

National Workshop
On
*“Research & Development Cell - Structure,
Organization and Functions”*
11th November, 2021

ORGANIZED BY



Jawaharlal Nehru Technological University Hyderabad
Kukatpally, Hyderabad

About Host Organization

Jawaharlal Nehru Technological University, Hyderabad, was established on 2nd October 1972 by the Legislature of the State of Andhra Pradesh as the first Technological University in the country. It was restructured by the Government vide Government Ordinance No.13, dated 18th August 2008 and Act of State Legislature No.30 dated September 2008 and the University has been designated as **Jawaharlal Nehru Technological University Hyderabad (JNTUH)**. JNTUH is situated in a sprawling 89-acre campus at Kukatpally, Hyderabad. It has now 4 Constituent Engineering Colleges, one at Hyderabad, one at Kondagattu (Jagithyal), one at Manthani and one at Sultanpur (Medak dist.) and 15 other constituent units on Hyderabad campus. JNTUH offers B.Tech. programmes in 24 disciplines and B.Pharm at UG level; Integrated 5-year dual degree Masters programme; M.Tech. Programmes in 68 disciplines, M.Pharm. in 11 disciplines; M.Sc. in 10 disciplines; MCA, MBA and Double Degree Programmes at P.G. level; in addition to the offer of M.S., Ph.D. Research Programmes in various disciplines of Engineering, Technology, Science, Management and Humanities. JNTUH has 423 affiliated colleges spread over the Telangana State. JNTUH has more than 3.50 lakhs students on rolls. The University has Memoranda of Understanding with many National and International organizations

About the Workshop

NEP-2020 envisages Higher Education Institutions (HEIs) to focus on research development and innovation by setting up start-up incubation centres, technology development centres, centres in frontier areas of research, greater industry academic linkages, and interdisciplinary research including humanities and social sciences research. The HEIs are greatly relied on research and development for knowledge production, which are highly interlinked in global economy. The research output of HEI is being given high weightage in the ranking indicators.

The current policy environment in India encourages HEIs to be responsible and accountable for research development and innovation activities through various intervention measures. This will lead for developing a research eco-system in each institution of higher education through creation of infrastructure, generation of resources, promotion of business and facilitation of policy framework to nurture the culture of quality research through mentoring support, adhering ethical practices, incentivization, collaboration and commercialization.

The research particularly in Science and Technology and the deep critical studies in social, cultural, economic and political processes and situations with human touch are crucial for national progress, self-reliance and security. There is a world-wide conviction that in future, the intellectual capital will play a far more important role for maintaining the industrial competitiveness and promoting the knowledge-based economy through science and technology research. However, the research in social sciences will foster the value of human life and utilizes the advances in science and technology for improving the quality of life of impoverished millions. Further, the availability of fresh young minds, constantly entering into HEIs in an atmosphere of freedom and multi-disciplinary environment enable to come up with innovative ideas may be able to address the problems of social relevance and industry needs.

The proposed R & D Cell is meant for research promotion of various activities such as start-up incubation center (NITI Aayog and AICTE), technology development center (DST), university/institute – industry linkage (UGC), central sophisticated instrumentation facility (DST), sponsored research and consultancy cell (HEIs), entrepreneurship development cell (DST), innovation cell (AICTE), IPR cell (DST), Research Integrity cell (UGC-CARE), Institutional Research Information cell (UGC-INFLIBNET), scholars in residence (UGC), adjunct faculty (UGC/ AICTE), visiting professor (UGC), collaborations and networking cell (HEIs), etc., and also monitoring the admissions and progress of the research scholars in addition to coordinate the both human and animal ethical committees activities and environment, health & safety practices in research

Objectives of the Webinar/Workshop

- ✓ To create knowledge based work environment in motivating the talented minds and institutionalise the research and development activities in HEIs.
- ✓ To promote flagship initiatives and expand partnerships for synergy building and also design, organize and manage events such as conferences, trainings etc.
- ✓ To formulate a robust mechanism for structure, organization and functions of R & D Cells that will lead for continuous enhancement of research activities in HEIs.
- ✓ To facilitate consultations/feedback with selected stakeholders from corporate industry, research institute and academia to analyse and consider the suggestions.
- ✓ To examine the effectiveness of existing policies of University-Industry Inter Linkage Center and Entrepreneurship Development Cell.
- ✓ To discuss the transformation of R & D activities of HEIs into Development centred, Resource centred and Business centred.
- ✓ To develop a Institutional Research Information System for sharing of expertise and resources and also to commercialize the research.
- ✓ To utilize the services of retired, yet active faculty/scientists in research capacity building efforts of HEIs to promote innovation, incubation and entrepreneurship

CHIEF PATRON

Prof. Katta Narasimhareddy
Hon'ble Vice-chancellor, JNTUH

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Prof. A. Govardhan
Rector, JNTUH

Prof. M. Manzoor Hussain
Registrar, JNTUH

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Director, IST, JNTUH and
Prof. K. Vijaya Kumar Reddy
Director, DRD, JNTUH

Prof. Ravinder Nath
Member Expert Committee, UGC on HEI &
Adjunct Faculty, JNTUH

Co-ordinators

Dr. A. Uma
Assoc. Prof., & BOS Chairperson, CBT, IST, JNTUH
&

Dr. B. Ravindra Reddy,
Depy. Director, DRD, JNTUH

Co-Cordinators

Dr. L. Saida
Asst. Professor & Head,
CBT, IST, JNTUH

Dr. Archana Giri
Professor,
CBT, IST, JNTUH

Organizing Committee

Dr. G. Krishna Mohan, Retd. Professor IST, JNTUH
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Dr. M. Sunitha Reddy, Asso. Prof, CPS, IST, JNTUH
Dr. Ch. Shilpa Chakra, Asst. Prof & Head, CNST, IST, JNTUH

Local Organizing Committee

Dr. B. Suresh Babu, Asst. Professor (c), CBT, IST, JNTUH
Dr. B. Venkanna, Asst. Professor (c), CBT, IST, JNTUH
Mr. Harish, DRD, JNTUH
Mr. Kanishka, DRD, JNTUH

How to register?

Wit the link below to register through Google forms

<https://forms.gle/oi1DwguTa5aVYj8R9>

Dr. A. Uma - 9848120819 &
Dr. B. Ravindra Reddy- 9949567359

For queries please send mail to:
rdnep2021@gmail.com

KEY DATES

workshop Date: 11th November,2021
Last Date of Registration: 11th November 2021