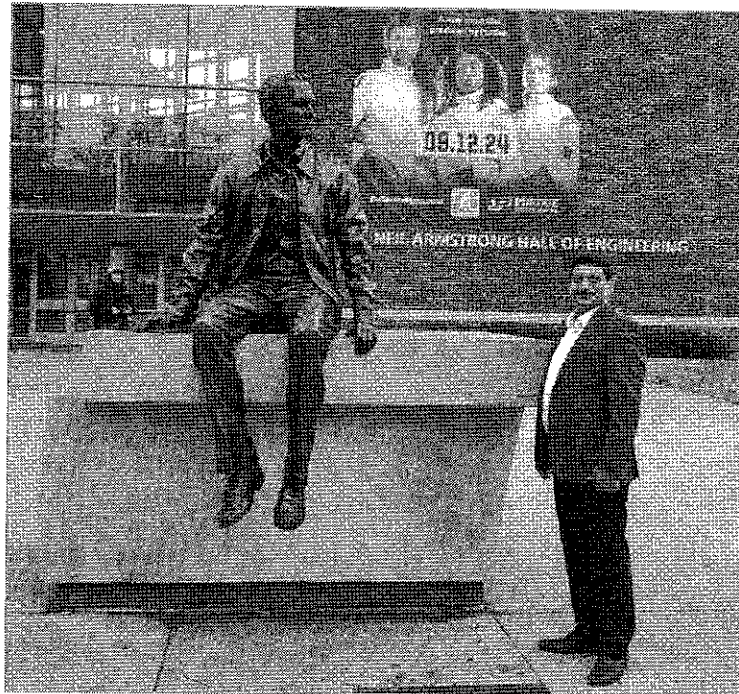
## **BENEFITS TO THE STUDENTS OF EPICS PROGRAM**

### **Professional Skills**

- Design experience
- Project planning
- Teamwork and leadership
- Customer awareness
- Understanding of ethical, economic, and legal issues
- Community engagement
- Make a difference!



**Figure: 6** visiting of Student Activity Learning Center



**Figure: 7** Visit Neil Armstrong Building

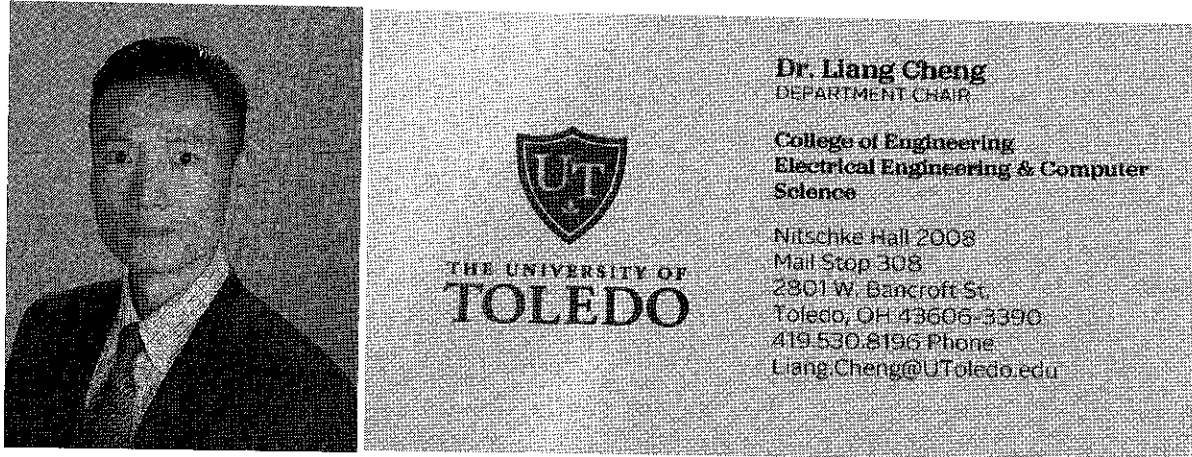
**Outcome of the visit:**

- Got an opportunity for the students to participate in a 3-week long summer internship
- Undergraduate experience in project-based, community-engaged
- Design process at Purdue university on-campus during May 25, 2025 – June 14, 2025.

