



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad – 500 043

## MINUTES OF TENTH MEETING OF THE ACADEMIC COUNCIL HELD ON 19 NOVEMBER, 2020

The Tenth Meeting of the Academic Council was held at 10:30 AM on 19 November, 2020 (Thursday) through virtual environment (Zoom Online Platform).

Dr. L V Narasimha Prasad, Chairperson of the Academic Council of 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. N V Ramana	Professor of Electrical and Electronics Engineering and Principal, J N T University College of Engineering Jagtial, Jagtial	JNTUH Nominee
3	Dr. B Dean Kumar	Professor of Civil Engineering J N T University Hyderabad, Hyderabad	JNTUH Nominee
4	Dr. V Kamakshi Prasad	Professor of Computer Science and Engineering and Director of Evaluation, J N T University Hyderabad	Member
5	Dr. P Gowri Sankara Rao	Director, Department of Chemicals & Petrochemicals Shastri Bhawan, New Delhi	Member
6	Mr. C Praveen Reddy	CEO and Managing Director, Automotive Robotics Engineering Services (India) Pvt. Ltd., Secunderabad	Member
7	Dr. D Govardhan	Professor and Head, Aeronautical Engineering	Member
8	Dr. M Madhubala	Professor and Head, Computer Science and Engineering	Member
9	Dr. C Raghavendra	Associate Professor and Head, Information Technology	Member
10	Dr. P Sridhar	Professor and Head, Electrical and Electronics Engineering	Member
11	Dr. P Ashok Babu	Professor and Head, Electronics and Communication Engineering	Member
12	Dr. B D Y Sunil	Professor and Head, Mechanical Engineering	Member
13	Dr. U Vamsi Mohan	Professor and Head, Civil Engineering	Member
14	Dr. J Suresh Goud	Professor and Head, Freshman Engineering	Member
15	Dr. T Vara Lakshmi	Professor and Head, Master of Business Administration	Member
16	Dr. V Siva Nagaraju	Associate Professor, Electronics and Communication Engineering	Member



17	Prof. V V S Haranadh Prasad	Professor, Mechanical Engineering	Member
18	Dr. D Shobha Rani	Professor, Electrical and Electronics Engineering	Member Secretary

The following member could not attend the meeting:

S No	Members	Designation	Category	Remarks
1	Dr. B Venkateswara Rao	Professor of Water Resources J N T University Hyderabad, Hyderabad	JNTUH Nominee	Minutes Communicated <i>B. Veni</i>
2	Dr. M Anji Reddy	Professor of Centre of Environment, J N T University Hyderabad, Hyderabad	Member	Minutes Communicated
3	Dr. M Purushotham Reddy	Associate Professor, Computer Science and Engineering	Member	Minutes Communicated <i>M.P.R.</i>

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

**Item No.1 Confirm and ratify the minutes of Ninth Academic Council meeting held on 27 Aug, 2020**

**Resolution:** The house confirmed and ratified the minutes of 9<sup>th</sup> Academic Council meeting.

**Item No.2 To report on action taken on the minutes of Ninth Academic Council meeting held on 27 August, 2020**

Principal apprised and presented the action taken in accordance with the resolutions / suggestions made,

- Industry experts were invited as BoS members for the new courses from the current semester to fill the gap between the industry and Academia.
- Developing online E-resources
- Laboratory sessions / video records of the computer-based experiments has been provided to the students through virtual environment.

**Resolution:** The members of Academic Council accepted the Action Taken Report of the minutes of Ninth Academic Council meeting.

**Item No.3 Ratification of the students, faculty, employer and alumni feedback**

The Principal presented the analysis on the feedback collected from students, faculty, employer and alumni on the curriculum for the Academic Year 2019 - 2020. The Action Taken Report based on the feedback is presented for their perusal.

**Resolution:** Resolved to approve the action taken report of feedback collected for the academic year 2019 - 2020, enclosed in Annexure A.

