



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

## AGENDA OF NINTH ACADEMIC COUNCIL MEETING

Date: 27 August, 2020 at 02.00 PM

Item No	Item
<b>Confirmation of Minutes and Action Taken</b>	
1	To confirm the minutes of the 8 <sup>th</sup> Academic Council meeting
2	To report the action taken on the minutes of 8 <sup>th</sup> Academic Council
<b>Ratification</b>	
3	Ratification of the minutes of 8 <sup>th</sup> Academic Council meeting
4	Ratification of minutes of Standing Committee meetings held since 8 <sup>th</sup> Academic Council
5	Note on extension of approval by the AICTE for the academic year: 2020 - 2021
<b>Research</b>	
6	Note on research publications
7	Note on external fund for Research & Development and other activities
<b>Examinations</b>	
8	Note on conduction of Regular (B.Tech - VIII Sem) / Supplementary (B.Tech - I to VII Sem) examinations through virtual environment / at parent institute / selected institutes across the state based on the choice of students.
9	Note on student's academic promotions irrespective of acquiring the required credits for higher class
<b>Information</b>	
10	Note on the proposal to conduct Research Review Meeting
11	Note on NIRF and Atal Ranking of Institutions on Innovation Achievements (ARIIA) other rankings
12	Note on the nominations for Board of Studies of new courses in emerging areas for academic year 2020 - 2021.
13	Note on International Organization for Standardization (ISO)
14	Any other item with the permission of the chair



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**PRINCIPAL**

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Dundigal, Hyderabad - 500 043  
Telangana State



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## MINUTES OF NINTH MEETING OF THE ACADEMIC COUNCIL HELD ON 27 AUGUST, 2020

The Ninth Meeting of the Academic Council was held at 02:30 PM on 27 August, 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 Venkateswara Rao	Professor of Water Resources J N T University Hyderabad, Hyderabad	JNTUH Nominee
4	Dr. B Dean Kumar	Professor of Civil Engineering J N T University Hyderabad, Hyderabad	JNTUH Nominee
5	Dr. V Kamakshi Prasad	Professor of Computer Science and Engineering and Director of Evaluation, J N T University Hyderabad	Member
6	Dr. P Gowri Sankara Rao	Director, Department of Chemicals & Petrochemicals Shastri Bhawan, New Delhi	Member
7	Mr. C Praveen Reddy	CEO and Managing Director, Automotive Robotics Engineering Services (India) Pvt. Ltd., Secunderabad	Member
8	Dr. D Govardhan	Professor and Head, Aeronautical Engineering	Member
9	Dr. M Madhubala	Professor and Head, Computer Science and Engineering	Member
10	Dr. C Raghavendra	Associate Professor and Head, Information Technology	Member
11	Dr. P Sridhar	Professor and Head, Electrical and Electronics Engineering	Member
12	Dr. P Ashok Babu	Professor and Head, Electronics and Communication Engineering	Member
13	Dr. B D Y Sunil	Professor and Head, Mechanical Engineering	Member
14	Dr. U Vamsi Mohan	Professor and Head, Civil Engineering	Member
15	Dr. J Suresh Goud	Professor and Head, Freshman Engineering	Member

16	Dr. T Vara Lakshmi	Professor and Head, Master of Business Administration	Member
17	Dr. M Purushotham Reddy	Associate Professor, Computer Science and Engineering	Member
18	Dr. V Siva Nagaraju	Associate Professor, Electronics and Communication Engineering	Member
19	Prof. V V S Haranadh Prasad	Professor, Mechanical Engineering	Member
20	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. M Anji Reddy	Professor of Centre of Environment, J N T University Hyderabad, Hyderabad	Member	Minutes Communicated

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 To confirm the minutes of Eighth Academic Council meeting held on 05 February, 2020**

**Resolution:** The members of the house confirmed the minutes of Eighth Academic Council meeting.

**Item No.2 To report on action taken on the minutes of Eighth Academic Council meeting held on 05 February, 2020**

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

- Initiated sending proposals for external research funding under various schemes.
- Constitution of Research and Development Mentoring Committee

The Research and Development Mentoring Committee has been constituted with the following faculty.

S No	Name of the Faculty	Designation / Department	Role
1	Dr. L V Narasimha Prasad	Principal	Chairman
2	Dr. G Manisha	Professor of ECE and Dean – R&D	Convener
3	Dr. K Vijaya Kumar Reddy	Director, Research & Development, JNT University Hyderabad	External Expert
4	Dr. V Appa Rao	Professor, Physics	Member
5	Dr. K Hari Prasad	Associate Professor, Physics	Member
6	Mr. M V Aditya Nag	Assistant Professor, ME	Member

- Collaboration with the following foreign universities is initiated.
  1. University of Malaya, Kuala Lumpur, Malaysia.
  2. Institute of Technology Bandung, Indonesia.
  3. Vietnam National University, Ho Chi Minh City, Vietnam.
- Initiated sending proposals for external research funding under various schemes.

