

NEWSLETTER 2020-21

Directorate of Research and Development



Jawaharlal Nehru Technological University Hyderabad
Kukatpally, Hyderabad – 500085, T.S.



Dr. K. Vijaya Kumar Reddy
Professor & Director
Directorate of R & D, JNTUH

The Directorate of Research and Development is responsible for overseeing a wide range of functions research activities, from strategic planning, research policy, implementation and evaluation. We work closely with our stakeholders to ensure that our research policy and services are aligned with their needs and priorities. One of our top priorities is to foster a culture of excellence and continuous improvement within our stakeholders. We believe that by encouraging innovation, collaboration, and learning, we can achieve greater impact and better outcomes. We value the contributions of every member of R & D team and are committed to creating a supportive and inclusive work environment where everyone feels valued and respected.

As Director, I am committed to providing leadership and support to our team. I believe in leading by example and in empowering our staff to take ownership of their work and to development of R & D. In conclusion, I am proud to be a part of this Directorate, and I am confident that together, we can achieve our goals and make a positive impact on society.

About Directorate of R & D Cell:

Jawaharlal Nehru Technological University Hyderabad (JNTUH) is focusing on research programmes on need-based technology and solutions for societal problems. Accordingly, an independent Directorate Research and Development was established in the year 2005 to promote and monitor the research programmes offered in the University. The R & D Cell administers Ph.D. programme in external and full- time modes.

Directorate Research and Development coordinates with the Directorate of Admissions for selection and admission of research scholars, and interacts with Director of Evaluation for evaluation of Thesis. Further, Directorate of R&D interacts with the Constituent Units of University for academic activities of research and with Directorate of University Foreign Relations (DUFR) for the admission of foreign national students. Directorate of R&D conducts Research Review Meetings (RRMs) once in every six months to evaluate and monitor the research work progress of the scholars. Directorate of R&D conducts viva-voce examinations for the award of the Ph.D. degree in the Faculties of Engineering, Science & Technology, Pharmacy, Management, Humanities and Social Sciences.

VISION

- To provide a sturdy platform to amplify value and versatile research aligned with the provisions of NEP-2020.

MISSION

- To create healthy environment for enhanced research potency.
- To promote synergetic research.
- To support startup and entrepreneurship ventures through Centre for Innovation and Incubation.

AIM OF RESEARCH POLICY:

Research in JNTUH is originated for search of excellence and accuracy of end results. Therefore research policy provides guidelines on good and ethical practices in the conduct of research to achieve highest standards. The Research policy look ahead to creation of conducive research environment by creating focused research groups on par with international standards. This policy also focuses on utilizing the outcome of the research for benefit of society. JNTUH aims on promotion of research culture in accordance with the academic standards, legal framework, good governance and ethical practices. This policy looks upon to support research work with high standards and provide a strategy on how to achieve research goals.

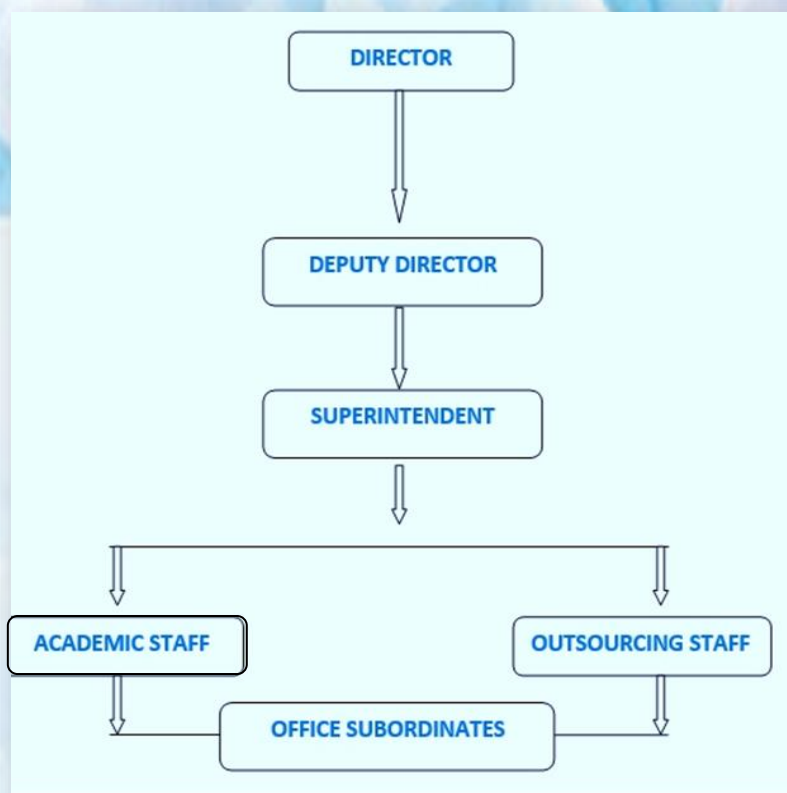
RESEARCH STRATEGY:

- To identify thrust areas, funding agencies, guiding and advising the University to go forward in research front.
- To guide the Departments to do research in thrust areas as identified by national and international research organizations.
- To identify gap areas in industry and to create the awareness for the sponsored and industrial research.
- To work as a bridge between University and Industry with special reference to attract the projects so as to generate internal revenue and to convert technical knowledge into operational mode with industry interface.
- To work on any other research related activities as directed by the University.
- Promote scholarship/ fellowship schemes for researchers.
- To monitor and evaluate the progress of various Research Centres under the administrative control of the University.

OBJECTIVES:

- To promote and facilitate collaborative and/or interdisciplinary research and enhancement of research networking capacity and infrastructure under the umbrella of Jawaharlal Nehru Technological University Hyderabad in Telangana State.
- To focus an utilization of resources and to gain research support for its stakeholders.
- To contribute to the University's strategic educational and research missions and to support synergies between researches, teaching and learning and consultancy services.
- To promote and support high quality research in the area of Engineering, Science and Technology.
- To create research culture with ethical concern.
- To initiate anti- plagiarism policy to carry out of fair research.
- To frame guidelines smooth conduction of research work.
- To integrate industry oriented research facilities for academic community.
- To clarify roles and functions of various committees, Director / Principal / Head / Chairperson, BOS / DRC of the Department / Research Guide / Scholars in order to facilitate researcher to understand the university research system and smoothly undertake research activities.