## Visit to the university of Toledo, Ohio - 23 November, 2024

### Interacted with Department Chairs:

#### Dr. Liang Cheng, Department chair

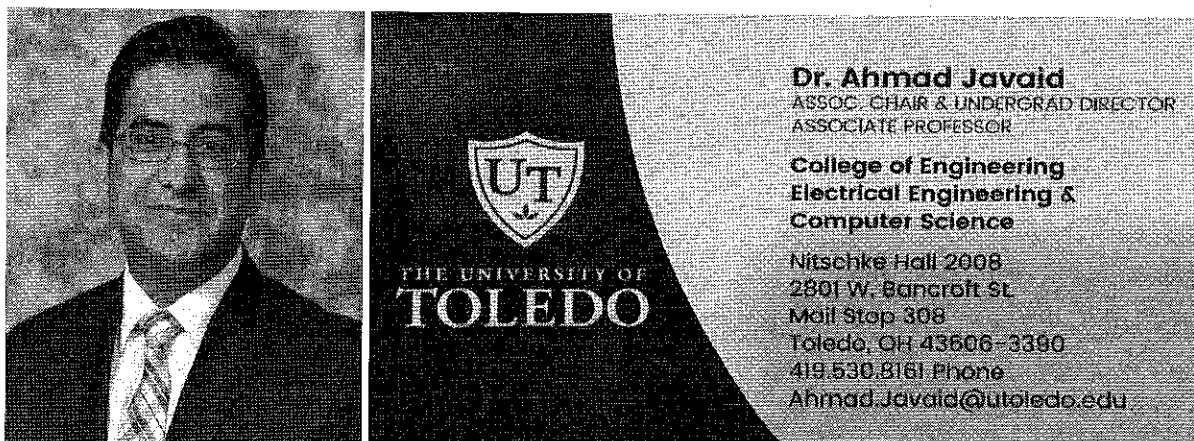


Dr. Liang Cheng has been the Department Chair and Professor of the Department of Electrical Engineering and Computer Science since he joined the University of Toledo in 2021. The department has about 700 undergraduate, Master's and Ph.D. students majoring in CS, CSE, and EE.

Dr. Cheng has been conducting research with a team of talented students and postdocs and authored/co-authored more than 100 papers and technical reports, including a best paper, a best paper award nomination, and papers in premium conference/journals.

Dr. Cheng has led more than 20 sponsored research projects and been PI or Co-PI of expert teams for over \$30M in funding from in variety of sources, including DARPA, DOE, DOT, NSF, PA state agency, and industry partners. His expertise includes AI/ML applications, CPS (e.g. autonomous drones and energy systems), Cybersecurity, Intelligent Infrastructure (e.g. transportation systems and underground sensing), Middleware, and Networking.

#### Dr. Ahmad Javaid, Associate chair



Dr. Ahmad Javaid an Associate Professor in the EECS Department at The University of Toledo and Founder and Director of the Cyber Security and Teaming Research (CSTAR)

Laboratory and co-director of the Advanced Computing Research Laboratory. He also serve as the Cyber Education and Cyber Threat Mitigation Faculty Fellow within the Division of Technology & Advanced Solutions (DTAS) at the University of Toledo since August 2018.

His research interests are:

- Cybersecurity of drone (UAV) networks, smartphones, wireless sensor networks
- Android forensics.
- Human-machine teaming/cooperation
- Simulation, modelling, analysis, and mitigation of cyber attacks.
- Deep-learning and pattern analysis based cyber-attack detection for traditional, software-defined, and mobile networks.
- Multi-modal data fusion applications – attack detection, emotion recognition, and robotic arm control.