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

**Item No.3 Ratification of the minutes of Eighth Academic Council meeting**

**Resolution:** Resolved to approve the minutes of Eighth Academic Council meeting held on 05 February, 2020.

**Item No. 4 Ratification of minutes of Standing Committee meetings held since last 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 comments. The institute conducted the Standing Committee meetings two times through virtual environment due to Covid-19 pandemic since the Eighth Academic Council meeting.

The details in brief are presented as follows:

S No	Date	Agenda discussed
1	08 June, 2020	The promotion of the students to next higher class for the Academic year: 2020-2021
2	12 Aug, 2020	The conduction of B.Tech - VIII (Regular) and B.Tech - I to VII Semester (Supplementary) Examinations of 2016 admitted batch students (IARE - R16)

**Resolution:** The board noted and ratified the minutes of Standing Committee meetings.

The board also permitted for the followings in view of Covid19 pandemic.

- Permitted to issue Provisional Certificates for 190 students of the 2016 admitted batch who completed all the academic requirements in accelerated mode.
- Permitted the students for academic promotions irrespective of acquiring the required credits for the next higher class during the Covid-19 pandemic period.
- Permitted to single evaluation of Semester End Examinations answer scripts.

The Standing Committee meeting minutes are enclosed in **Annexure - I**.

**Item No. 5 Note on extension of approval by the AICTE for the academic year: 2020 - 2021**

Members appreciated the efforts of the Management and Principal for getting the Extension of Approval (EoA) for the existing program for the Academic Year 2020 - 2021 from AICTE, New Delhi, vide Letter No. F.No. South-Central/1- 7002635148/2020/EOA/Corregendum-2, dated: 22 July, 2020. The details are enclosed in **Annexure - II**.

AICTE has given the approval for the following courses in emerging areas from academic year 2020 -2021.

S No	B.Tech Course	Intake
1	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	60
2	Computer Science and Engineering (Data Science)	60
3	Computer Science and Information Technology	60
4	Computer Science and Engineering (Cyber Security)	60

**Resolution:** The board considered, appreciated, and noted the grant of extension of approval for the Academic Year 2020 - 2021.

#### Item No. 6 Note on research publications

The brief abstract of the faculty publications and list of textbooks since last academic council meet is presented before the committee.

S No	Month / Year	No. of Publications (Scopus / SCI / WoS)		Textbooks
		Journals	Conferences	
1	February, 2020	05	-	03
2	March, 2020	09	02	-
3	April, 2020	09	02	02
4	May, 2020	08	-	03
5	June, 2020	09	-	-
6	July, 2020	10	02	-
<b>Total</b>		<b>50</b>	<b>05</b>	<b>08</b>

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

The details of research publications are enclosed in **Annexure - III**.

#### Item No. 7 Note on external fund for Research & Development and other activities

The Research and Development Centre aims to nurture research culture in the institute by promoting research in newly emerging and challenging areas of Engineering, Technology, Science and Humanities. It encourages the students and faculty to undertake the research in newly emerging frontier areas of Engineering, Technology, Science and Humanities including multidisciplinary fields. This enhances the general research capability of budding technocrats



by way of participating in conferences, seminars, workshops, project competition, etc.

**The Government Funding Agencies majorly are:**

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

<b>Funded Research Projects</b>			
<b>S No</b>	<b>Status</b>	<b>No. of Projects</b>	<b>Cost (Lakhs)</b>
1	On-Going Research Projects	11	471.09
2	Research projects submitted & waiting for approval	03	220.67
3	Research projects submitted	11	260.00
4	Schemes - Seminar / Conference / MODROBS etc.	05	29. 05

**Resolutions:** Members of Academic Council noted and ratified the research projects list.

The details of research projects and schemes are enclosed in **Annexure - IV**.

**Item No. 8 Note on student's academic promotions irrespective of acquiring the required credits for next higher class**

The students have to meet the required credits in addition to the attendance requirements for the academic promotion to the next higher class of study.

**Resolution:** The board accepted and permitted for academic promotions of the students irrespective of the credits they acquired for the next higher class in view of Covid-19 pandemic for the academic year 2020 - 2021.

**Item No. 9 Note on conduction of Regular (B.Tech - VIII Semester) / Supplementary (B.Tech - I to VII Semester) examinations through virtual environment / at parent institute / selected institutes across the state based on the choice of students.**

The chairperson of the board highlighted the UGC guidelines and seeks permission to conduct B.Tech - VIII Semester Regular and B.Tech - I to VII Semester Supplementary examinations of the same batch of students as the examinations should be completed before 30 September, 2020.

The students of B.Tech - VIII Semester (IARE - R16) are to be given choice of taking VIII Semester Regular Examinations and the supplementary examinations of I to VII Semester through virtual environment / at parent institute / selected institutes across the state based on the choice of students of the same batch in view of Covid-19 pandemic.

The chairperson also elaborated about the RPOT (Remote Proctor Online Test) module, developed by the institute for the conduction of Semester End Examinations in Virtual Environment.

**Resolution:** The board appreciated the efforts in developing the online module for conduction of Regular, B.Tech - VIII Sem and Supplementary Examinations of B.Tech - I to VII Semester.