Organizing Structure of Directorate of Research and Development

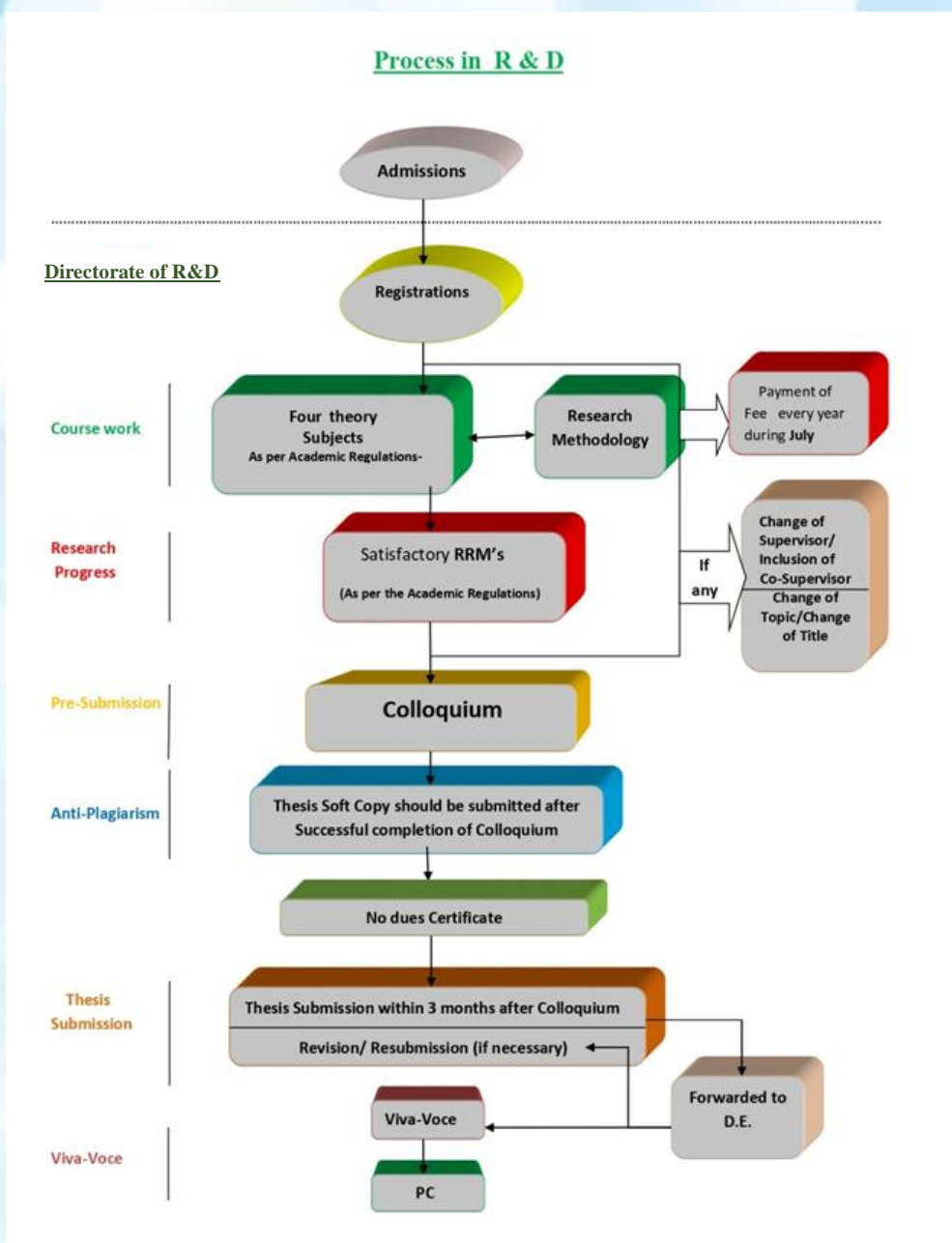


Staff members of Directorate of R & D

S NO.	STAFF NAME	DESIGNATION
1	Dr. K VIJAYA KUMAR REDDY	DIRECTOR
2	Dr. K BHASKAR	COORDINATOR
3	SRI U. RAVINDER RAO	SUPERINTENDENT
4	SRI.P. SIDDA LAXMI	OFFICE SUBORDINATE
5	A. KANISHKA KUMAR	ACADEMIC ASSISTANT
6	M. BALAKRISHNA	ACADEMIC ASSISTANT
7	M. HARISH KUMAR	ACADEMIC ASSISTANT
8	CH. HEMALATHA	DATA ENTRY OPERATOR
9	P. MALLIKARJUN	DATA ENTRY OPERATOR
10	B. A. N. MANIDHAR	DATA ENTRY OPERATOR
11	T. SHASHIDHAR REDDY	JUNIOR ASSISTANT

12	P. KALAVATHI	OFFICE SUB-ORDINATE
13	A. DEVENDER	OFFICE SUB-ORDINATE
14	A. KAVITHA	OFFICE SUB-ORDINATE

Research Scholar Flow chart from Registration to Award of Ph.D.



Activities in the Academic Year 2020-21

S.No.	Month	No. of Scholars Attended for Colloquium	No. of Scholars submitted for Anti-Plagiarism Check	No. of Scholars submitted Thesis	No. of Scholars Registered for RRM	No. of Scholars Present for RRM	No. of Scholars Attended for RM
1	JUNE'2020	32	21	31			
2	JULY	21	23	19			
3	AUGUST	18	16	12			
4	SEPTEMBER	15	17	23			65
5	OCTOBER	16	21	13	155	149	
6	NOVEMBER	17	26	12			
7	DECEMBER	28	44	43			
8	JANUARY	18	14	21			
9	FEBRUARY	16	15	11	113	110	
10	MARCH	17	31	21			
11	APRIL	24	26	23			
12	MAY'2021	6	8	7			24



Conduction of Viva Voce

Code of Conduct for Research Scholars:

- The registration of a Ph.D. scholar may be cancelled by the Director, Directorate of R&D, if the candidate fails to satisfy the conditions stipulated in the admission order or violates the rules and regulations of Ph.D. after giving notice to the concerned candidate.
- The Director, Directorate of R&D may cancel the registration of a Ph.D. scholar on the recommendation of the supervisor and/or DRC under the following circumstances after giving notice to the candidate:
 - Where the progress has been reported to be unsatisfactory for two years in consecutive half yearly RRM's.
 - If the Research Scholar does not pay tuition fee for two consecutive academic years, his/her Ph.D. admission is liable to be cancelled.
 - Where a Scholar discontinues research, and/or where they have accepted any of appointment other than specified earlier, without the written consent from JNTUH.
 - If any research scholar desires for cancellation of admission due to their personal reasons, then the scholar has to pay the tuition fee as prescribed for minimum duration of the programme.
- The Directorate of Research & Development will maintain Receipt books, cash book, details of financial transactions etc. The original certificates and admission folio of the scholar shall be maintained by the Office of the Directorate of Research & Development, till the completion of the research programme of the respective candidates.
- A Student Admission Number, which will also be the Hall Ticket number / registered number will be assigned to the scholar. An Identity Card for the exclusive use of academic facilities of JNTUH, will be given to each candidate signed by Director, Directorate of Research & Development.
- During the research period time of JNTUH, the scholar shall not register for any other course, at any other University or Institution, leading to the award of a degree. In case of any such ambiguity, he/she will forfeit the admission at JNTUH.
- In any letter being submitted to the Director, Directorate of R&D by the candidate the signatures of Research Supervisor and/or co-supervisor are necessary and mandatory. Faculty members involved in active research may be considered for supervisorship. The decision of Hon'ble Vice Chancellor in allotting research supervisors to a particular research scholar is final. If a situation arises where there is a conflict between Research Scholar and Supervisor / Co-Supervisor, the decision of University regarding Change of Supervisor / Co-Supervisor is final. The scholars are required to actively involved in doing original research resulting in possible IPR and patents. The academic regulations should be read as a whole for purposes of any interpretation.
- In case of any doubt or ambiguity in the interpretation of the above rules, the decision of the Vice-Chancellor is final. The University reserves the right to alter the regulations from time to time as and when necessary.
- Research Scholars shall show due respect to the officers and teachers of the Institute and other employees of the institute. Proper courtesy and consideration should be extended to all employees of the Institute. They shall also pay due attention and courtesy to visitors.
- Research Scholars are required to develop a friendly camaraderie with fellow scholars. In particular, they are expected to show kindness and consideration to the new scholar's admitted to