**Points discussed with Chair and Associate Chair:**

- Capstone project implementation
- Conduction of Hackathons for students
- Conduction of laboratories in regular sessions
- Capstone project collaborations between IARE and Toledo university students
- Support in standardisation of laboratory experiments for CSE allied branches.
- Faculty internships on high impact projects
- Student summer internship programs
- Project mentoring ship
- Collaborated research project proposals of India – USA



**Figure: 8 At Donor Appreciation Wall**

**Outcomes:**

- Dr. Liang Cheng accepted to allocate senior and research blended faculty members to act as project mentors for our capstone / summer research internship projects.
- Accepted to do two to three collaborated projects from IARE and Toledo students initially.
- Accepted to interact with our faculty members in on line mode meetings to enhance latest trends in CSE branch.
- Accepted to go for collaborated research proposals.
- Permission for both faculty and students to participate in summer internship on Cyber security.





**INSTITUTE OF AERONAUTICAL ENGINEERING**

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Annex

**CONFERENCE DETAILS**

**ANNEXURE - II**



# **INSTITUTE OF AERONAUTICAL ENGINEERING**

**(Autonomous)**

Dundigal, Hyderabad - 500 043

## **ATTENDING CONFERENCE AND NETWORK BUILDING VISIT**

### **VISIT TO BALI (INDONESIA)**

#### **Report**

#### **Faculty Travelled:**

1. Dr. L. V. Narasimha Prasad  
Principal and Professor of CSE
2. Dr. Y. Pandu Rangaiah  
Dean IQAC and Associate Professor of ECE

#### **Duration of Visit:**

- 03 December, 2024 to 06 December, 2024

#### **Purpose of Visit:**

Discuss with the conference chair the possibility of hosting the upcoming international conference at our institute.

#### **Networking with Professors from different international universities**

- Dr. Nawshad Haque, CSIRO, Australia
- Prof. Firoz Alam, RMIT University, Australia (IECP General Chair)
- Dr. Harun Chowdhury, ASEP Australia (ICEP Secretary)
- Prof. Mamdud Hossain, Robert Gordon University, UK
- Prof. Yingai Jin, Jilin University, China
- Dr. Akshoy Ranjan Paul, MNNIT Allahabad

### **About Conference:**

The 5<sup>th</sup> International Conference on Energy and Power (ICEP2024) hosted in collaboration between the University of Bengkulu and the University of Udayana, in association with the Australian Society of Energy and Power (ASEP), from 4 December to 6 December 2024 in Bali, Indonesia.



**Figure 1: Participants of the conference**

### **Interaction with Dr. Nawshad Haque:**

**Dr. Nawshad Haque**, is the principal Research Scientist in Commonwealth Scientific and Industrial Research Organization (CSIRO), Australia. Leader of India-Australia Minerals Scholar Network.

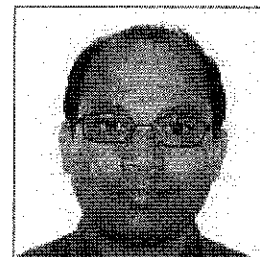
His areas of interests are Hydrogen energy systems, techno-economic and life cycle assessment, flow sheeting, mineral processing, e-waste processing, Mine to Metal production.

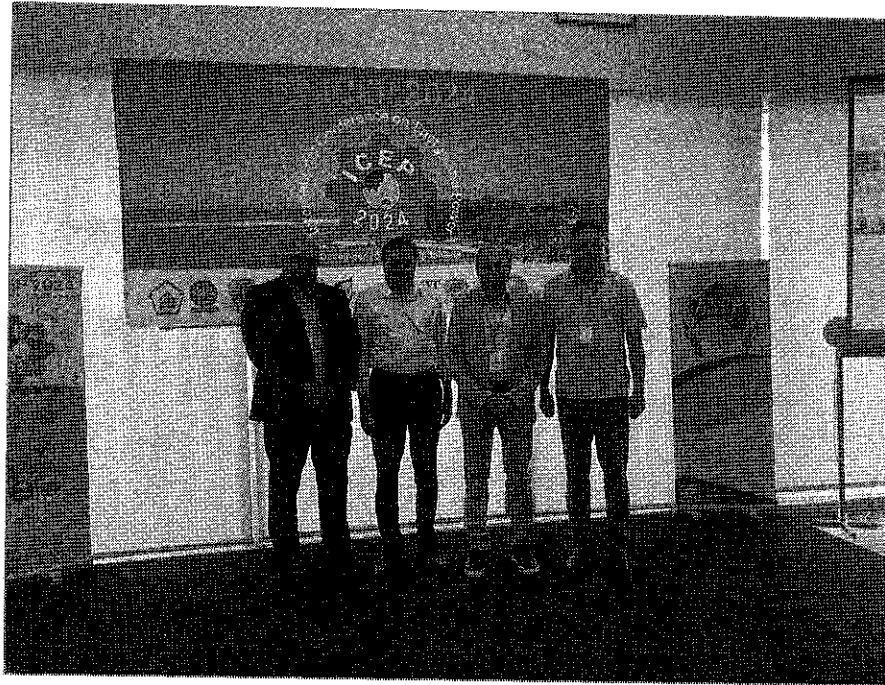
He is having lot of CSIRO funds to support student internships, student scholarships for MS program, Ph.D program, Faculty post-doctoral program and collaborative research work.

