Newsletter for the Year 2022-23

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 2022-23

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. Chandra Mohan,
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.

Conduct of Academic Senate meetings.

List of Administrative Officers:

S. No.	Name	Designation
1	Dr. M. Chandra Mohan	Professor of CSE & Director
2	Dr. P. Swetha	Professor ofCSE&Deputy Director
3	Smt. J. Sudha Madhuri	Joint Registrar
4	Sri Y. Jakraiah	Assistant Registrar

Achievements/Activities from July2022 to May 2023:

Meetings of the Standing Committee of the Academic Senate (SCAS): The following SCASMeetings were conducted during July 2022 to May 2023:
- ✓ 55th Meeting- 28th October 2022
- ✓ 56th Meeting- 01st November 2022
- ✓ 57th Meeting- 01stMarch 2023

Conduct of Boards of Studies (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.

- Pharmacy BOS meeting was conducted on 07th Jan. 2023 to frame the Course Structure & I Year Syllabus for B.Tech. Pharmaceutical Engineering course as per R22 B.Tech. Academic Regulations.
- Joint Boards of Studies (BOS) Meetings were conducted in May 2022 to revise the UG and PG syllabus.

Salient Features of New B.Tech. Curriculum implemented from AY 2022-23:

- ✓ Registration of Academic Bank of Credits and Transfer of Credits.
- ✓ Implementation of Multiple Entry Multiple Exit Scheme.
- ✓ More weightage (40% of the total marks) and Emphasis on Continuous Internal Evaluation.
- ✓ Award of 2-Year UG Diploma Certificate for Interested Students from AY 2022-23.
- ✓ Inclusion of Field Based Research Project in B.Tech. II Year.
- ✓ Provision to enrol for Second Degree - BBA (DA).

Implementation of SWAYAM MOOCS:

- BOS meeting with the Chairpersons of Civil, EEE, ME, ECE/EIE and CSE/IT was conducted on 21st January 2023 to identify SWAYAM MOOCS courses for R18 B.Tech. IV year II semester and R18 B.Tech. III year II semester for the academic year 2022-23 in place of Professional Elective subjects.

Conduct of XI Convocation

The University conducted the XI Convocation on 18th March 2023 at JN Auditorium. The recipient of Honoris Causa was **Padma Vibhushan Dr. Krishnaswamy Kasturirangan**, Chancellor of Central University of Rajasthan and NIIT University, Rajasthan.

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.

Hon'ble Chancellor and Governor of Telangana, **Dr. (Smt.) Tamilisai Soundararajan** delivering convocation address during XI Convocation of JNTUH.

Conduct of International Conference
- ➤ JNTUH organized an International Conference on Innovations in Engineering and Technology (ICIET -2022) as part of Golden Jubilee Celebrations from 15ᵗʰ - 17ᵗʰ Sep. 2022.

"**International Conference on Innovations in Engineering & Technology (ICIET-2022)**"
scheduledfrom 15 – 17 September 2022, as part of Golden Jubilee Celebrations.

Establishment of New Constituent College
- ➤ 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, Wanaparthy District with the following courses from the academic year 2022-23:

Sl. 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**

- ➤ 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. 1.20 Crores is made through GeM for the Financial Year 2022-23.

Initiating New Courses

The following new UG/PG courses were introduced in the Academic Year 2022-23:

- ✓ B.Tech. Biotechnology;
- ✓ B.Tech. Pharmaceutical Engineering;
- ✓ BBA (Data Analytics);
- ✓ M.Tech. Computer Aided Structural Engineering;
- ✓ M.Tech. Robotics and Artificial Intelligence.

Grant of Autonomous Status to Affiliated Colleges

- ➢ Total Number of Autonomous Colleges: **49**
- ✓ Extension of Autonomous Status to **04** Affiliated Colleges in Academic Year 2022-23.
- ✓ Grant of Autonomous status to **07** Affiliated Colleges in Academic Year 2022-23.

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 **11 new MoUs** and a total of **32 MoUs** with various organizations to promote academic research, training and incubation.

New /Revised MOUs signed:

S.No	Name of the Organizations	Purpose	Date of Signature
International MoUs			
1	Lawrence Technological University (LTU), Southfield, Michigan.	Student exchange cab be in the areas of internship, research, Post-Doctoral activities or even starting new course for UG/PG/ Ph.D students of mutual interested areas.	07.11.2022
2	Western Sydney University, Australia	To explore the feasibility of collaborative activities.	24.11.2022
3	Western Sydney University (WSU), Australia	For offer Dual Award of Ph. D program in Environment Science and Technology.	28.03.2023
4	Blekinge Institute of Technology (BTH), Karlskrona, Sweden.	The two Universities will establish and encourage mutually beneficial scientific, technological, educational, research, faculty exchange.	20.03.2023
National MoUs			
1	CSIR-Institute of Minerals & Materials Technology (IMMT)-InTEC, Bhubaneswar.	To promote collaborative research and exchange of knowledge, technical knowhow and mentoring between the two institutions in areas of mutual interest.	12.07.2022
2	CR Rao Advanced Institute of Mathematics, Statistics and Computer Science (AIMSCS), Hyderabad	To offer B.Tech. – Computer Science and Engineering (Data Science) programme.	19.8.2022
3	Aurobindo Pharma Foundation Skill Development Center, Hyderabad	To provide free training program with stipend to students.	18.10.2022
4	Indian Institute of Packaging, Hyderabad	To offer 2-Year M. S. in Packaging Technology (PT) programme.	21.12.2022
5	Rajiv Gandhi University of Knowledge Technologies (RGUKT), Basara, Nirmal District, Telangana.	Preparation of consolidated programmes in the sphere of Higher Education at RGUKT, Basar and to evolve perspective plans for Internationalization of Higher Education in the state.	07.01.2023
6	SiddheshEdutech Private Limited (SEPL), LB Shastri Lane, Kolkota.	For offering the Up-skilling Programme on IOT Technologies for the SC & ST Community Students for free of cost.	11.02.2023.
7	Indian Council for Cultural Relations, New Delhi.	For scholarship schemes for higher education of foreign students in empanelled Indian Universities/ Institutions.	27.02.2023

Signing of **MoU** with officials of **Blekinge Institute of Technology (BTH),** Karlskrona, Sweden on 20th March 2023.

Signing of **MoU** with officials of **Lawrence Technological University (LTU),** Michigan, USA on 07th November 2022

MoU with **CSC/e-Governance Services India Ltd**., Under MEITY, Govt. of India for implementation of IEEE courses for SC/ST students at free of cost.

Signing of **MoU** with officials of **Western Sydney University (WSU),** Australia on 28.03.2023.