The board accepted to conduct the examinations based on the options executed by the students at their flexibility and own comfort levels.

**Item No. 10 Note on the proposal to conduct Research Review Meeting**

**Resolution:** The board permitted to organize the research review meeting to assess the progress of the projects doing at the institute. The board appraised the initiation and noted.

**Item No. 11 Note on NIRF and Atal Ranking of Institutions on Innovation Achievements (ARIIA) and other rankings**

The Academic Council members congratulated the management and the Principal on achieving 170<sup>th</sup> rank in National Institute Ranking Framework (NIRF) in the Year 2020. The Chairperson presented the details on achieving the prestigious NIRF rank criterion wise.

Institute of Aeronautical Engineering is categorized as 'Band B' institution (rank between 26-50) in category of 'Private or Self-Financed College/Institutes' in Atal Ranking of Institutions on Innovation Achievement (ARIIA) – 2020, as per MHRD's Innovation Cell, Ministry of Education, Govt. of India.

The institute ranks in other reputed agencies were also presented to the committee for their perusal.

**Resolution:** The house noted, appraised, and ratified the institute rankings. The details are enclosed in **Annexure - V**.

**Item No. 12 Note on the nominations for Board of Studies of new courses in emerging areas for academic year 2020 - 2021.**

The chairperson requested the board for the University nominees in Board of Studies at Institute level to prepare Academic Rules, Regulations, Course Structure and Syllabi for the above proposed program.

A panel of subject experts has been proposed below for Board of Studies (BOS) as University nominee.

S No	Name of the Member	Designation and Address	Course
1	Dr. C Krishna Mohan	Professor, Department of Computer Science and Engineering, Indian Institute of Technology, Hyderabad	CSE (AIML)
2	Dr. V Kamakshi Prasad	Professor, Department of Computer Science and Engineering, J N T University Hyderabad, Hyderabad	CSE (DS)
3	Dr. B Padmaja Rani	Professor, Department of Computer Science and Engineering, J N T University Hyderabad, Hyderabad	CSIT
4	Dr. T Venugopal	Professor, Department of Computer Science and Engineering, J N T U College of Engineering Jagtial, Karimnagar	CSE (CS)

**Resolutions:** Members of Academic Council noted and permitted.

### Item No. 13 Note on International Organization for Standardization (ISO)

The chairperson has briefed the board about the expert committee visit on Institute's ISO certification. The committee visited and awarded the certifications in three broad areas as detailed below during March 2020.

The Energy Management System of College has been assessed and found to conform to the requirements of ISO 50001:2018 for offering AICTE approved UG and PG programs in Engineering and Management disciplines under JNTUH with certificate number 20IEnEL43 for a period of three years from 14 March, 2020 to 13 March, 2023.

The Environmental Management System of College has been assessed and found to conform to the requirements of ISO 14001:2015 for offering AICTE approved UG and PG programs in Engineering and Management disciplines under JNTUH with certificate number 20IEEA47 for a period of three years from 14 March, 2020 to 13 March, 2023.

The Quality Management System of College has been assessed and found to conform to the requirements of ISO 9001:2015 for offering AICTE approved UG and PG programs in Engineering and Management disciplines under JNTUH with certificate number 20IQEJ54 for a period of three years from 14 March, 2020 to 13 March, 2023.

**Resolutions:** The house noted and appraised the institute ISO certifications. The details are enclosed in **Annexure - VI**.

#### Suggestions made by the members of the Academic Council are:

- Industry experts should be invited as BoS members for the new courses proposed from the current semester to fill the gap between the industry and Academia.
- The board appreciated the efforts in developing online E-resources.
- Laboratory sessions / video records of the computer-based experiments shall be provided to the students through virtual environment.

The Ninth 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	
3	Dr. B Venkateswara Rao	JNTUH Nominee	
4	Dr. B Dean Kumar	JNTUH Nominee	
5	Dr. V Kamakshi Prasad	Member	
6	Dr. P Gowri Sankara Rao	Member	
7	Mr. C Praveen Reddy	Member	
8	Dr. D Govardhan	Member	



9	Dr. M Madhubala	Member	<i>Madhubala</i>
10	Dr. C Raghavendra	Member	<i>CR Raghavendra</i>
11	Dr. P Sridhar	Member	<i>Sridhar</i>
12	Dr. P Ashok Babu	Member	<i>Ashok Babu</i>
13	Dr. B D Y Sunil	Member	<i>B D Y Sunil</i>
14	Dr. U Vamsi Mohan	Member	<i>U Vamsi Mohan</i>
15	Dr. J Suresh Goud	Member	<i>J Suresh Goud</i>
16	Dr. T Vara Lakshmi	Member	<i>T Vara Lakshmi</i>
17	Dr. M Purushotham Reddy	Member	<i>M Purushotham Reddy</i>
18	Dr. V Siva Nagaraju	Member	<i>V Siva Nagaraju</i>
19	Prof. V V S Haranadh Prasad	Member	<i>V V S Haranadh Prasad</i>
20	Dr. D Shobha Rani	Member Secretary	<i>D Shobha Rani</i>



*V. V. S. Haranadh Prasad*

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