



Newsletter for the Year 2020-21

Directorate of Academic and Planning JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

VISION

- ❖ To provide advanced learning and knowledge in Engineering & Technology, Physical and Social Sciences through teaching, research, experimentation and practical training and/or by such other means as the University may deem necessary.

MISSION

- ❖ To provide the form of education that allows students to spend periods of intramural work so that upon graduation not only do they possess a range of academic learning, but also learn and acquire knowledge for the benefit of the state in particular and the country in general.



Sri. Jayesh Ranjan, IAS.
Incharge Vice-Chancellor

The Objectives are to Promote:

- ✓ Thinking on new concepts, techniques and practices in the relevant fields of Knowledge and their application to indigenous conditions.
- ✓ Designing and organizing not only new courses of study and training, but also Methods of evaluation and examination.
- ✓ Research relevant to the economic growth of the country; entrepreneurship among the students of the University colleges/ Academic Units and
- ✓ Industrial Consultancy Services in the different faculties of the Colleges/ Units.

ROADMAP

- ❖ Ensuring autonomy and objectivity;
- ❖ Expansion and inclusion; Relevance and excellence;

- ❖ Imparting and creating knowledge by:
 - ✓ Constantly engaging young minds;
 - ✓ Proactively interacting with industry and society;
- ❖ Constant updating of knowledge for faculty, non-teaching and administrative staff, and fostering global academic and research alliances.

Directorate of Academic & Planning Newsletter for the year 2020-21

Directorate of Academic & Planning:

The Directorate of Academic & Planning is headed by the Director, assisted by a Deputy Director, Joint Registrar, Assistant Registrar and other Staff. It looks after Academic & Planning works of the University which include preparation of Academic Calendars, constitution of Boards of Studies Committees in various disciplines, conduct of BoS Meetings, Revision of Curricula, Syllabi and Academic Regulations from time to time for UG, PG and Research Programs. In addition, it also looks after Academic Programs of colleges affiliated to JNTUH, and correspondence with MHRD, UGC, AICTE, PCI, DST and other funding agencies for recognition of UG and PG programs, scholarships, projects, funds and grants.

This Directorate is responsible for initiating, executing and monitoring of Memoranda of Understanding (MoU) with National and International Universities, Institutions, Industries and other Private Organizations.



Dr. M. Madhavi Latha,
Director, Academic & Planning

Other responsibilities include the following:

- i. Conduct of meetings of University Committee for Perspective Planning (UCPP) and to take decisions for development of Constituent Colleges/ Units of the University.
- ii. Conduct of University Purchase Committee meetings to finalize the decision to purchase the Equipment for Constituent Colleges/Units of the University.
- iii. Permission to start new Courses/Centers/Units/Constituent Colleges.
- iv. Forwarding the proposals of Affiliated Colleges with recommendations to the UGC for grant of 2(f) & 12(B) Status and Autonomous Status.
- v. Conduct of Academic Senate meetings.

List of Administrative Officers:

S. No.	Name	Designation
1	Dr. M. Madhavi Latha	Prof. of ECE& Director
2	Sri V. Madhava Reddy	Joint Registrar
3	Sri A. Chandra Shekar	Assistant Registrar

Achievements/Activities from July 2020 to June 2021:

- The University is ranked 62nd in the Engineering Stream of NIRF Rankings 2021.
- The University participated in Atal Ranking of Institutions on Innovation Achievement Ranking 2020 (ARIIA 2020)



Meetings of the Standing Committee of the Academic Senate (SCAS)

The following Meetings of the Standing Committee of the Academic Senate were conducted during July 2020 to June 2021:

1. 48th Meeting - 13th October 2020
2. 49th Meeting - 11th November 2020
3. 50th Meeting - 08th December 2020

Conduct of Boards of Studies (BOS) Meetings

- CSE Board of Studies meeting was conducted on 10th & 11th November 2020 and revised the syllabi of all the 8 UG programmes and 2 years MCA programme, as per AICTE Model Curriculum with effect from the Academic Year 2020-21.