**Item No. 4 Note on B.Tech - UG.20, Academic Regulations of B.Tech Program under Choice Based Credit System**

The chairperson elaborated and presented the academic regulations of UG.20 under Choice Based Credit System (CBCS). After deliberate discussions, it is proposed to incorporate the followings in the regulations based on the recommendations of the board. The updated and approved academic regulations are enclosed in Annexure - I.



#### 4.1. Credit based Academic Promotion Policies

1. A student shall be promoted from II semester to III semester only if s/he fulfills the academic requirements of securing 50% of the total credits (rounded to the next lowest integer) up to I Sem or 50% of the total credits (rounded to the next lowest integer) up to II Sem from all the examinations, whether the candidate takes the examination(s) or not.
2. A student will not be promoted from IV Sem to V Sem unless s/he fulfills the academic requirement of securing 60% of the total credits (rounded to the next lowest integer) upto III Sem or 60% of the total credits (rounded to the next lowest integer) up to IV Sem, from all the examinations, whether the candidate takes the examination(s) or not.
3. A student shall be promoted from VI semester to VII semester only if s/he fulfills the academic requirements of securing 60% of the total credits (rounded to the next lowest integer) up to V Sem or 60% of the total credits (rounded to the next lowest integer) up to VI Sem from all the examinations, whether the candidate takes the examination(s) or not.

#### 4.2. Award of Degree

A student with final CGPA (at the end of the undergraduate programme)  $\geq 8.00$ , and fulfilling the following conditions - shall be placed in 'first class with distinction'. However,

- (a) Should have passed all the courses in 'first appearance' within the first 4 academic years (or 8 sequential semesters) from the date of commencement of first year first semester.
- (b) Should have secured a CGPA  $\geq 8.00$ , at the end of each of the 8 sequential semesters, starting from I year I semester onwards.
- (c) Should not have been detained or prevented from writing the semester end examinations in any semester due to shortage of attendance or any other reason.

*A student not fulfilling any of the above conditions with final CGPA  $> 8$  shall be placed in 'first class'.*

#### 4.3. Evaluation Methodology

The chairperson elaborated the importance of Evaluation Methodology for achieving better attainments in Outcome based Education as the Institute is going for Tier-I accreditation by NBA in 2022. The weightage of Course Outcomes and Program Outcomes effectively plays vital role in attaining the better score and the same shall be helpful for PG accreditation. In view of this, it is proposed that 40 marks for CIA and 60 marks for SEE. This Evaluation Methodology also helpful for getting good score in NAAC accreditation positively.

In order to enrich the Global Innovation and Entrepreneurship opportunities, it is proposed to introduce tech talk, tutorial hours/classes, seminars, assignments, term paper, open ended experiments, concept videos, partial reproduction of research work, oral presentation of research work, developing a generic tool-box for problem solving, report based on participation in create-a-thon, make-a-thon, code-a-thon, hack-a-thon conducted by reputed organizations etc. in AAT module.

After deliberate discussions, the panel resolved to approve 30 marks for CIA and 70 marks for SEE as a policy decision by JNTUH and shall be implemented from Academic Year 2020 - 2021.

*Approved*  
PRINCIPAL  
INSTITUTE OF AERONAUTICAL ENGINEERING  
Dundigal, Hyderabad - 500 043  
Telangana State



The typical distribution of weightage of CIA and SEE are tabulated as below.

Component		Marks	Total Marks
CIA	Continuous Internal Examination - 1 (Mid-term)	10	30
	Continuous Internal Examination - 2 (End-term)	10	
	Average of Quiz - 1 and Quiz - 2	5	
	Alternative Assessment Tool (AAT)	5	
SEE	Semester End Examination (SEE)	60	70
Total Marks			100

#### 4.4. Additional Mandatory Courses

In Additional Mandatory Courses for lateral entry students, in addition to the Dip-Mathematics and Dip-Programming for Problem Solving, English Communication Skills course shall be added for improving the communication skills among them.