Dr. L V Narasimha Prasad had a personal interaction with Dr. Nawshad Haque and discussed on joint research project collaborations on hydrogen gas and e-waste processing. Meeting was so fruitful and Dr. Haque expressed his willingness to support fund for collaborative research projects and student internships at CSIRO, Australia.

### **Contact information:**

Dr. Nawshad Haque  
Principal Research Scientist  
India Australia MSN program leader  
CSIRO, Australia  
Mobile : +61395458931  
Email : [nawshad.haque@csiro.au](mailto:nawshad.haque@csiro.au)





**Figure 2: Meeting with Delegates**

**Interaction with Prof. Mamdud Hossain, Robert Gordon University:**

Mamdud Hossain is a Professor of Future Energy Technology at the School of Engineering of Robert Gordon University and is leading the Energy Research Group.

Robert Gordon University stood 1<sup>st</sup> in Scotland and 2<sup>nd</sup> in UK in the graduate employment rate measure from QS Graduate Employability Rankings.

His area of research includes, applying computational modelling techniques to solve some of the most challenging and interesting problems related to hydrogen and fuel cell, tidal, wave and wind energy, multi-phase flows for oil and gas industry and aerosols transport from human expiratory activities. His research has been funded through the NetZero Technology Centre, Oil and Gas Innovation Centre, Northern Research Partnership, Innovate UK and the Carnegie Trust and many industries. He is a Science Board member of EPSRC Hydrogen and Fuel Cell Supergen Hub.

**He is also member of:**

- Editorial Board Member, Energies, MDPI.
- Editor of Special Issue: Multiphase Flows for Renewable Energy, Energies, MDPI.
- External PhD Examiner for Loughborough University (2010, 2013, 2014), Northumbria University (2013, 2017, 2018), Cranfield University (2014, 2015, 2021), University of Aberdeen (2020), University of Central Lancashire (2020), University of Salford (2021), UPES, India (2021).
- Reviewer of international research councils – India, Bangladesh

Dr. Mamdud Hossain presented a talk at the conference on his ongoing project how to control the temperature inside of a house at a constant temperature irrespective of summer and winter seasons. The project was under implementation stage which was very successful.

Dr. L V Narasimha prasad had a discussion with Dr. Mamdud Hossain about the project and to implement the same in india which is exactly suitable to our climate conditions like extreme high temperatures during summer time and extreme low temperatures during winter seasons. As he is the

research council member of india – Bangladesh expressed his willingness to have collaborative research proposals and projects.

**Contact information:**

Prof. Mamdud Hossain  
Professor of Future Energy Technology  
Robert Gordon University, Scotland  
Email: m.hossain@rgu.ac.uk