S. No.	Name of the course
1	Computer Engineering (Software Engineering)
2	Computer Science and Engineering (Cyber Security)
3	Computer Science and Engineering (Artificial Intelligence and Machine Learning)
4	Computer Science and Engineering (Data Science)
5	Computer Science and Engineering (IoT)
6	Computer Science and Engineering (Networks)
7	Computer Science and Business Systems
8	Computer Science and Information Technology 92 Year MCA

- CSE BOS meeting was conducted on 21st Dec. 2020 to frame the Syllabus for M.Tech. Data Science and M.Tech. Artificial Intelligence.
- ECE BOS meeting was conducted on 18th Feb. 2021 to frame the Syllabus for B.Tech. Electronics and Computer Engineering.

Implementation of SWAYAM MOOCS:

Implemented Study Webs of Active Learning for Young Aspiring Minds (**SWAYAM**) - Massive Open Online Courses (**MOOCs**), a programme initiated by Government of India and designed to achieve the three cardinal principles of Education Policy viz., access, equity and quality from from the academic year 2018-19. The University allows students to register for Swayam-MOOCs Courses as Professional and Open Electives and awards them Credits after successfully obtaining the passing certificate.

- ✓ BOS meeting with the Chairpersons of Civil, EEE, ME, ECE/EIE and CSE /IT was conducted on 18th September 2020 to identify SWAYAM MOOCS courses for R16 B.Tech. IV year I semester and R18 B.Tech. III year I semester for the academic year 2020-21 in place of Professional Elective subjects.
- ✓ BOS meeting with the Chairpersons of Civil, EEE, ME, ECE/EIE and CSE /IT was conducted on 25th January 2021 to identify SWAYAM MOOCS courses for R16 B.Tech. IV year II semester and R18 B.Tech. III year II semester for the academic year 2020-21 in place of Professional Elective subjects.

Conduct of IX Convocation

The University conducted IX Convocation on 16th October 2020. The recipient of **Honoris Causa** was **Dr. G. Sathesh Reddy**, Secretary, Department of Defence R&D, Chairman, DRDO, and Director General, Aeronautical Development Agency (ADA), Government of India.

The Directorate of Academic and Planning is responsible for preparation of Chief Guest Citation, Chief Guest Convocation Address, Printing of Honoris Causa, Preparation of Chancellor's Convocation Address, Vice-Chancellor's Convocation Address, Vice-Chancellor's Convocation Report, Convocation Procedure and Minute to Minute Program.



The Hon'ble Incharge Vice-Chancellor Sri. Jayesh Ranjan, IAS presenting the Honoris Causa to **Dr. G. Sathesh Reddy**, Secretary, Department of Defence R&D, Chairman, DRDO, and Director General, Aeronautical Development Agency (ADA), Government of India.

Measures taken to prevent loss of Academic Year due to COVID-19 during Pandemic

- The **University directed all the colleges** under its ambit **to conduct online classes** using video conferencing apps like ZOOM, Google Meet, Goto Meeting etc. and **upload the Subject Lecture Notes** in the form of PPTs, PDF Files etc. in their respective **college websites/WhatsApp Groups/Email id Groups**.
- **Students are requested to visit** various platforms like **Coursera, SWAYAM MOOCS** for relevant topics.
- **Colleges need to submit** the details of classes conducted online along with **attendance** and comprehensive **syllabus coverage report** to the University.
- Nearly **75% of total students** under JNTUH have attended online classes. On an average **97% syllabus has been completed**.
- The University approved the following new UG & PG courses in the Emerging Areas as listed in the approval process handbook 2021-22 of AICTE:

S No	UG/PG	Department	Name of the course
1	UG	CSE	Artificial Intelligence and Data Science
2	UG	CSE	Computer Science and Design
3	UG	CSE	Artificial Intelligence and Machine Learning
4	UG	Mech. Engg.	Automation and Robotics
5	PG	CSE	Artificial Intelligence and Data Science
6	PG	CSE	Cyber Security
7	PG	Civil Eng.	Civil Engineering (Computer Aided Structural Engineering)
8	PG	ECE	Embedded System and VLSI
9	PG	ECE	Internet of Things
10	PG	ECE	Micro Electronics and VLSI Design
11	PG	Mech. Eng.	Mechatronics

- ✓ Procurement/purchase of equipment and furniture is being carried out through **Government E-Marketplace (GeM)** for increasing transparency.



