



Newsletter for the Year 2021-22

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.



Prof. K. Narasimha Reddy,
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;

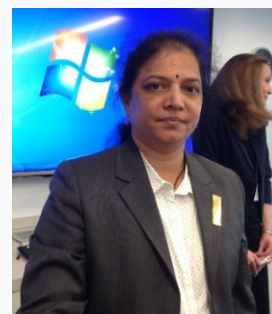
- ❖ Imparting and creating knowledge by:
 - ✓ Constantly engaging young minds;
 - ✓ Proactively interacting with industry and society;
- ❖ Constant updating of knowledge for faculty, non-teaching and administrative staff, and fostering global academic and research alliances.

Directorate of Academic & Planning Newsletter for the year 2021-22

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	Dr. T. Sreekanth	Professor of Physics & Deputy Director
3	Sri V. Madhava Reddy	Joint Registrar
4	Sri A. Chandra Shekar	Assistant Registrar

Achievements/Activities from July 2021 to June 2022:

- The University is ranked 76th in the Engineering Stream of NIRF Rankings 2022.



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

The following are the SCAS meetings held from July 2021 to June 2022:

- ✓ 51st Meeting – 05th July 2021
- ✓ 52nd Meeting – 20th Sep. 2021
- ✓ 53rd Meeting – 18th Feb. 2022
- ✓ 54th Meeting -14th June 2022

Conduct of Boards of Studies (BOS) Meetings

- CSE BOS meeting was conducted on 19th July 2021 to frame the Syllabus for B.Tech. Computer Science and Business Systems, Computer Science & Information Technology.
- CSE BOS meeting was conducted on 24th Sep. 2021 for implementing **B.Tech. Honors degree** and **B.Tech. Minor degree** as specialization in Emerging/ Multidisciplinary Areas from the Academic Year 2021-22.
 - ✓ **Honors Degree** is being implemented in B.Tech. Computer Science & Engineering. Student has to earn 20 more credits during III & IV Year of B.Tech. in addition to the existing 160 credits to acquire the Honors Degree successfully.
 - ✓ **Minor Degree** is initiated in the areas of **Artificial Intelligence and Machine Learning, Cyber Security, Data Science, Internet of Things, Innovation and Entrepreneurship**. Student has to earn 18 more credits during III & IV Year of B.Tech. in addition to the existing 160 credits to acquire the Honors Degree successfully.
- CSE BOS meeting was conducted on 22nd & 23rd Oct. 2021 to frame the Syllabus for the following **08** new B.Tech. courses initiated in the Academic Year 2020-21 along with Course Structure for B.Tech. Honors and B.Tech. Minor programs:
 - ✓ Computer Engineering (Software Engineering);
 - ✓ CSE (Cyber Security);
 - ✓ CSE (AI&ML);
 - ✓ CSE (Data Science);
 - ✓ CSE (IoT);
 - ✓ CSE (Networks);
 - ✓ Computer Science and Business Systems; and
 - ✓ Computer Science and Information Technology.
- CSE BOS online meeting was conducted on 7th Jan. 2022 to frame the Syllabus for newly initiated M.Tech. Artificial Intelligence & Data Science from the Academic Year 2021-22.
- Pharmacy BOS meeting was conducted on 07th March 2022 to frame the syllabus for M.Pharm. Pharmacognosy for the Academic Year 2021-22.
- Conducted Joint Boards of Studies Meetings during 19th – 21st May 2022 to revise the syllabi of all UG, PG programs as per CBCS & AICTE Model Curriculum from the Academic Year 2022-23.



Hon'ble Vice-Chancellor **Prof. Katta Narasimha Reddy** addressing the Board of Studies Members, Faculty Members and staff of JNTUH during Joint BOS Meetings on 19th May 2022.



Mechanical Engg. Board of Studies Members meeting on 19th May 2022 during Joint BOS Meetings.

- CSE BOS online meeting was conducted on 02nd July 2022 to frame the Syllabus for 03 new B.Tech. courses initiated in the Academic Year 2021-22, B.Tech. Computer Science & Design, B.Tech. Artificial Intelligence and Machine Learning, B.Tech. Artificial Intelligence and Data Science.

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 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 meetings were conducted on 22nd July 2021 and 28th Dec. 2021 to identify the MOOCs courses under SWAYAM for R18 B.Tech. III & IV years - I & II Semesters for Academic Year 2021-22.
- BOS meeting was conducted on 08th June 2022 to identify the MOOCs courses under SWAYAM for R18 B.Tech. III year & IV years I Semester for the Academic Year 2022-23.

Conduct of X Convocation

The University conducted the X Convocation on 26th February 2022 at JN Auditorium. The recipient of Honoris Causa was **Dr.Srivari Chandrasekhar**, Secretary, Department of Science and Technology, Government of India, New Delhi.

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.



Activities organized/ conducted as part of Golden Jubilee Celebrations

- JNTU, Hyderabad is celebrating Golden Jubilee year (2021-2022) from 03rd October 2021 and inaugurated by Hon'ble Governor and Chancellor of the University Dr. (Smt.) TAMILISAI Soundararajan. In view of Golden Jubilee year, the University has conducted many workshops, all India Vice-Chancellors' conference, established golden jubilee conference hall, hostels and new colleges.



Golden Jubilee Inaugural meeting addressed by Hon'ble Governor of Telangana State, Lieutenant Governor of Puducherry and Chancellor of JNTUH, **Dr. (Smt.) TAMILISAI Soundararajan** and University officials on 3rd Oct. 2021.



Inauguration of JNTUH Golden Jubilee Year 2021-2022 Pylon by Hon'ble Governor of Telangana State, Lieutenant Governor of Puducherry and Chancellor of JNTUH, **Dr. (Smt.) TAMILISAI Soundararajan** on 3rd Oct. 2021.