**Figure 3: Meeting with Delegates**

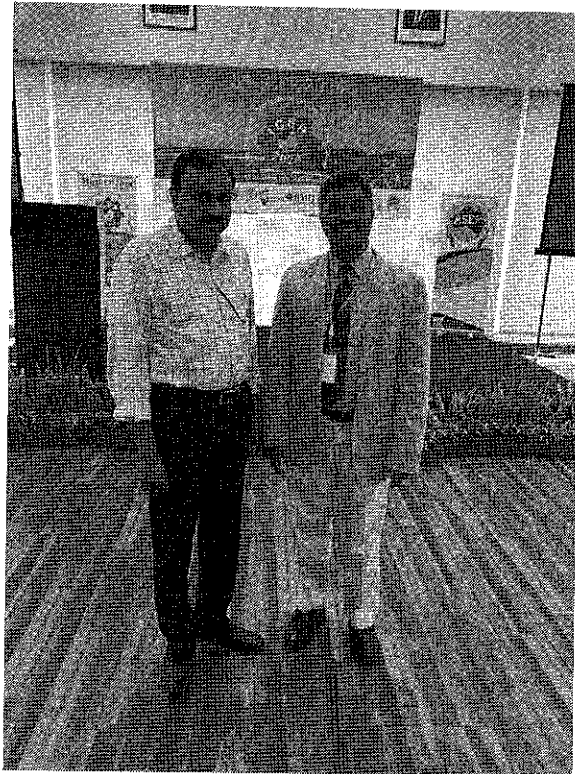
**Interaction with Prof. Firoz Alam, RMIT University, Australia:**

**Prof. Firoz Alam**, is the General Chair of this conference who is the Deputy Head of School, School of Aerospace, Mechanical & Manufacturing Engineering, RMIT University, Australia.

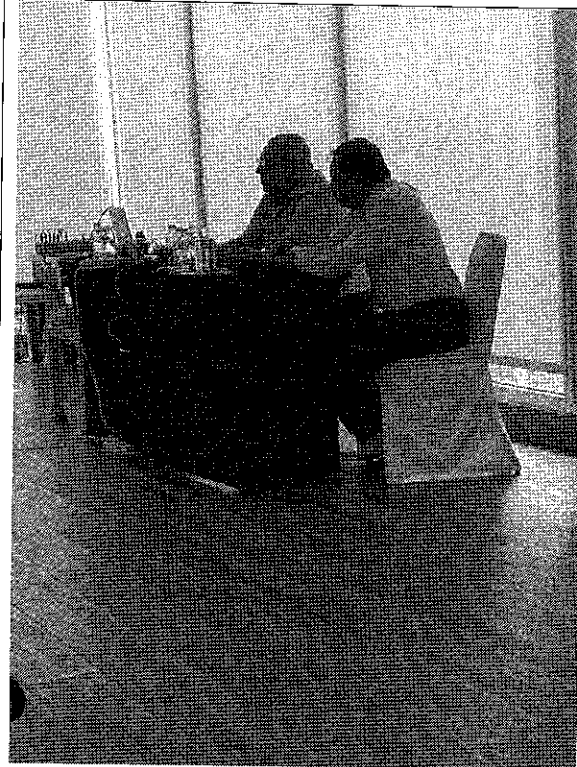
Prof. Firoz Alam is very active person with whom we already associated as part of MOU with RMIT University, Australia. During this conference we had enough time to discuss with him about promotion of research activities and current research topics in RMIT University and the possibilities of collaborative research and chances of getting this conference to host in india at our college premises.

He is very positive in all above discussions and expressed his willingness to extend his fullest co operation with our institute to promote research activities for both students and faculty.

Prof. Firoz Alam research interests are Mechanical Engineering, Aerospace Engineering, Applied Mathematics, Interdisciplinary Engineering, Automotive Engineering, Education Systems.



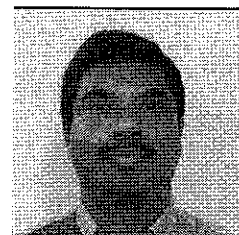
**Figure 4: Meeting with Professor Firoz Alam**



**Figure 5: Acted as Conference chair in conference**

**Contact information:**

Prof. Firoz Alam  
Deputy Head of School,  
School of Aerospace, Mechanical & Manufacturing Engineering,  
RMIT University, Australia  
Email: firoz.alam@rmit.edu.au



**Interaction with Dr. Harun Chowdhury, ASEP Australia:**

Dr. Harun Chowdhury, ASEP Australia is the secretary of this ICEP conference who is the key person behind this conference take care of all facilities to both technical and non-technical to organize the conference in very systematic and organized way. He made himself all the arrangements to go this conference in hybrid mode without any disturbance.