Procedure followed for Procurement through GeM

- 1) Administration Sanction Order (Proceeding Signed by Registrar)
 - 2) In GeM- Floating the Bid
 - 3) Formation of Technical Evaluation Committee
 - 4) After 10 days -Technical Evaluation & Feedback /Queries to be answered by bidders
 - 5) Preparing the Minutes of the Technical Evaluation
 - 6) Approval from Administration
 - 7) Financial Bid Opening and issue of the Purchase order to L1(Proceeding signed by Registrar)
- Purchase of Equipment amounting to Rs. 5.00 Lakhs is made through GeM for the Financial Year 202-21.

Initiating New Courses

The following **11** new UG/PG courses were introduced in the Academic Year 2020-21

S. No.	Name of the course
1.	B.Tech. Computer Engineering (Software Engineering)
2.	B.Tech. Computer Science and Engineering (Cyber Security)
3.	B.Tech. Computer Science and Engineering (Artificial Intelligence and Machine Learning)
4.	B.Tech. Computer Science and Engineering (Data Science)
5.	B.Tech. Computer Science and Engineering (IoT)
6.	B.Tech. Computer Science and Engineering (Networks)
7.	B.Tech. Computer Science and Business Systems
8.	B.Tech. Computer Science and Information Technology
9.	M.Tech. Artificial Intelligence
10.	M.Tech. Data Science
11.	2 Year MCA

Grant of Autonomous Status to Affiliated Colleges

- Total Number of Autonomous Colleges: **37**
- ✓ Grant of Autonomous status to **08** Affiliated Colleges in Academic Year 2020-21.

Global Interaction

The University has signed Memoranda of Understanding (MoU) with a number of national and international research and academic institutions for mutual cooperation in various aspects such as Student Exchange Programmes, Double Degree Masters Programmes, Staff Exchange Program, Technology sharing etc. The University offers collaborative academic programmes in the campus with the following international Universities.

- Blekinge Institute of Technology (BTH), Sweden
- Central Michigan University (CMU), USA
- Asian Institute of Technology (AIT), Bangkok
- Carnegie Mellon University (CMU), USA

The University has signed **6 new MoUs** and a total of **17 MoUs** to promote academic research, training and incubation.

New /Revised MOUs signed:

S.No	Name of the Organizations	Purpose	Date of Signature
International MoU			
1	Asian Institute of Technology (AIT), Bangkok, Thailand.	B. Tech and M.E for 5 - Year International Integrated Double Degree Master's Program (IIDDMP) to study in JNTUH, and AIT in the faculties of CE, CSE and EEE.	20.11.2020
National MoUs			
1	CSIR -National Environmental Engineering Research Institute, Nagpur.	To Promote Academic and Research Cooperation in the areas of mutual interest.	22.10.2020
2	Telangana State Aviation Academy, (TSAA), Hyderabad .	To offer 5 - Year integrated course M Sc (Aviation) course. (Ground duty stream AME (Mechanical & Avionics)	17.11.2020 (Revised MoU)
3	National Institute of Tourism and Hospitality Management, (NITHM), Hyderabad.	To offer 2 -Year MBA (Tourism & Hospitality) and 4 Year BBA (Tourism & Hospitality) programmes.	08.03.2021 (Revised MoU)
4	Indian Institute of Packaging (IIP), Hyderabad.	To offer Post Graduate Diploma in Packaging (PGDP) and M.S. in Packaging Technology (PT) programmes.	10.03.2021
5	Administrative Staff College of India (ASCI), Hyderabad.	To offer Ph. D Program in Management	09.04.2021
6	T-Hub, Dept. of IT, Electronics & Communications, Govt. of Telangana, Photonics Valley Corporation, and J - Hub of JNTUH.	To implement VLSI Incubation program	06.05.2021
7	Environment Protection Training Research Institute (EPTRI), Hyderabad.	A joint collaborative program of Education, Research, Training, in the field of Environment and allied subjects.	04.06.2021
8	Centre for Materials for Electronics Technology (C-MET), Hyderabad.	To Promote Academic and Research Co-Operation	24.06.2021



Signing of **MoU** with officials of **Indian Institute of Packaging (IIP)**, Hyderabad on 10th March 2021.



Signing of MoU with officials of Centre for Materials for Electronics Technology (C-MET), Hyderabad on 24th June 2021.