All India conference of Vice-Chancellors of Universities offering Engineering and Technology Programs was organized on 08th & 09th April 2022.

Establishment of New Constituent Colleges

- As per the G.O.Ms No.23 Higher Education (T.E) Dept., dated 20.07.2021 the Govt. of Telangana has sanctioned for establishment of new JNTUH College of Engineering in RajannaSircilla District with the following courses from the academic year 2021-22:

SI No	Name of the Course	Permitted Intake for the A.Y. 2021-22
1	B.Tech Civil Engineering	60
2	B.Tech Mechanical Engineering	60
3	B.Tech Electronics and Communication Engineering	60
4	B.Tech Electrical & Electronics Engineering	60
5	B.Tech Computer Science & Engineering	60
6	B.Tech Textile Engineering	20
Total		320

- New College established in Sangareddy Dist. namely JNTUH University College of Pharmaceutical Sciences Sultanpur from the academic year 2021-22 with B. Pharmacy. Course intake is 60

- As per the G.O.MsNo.1 Higher Education (T.E) Dept., dated 03.01.2022 the Govt. of Telangana has sanctioned for establishment of new JNTUH College of Engineering in Palamor, Wanaparthi District with the following courses from the academic year 2022-23:



Inauguration of JNTUH University College of Pharmaceutical Sciences Sultanpur

S. No.	Name of the Course	Permitted Intake for the A.Y. 2022-23
1	B.Tech Civil Engineering	60
2	B.Tech Mechanical Engineering	60
3	B.Tech Electronics and Communication Engineering	60
4	B.Tech Computer Science & Engineering	60
5	B.Tech CSE (Artificial Intelligence and Machine Learning)	60
Total		300

- Submission of proposal to the State Government for sanction of special grant for an amount of Rs. 167.40 Crores to JNTUH University Colleges/ Units during the Golden Jubilee year 2021-22.
- Change of Nomenclature of JNTUH Constituent Colleges as JNTUH University Colleges.
- 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. 2.50 Crores is made through GeM for the Financial Year 2021-22.

Grant of Autonomous Status to Affiliated Colleges

- Total Number of Autonomous Colleges: **44**
 - ✓ Extension of Autonomous Status to **06** Affiliated Colleges in Academic Year 2021-22.
 - ✓ Grant of Autonomous status to **07** Affiliated Colleges in Academic Year 2021-22.

Initiating New Courses

The following new UG/PG courses were introduced in the Academic Year 2021-22:

- ✓ B. Tech. in Computer Science and Design;
- ✓ B. Tech. in Artificial Intelligence and Machine Learning;
- ✓ B. Tech. in Artificial Intelligence and Data Science;
- ✓ B. Tech. in Textile Engineering;
- ✓ M. Tech. Industrial Engineering and Management;
- ✓ M. Pharm. (Pharmacognosy).
- Resuming of M.Sc. courses at:
 - ✓ JNTUH University College of Engineering Hyderabad
 - (1) M.Sc. Mathematics (Applied Mathematics),
 - (2) M.Sc. Chemistry (Drugs and Pharmaceuticals),
 - (3) M.Sc. Physics
 - ✓ Institute of Science and Technology, JNTUH.
 - (1) M.Sc. (Bio-Technology),
 - (2) M.Sc. (Microbiology),
 - (3) M.Sc. (Environmental Science & Technology)
- Hon'ble Vice-Chancellor along with senior faculty members visited IIT Hyderabad on 13.12.2021 to explore academic & research collaboration and to interact with the faculty members.

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 **9 new MoUs** and a total of **22 MoUs** to promote academic research, training and incubation.

New /Revised MOUs signed:

S.No.	Name of the Organizations	Purpose	Date of Signature
1.	Commissionerate of Technical & General Education, Government of Telangana, JNTUH and Coursera.	For offering campus online learning courses	10.07.2021
2.	Military College of Electronics and Mechanical Engineering, (MCEME), Secunderabad	M. Tech programme in Computer Technology and Aeronautical Engineering	18.10.2021 (Revised MoU)
3.	NASSCOM IT, ITES	IT sector skills council for skill development	20.11.2021
4.	Confederation of Indian Industry, Hyderabad	Joint Activities on Environmental Management and Education	29.10.2021 (Revised MoU)
5.	Telangana State Aviation Academy (TSAA), Hyderabad.	Five-Year Integrated Course in M. Sc. (Aviation) with specializations Mechanical/ Avionics (Ground Duty Stream).	17.11.2021(Revised MoU)
6.	Association of Lady Entrepreneurs of India, Hyderabad.	Jointly organize awareness programs on Entrepreneurship Development and Start-up Hackathons, Workshops and Student Training Programs.	13.04.2022
7.	National Academy of Construction (NAC), Hyderabad.	One-Year PG Diploma in i) Construction Project Management, ii) Quantity Surveying & Contracts Management	28.04.2022 (Revised MoU)
8.	Telangana State Forensic Sciences Laboratories, Hyderabad.	TSFSL has established Cyber Forensic Lab for uniform delivery of scientific services and to support the Investigating officers for handling investigation and prosecution of cases in the field of Cybercrime and related aspects	06.06.2022
9.	M/s. Veda Institute of Information Technology Pvt. Ltd., Hyderabad.	Two-Year MS Program in VLSI Engineering.	16.06.2022 (Revised MoU)



MoU with NASSCOM/IT-ITES Sector Skills Council for Skill Development Training for students & faculty in Emerging Technologies and IT related areas



MoU signed between JNTUH- Centre of Excellence in Cyber Security and Telangana State Forensics Science Laboratory.



MoU with Veda Institute of Information Technology Pvt. Ltd., Hyderabad was revised on 16th June 2022.