the Institute every year. Ragging of newcomers in any form is banned by law: acts of ragging will be considered gross indiscipline and will be severely dealt with.

- The following acts of omission and/or commission shall constitute gross violation of the code of conduct and are liable to invoke disciplinary measures:
- Ragging
- Lack of courtesy and decorum; indecent behavior anywhere within or outside the campus
- Willful damage or stealthy removal of any property / belongings of the Institute or of fellow scholars
- Possession, consumption or distribution of alcoholic drinks or any kind of hallucinogenic drug
- Adoption of unfair means in the examinations
- Mutilation or unauthorized possession of library books
- Noisy and unseemly behavior, disturbing studies of fellow scholars Commensurate with the gravity of the offense, the Jawaharlal Nehru Technological University Hyderabad punishment may be reprimand, fine, suspension of fellowship, debarment from an examination or RRM, rustication for a specified period or even outright expulsion from the Institute.
- The Head of the Department, BoS, the Head of the Unit (Principal/Director) respectively, shall have the authority to reprimand or impose fine or take any other suitable measures for maintaining the discipline.
- No scholar can receive scholarship/fellowship from more than one source, either Government or Private.
- The fee particulars and mode of payment and other related details may be obtained from the office of Directorate of Research and Development of JNTUH. Fee payment for Full-Time as well as External Candidates is year-wise may be paid before 31st July of every year in DRD. Payment can be made through Online mode (Please refer to JNTUH website for further details).
- In the event of cancellation of Ph.D. registration by the candidate on his/her requestor by the University for any reason, all the fee amount due must be cleared by the candidate for the return of original certificates. If any reason a candidate takes his/her Original Certificates temporarily from the Directorate of R&D office during the course of research work, the original certificates must be returned within the stipulated time as decided by Director, Directorate of R&D, otherwise their admission is liable to be cancelled. The requisition for Original Certificates on temporary basis must be given on a Rs. 10/- bond paper mentioning the date before which the certificates will be returned back to the office. The details are available in the University website.
- There is no provision for issuing Transfer Certificate on completion of Ph.D. degree, however Migration certificate can be obtained from Examination Branch of the University.

Ph.D. (Fulltime/External)
List of Faculty/Department in which Ph.D. programme is offered

ENGINEERING

- Aeronautical Engineering
- Chemical Engineering
- Civil Engineering
- Computer Science & Engineering
- Electrical & Electronics Engineering
- Electronics & Communication Engineering
- Energy Systems
- Industrial Engineering
- Mechanical Engineering
- Metallurgical Engineering
- Transportation Engineering

SCIENCE&TECHNOLOGY

- Bio-technology
- Chemical Engineering
- Chemistry
- Environmental Science & Technology
- Earth & Atmospheric Sciences
- Mathematics
- Nano Science & Technology
- Physics
- Spatial Information Technology
- Water Resources
- Pharmaceutical Sciences
- Food Technology

MANAGEMENT

- Management Sciences

HUMANITIES AND SOCIAL SCIENCES

- English
- Physical Education

Fee Structure

Fee Particular	Fee Particulars (Amount in Rs.)	Full Time Scholars (Amount in Rs.)	Regular/Contract JNTUH Faculty Annual Fee (Amount in Rs.)
Annual Fee	30,000/- (External scholars) 15,000/- (for Asst. Prof. Contract)*	20,000/-	5,000/- (for Regular teaching faculty)
RM Fee	5000/-	5000/-	5000/-
Course Work Fee (Per subject)	5000/-	5000/-	5000/-
RRM Fee	-	-	-
Colloquium Fee	-	-	-
Anti-Plagiarism Fee-		-	-
Thesis Submission Fee	5000/-	5000/-	5000/-

*Any concession in tuition fee is applicable for five academic years only. There after a prescribed fee on par with other full time and external scholars is to be paid.



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