**Resolution:** The board resolved and approved the modifications in Academic Regulations of UG.20 as discussed in the meeting. The board advised to submit the view of the Standing Committee on stagewise and course wise marks distribution of the proposed evaluation methodology.

**Item No.5** Approval of the proceedings of the UG BOS meetings of Joint, AE, CSE, IT, CSIT, CSE (AI&ML), CSE (DS), CSE (CS), ECE, EEE, ME and CE departments along with the Course Structure and the Syllabi for the Academic Year 2020 - 2021.

**Resolution:** The members have taken the note of the proceedings and unanimously approved the minutes of UG Board of Studies held from 16<sup>th</sup> to 18<sup>th</sup> November, 2020 along with the Course Structure and the Syllabi for the Academic Year 2020 – 2021. The minutes of the BOS meetings are enclosed in Annexure - II.

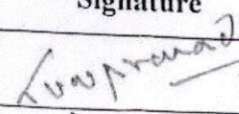
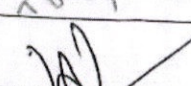
**Item No.6** Ratification of minutes of Standing Committee meetings held since 9<sup>th</sup> Academic Council meeting.

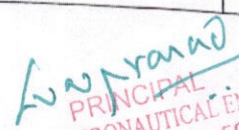
The standing committee meetings are conducted in the institute on regular intervals which takes the decisions on matters of urgency and reports to Academic Council. The Chairperson submitted the Standing Committee minutes to the board for their perusal. The institute conducted the Standing Committee meeting on 23 September, 2020 through virtual environment due to Covid-19 pandemic since the Ninth Academic Council meeting.

The agenda of the meeting is pertaining to the promotion of the students with shortage of attendance in the previous semesters for the academic year 2020 - 2021.

**Resolution:** The board noted and ratified the minutes of Standing Committee meetings. The Standing Committee meeting minutes are enclosed in Annexure - III.

The Tenth meeting of the Academic Council concluded with thanks to the members.

S No	Name	Category	Signature
1	Dr. L V Narasimha Prasad	Chairperson	
2	Dr. N V Ramana	JNTUH Nominee	

  
**PRINCIPAL**  
 INSTITUTE OF AERONAUTICAL ENGINEERING  
 Dundigal, Hyderabad - 500 043  
 Telangana State



3	Dr. B Dean Kumar	JNTUH Nominee	B. Dean Kumar
4	Dr. V Kamakshi Prasad	JNTUH Nominee	V. Kamakshi Prasad
5	Dr. P Gowri Sankara Rao	Member	
6	Mr. C Praveen Reddy	Member	C. Praveen Reddy
7	Dr. D Govardhan	Member	D. Govardhan
8	Dr. M Madhubala	Member	M. Madhubala
9	Dr. C Raghavendra	Member	C. Raghavendra
10	Dr. P Sridhar	Member	P. Sridhar
11	Dr. P Ashok Babu	Member	P. Ashok Babu
12	Dr. B D Y Sunil	Member	B. D. Y. Sunil
13	Dr. U Vamsi Mohan	Member	U. Vamsi Mohan
14	Dr. J Suresh Goud	Member	J. Suresh Goud
15	Dr. T Vara Lakshmi	Member	T. Vara Lakshmi
16	Dr. V Siva Nagaraju	Member	V. Siva Nagaraju
17	Prof. V V S Haranadh Prasad	Member	V. V. S. Haranadh Prasad
18	Dr. D Shobha Rani	Member Secretary	D. Shobha Rani



*Lupranad*  
PRINCIPAL

INSTITUTE OF AERONAUTICAL ENGINEERING  
Dundigal, Hyderabad - 500 043  
Telangana State

*Lupranad*  
PRINCIPAL  
INSTITUTE OF AERONAUTICAL ENGINEERING  
Dundigal, Hyderabad - 500 043  
Telangana State