He is the responsible person for collecting and managing funds, event planning, acting as guest editor for the conference proceedings, volunteering as conference secretary, and performing peer reviews on hundreds of submitted articles for the International Conference on Energy and Power (ICEP).

Dr. Chowdhury is renowned expert in the field of aerodynamics, with a focus on various areas such as road vehicles, trains, wind turbines, turbomachinery, buildings and sports. He is also well-versed in conventional and renewable energy, engineering education, curriculum design, quality assurance and accreditation. He is the co-founder and vice president of the Australian Society of Energy and Power (ASEP) and has a proven track record of organizing several international conferences.

Interacted with Prof. Chowdhury to know the procedures, formalities and technicality to organize an international conference at our organization.

**Contact information:**

Dr. Harun Chowdhury  
ABSCUBE Engineering & Education Services Pty Ltd (Australia)  
RMIT University, Australia  
Email: harun.chowdhury@rmit.edu.au



**Interaction with Dr. Akshoy Ranjan Paul, MNNIT Allahabad:**

Dr. Akshoy Ranjan Paul is the contact person for us from India who take care of us to happen the network with all above professors.

Dr. Akshoy given roadmap to us to increase research collaborations and India – Australia collaborated research projects and how to attract CSIR funds from Australia.

**Contact information:**

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**Figure 5: Meeting with Delegates**

**Outcome of the visit:**

1. Opportunity to host international conference at our organization in collaboration with Australian Society of Energy and Power (ASEP).
2. Opportunity to attract Commonwealth Scientific and Industrial Research Organization (CSIRO), Australia funds under India – Australia collaborative research projects.
3. Faculty and student Research collaborations with CSIRO -Australia
4. Research proposals and collaborations with Robert Gordon University, Scotland.
5. Opportunity to explore scholarships for student internship, MS Program, PhD programs, Faculty post-doctoral program and collaborative research work.





**INSTITUTE OF AERONAUTICAL ENGINEERING**

**(Autonomous)**

Dundigal, Hyderabad - 500 043

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**BRANCH WISE UPDATED PLACEMENTS - 2024**

**ANNEXURE - III**



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal - 500 043, Hyderabad, Telangana

## Branch wise placement details of 2024 pass out students.

### Branch Wise Statistics

The chairperson presented the updated placement details of 2024 pass out students and also shared the information about branch wise selected students. The following table depicts branch wise student placements, average salary and highest salary details. The following Table 1 and 2 depicts the branch wise placement statistics.

S.No	Branch	No of Registrations	Total Offers	Unique Offers	Placed (%)	Average Salary (LPA)	Highest Salary (LPA)
1	CSE	225	182	157	69.78	5.30	23.5
2	IT	116	87	73	62.93	5.06	12.6
3	CSE (AI&ML)	53	55	41	77.36	6.40	23.5
4	CSE (DS)	55	48	37	67.27	5.05	9.50
5	CSE (CS)	40	25	22	55.00	5.00	10.0
6	CSIT	48	40	35	72.92	5.10	19.5
7	ECE	153	97	87	56.86	5.07	12.6
8	EEE	41	26	25	60.98	3.59	6.50
9	ME	20	19	16	80.00	3.15	4.50
10	AE	22	21	18	81.82	4.00	9.0
11	CE	17	3	3	17.65	4.50	4.50
<b>Total</b>		<b>790</b>	<b>603</b>	<b>514</b>	<b>65.06</b>	<b>5.00</b>	<b>23.5</b>

**Table: 1 Branch wise updated placement statistics**

LPA	IARE (2024) *	IARE (2023)	IARE (2022)
₹40 >=	0	0	0
₹20 - ₹40	3	0	7
₹15 - ₹20	4	7	1
₹10 - ₹15	9	16	13
₹8 - ₹10	42	57	51
₹7 - ₹8	43	30	43
₹6 - ₹7	16	99	202
₹5 - ₹6	8	199	43
<₹5	478	665	1353
Total	603	1073	1713

**Table: 2 Salary wise statistics**

**PAT OFFICER**