

NEWSLETTER

2017 – 18



Directorate of Research and Development

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

(Established Under A.P. Govt. Act No. 30 of 2008)

Ananthapuramu - 515002, Andhra Pradesh, India.

About the R&D

JNTUA is focusing on Research Programs and need-based technology. Accordingly, an independent R & D Cell was established in the year 2010 to promote and monitor the research programs of the University. R & D cell is headed by a director and supported by office staff. The Directorate administers all the research programs of the University by monitoring and coordinating the research programs. Research and Development Cell coordinates with the Directorate of Admissions for selection and admission of research scholars, and also interacts with the Director of Evaluation for the evaluation of the Thesis. It conducts research review meetings once every three months to evaluate and monitor the research work progress of the scholars. The R & D cell also recommends the sanction of research scholarships to scholars. After the evaluation part of the thesis, R & D Cell conducts viva-voce examinations for the award of the Ph.D. degree in the faculties of Engineering, Science & Technology, Pharmacy, Management and Humanities and Social Sciences.

Aim and Policy:

JNTUA aims at the promotion of research culture in accordance with the academic standards, legal framework, good governance and ethical practices. Research policy provides guidelines on good and ethical practices in the conduct of research to achieve the highest standards. The policy also focuses on utilizing the outcome of the research for the benefit of society.

Strategy:

- To identify thrust areas, funding agencies, guiding and advising the University to go forward in the 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 the industry and to create awareness for sponsored and industrial research.
- 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 Centers 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 Anantapur.
- To focus on the 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 research, teaching and learning and consultancy services.
- To promote and support high-quality research in the area of Engineering, Science and Technology.
- To create a research culture with ethical concerns.
- To initiate an anti-plagiarism policy to carry out fair research.
- To frame guidelines for the smooth conduction of research work.
- To integrate industry-oriented research facilities for the academic community.
- To clarify roles and functions of various committees, Director / Head / BOS Chairperson / DRC of the Department / Research Guide / Scholars in order to facilitate researcher to understand the university research system and smoothly undertake research activities.

Activities in the Academic Year 2017-18

1. Students Admission Information

Table 1.1: Ph.D Scholars admission details

S.No.	Name of the Department	No. of Students admitted		Total Students admitted
		Full time	Part-time	
1	Civil Engineering	0	0	0
2	Electrical and Electronics Engineering	1	1	2
3	Mechanical Engineering	0	2	2
4	Electronics and Communications Engineering	0	4	4
5	Computer Science and Engineering	6	7	13
6	Chemical Engineering	0	0	0
7	Physics	0	0	0
8	Chemistry	0	8	8
9	Mathematics	0	0	0
10	Management	0	1	1
11	Bio-Technology	0	0	0
12	Food-Technology	0	0	0
13	Pharmacy	1	0	1
14	English	0	0	0
Total		08	23	31

2. Details of Research Review Meetings

R&D cell conducts Research Review Meetings regularly to evaluate the research work of the scholars along with their supervisor/co-supervisor. The RRM's main motive is to review the research work of the scholar by the internal and external subject experts according to their research topic. The list of RRMs conducted is shown in Tables 2.1 & 2.2

Table 2.1: Details of Scholars attended for 14thRRM

S.No.	Name of the Department	No. of Students attended for 14 th RRM Conducted during August 2017
1	Civil Engineering	65
2	Electrical and Electronics Engineering	97
3	Mechanical Engineering	113
4	Electronics and Communications Engineering	94
5	Computer Science and Engineering	89
6	Chemical Engineering	24
7	Physics	28
8	Chemistry	32
9	Mathematics	47
10	Management	25
11	Bio-Technology	7
12	Food-Technology	5
13	Pharmacy	65
14	English	29
	Total	720

Table 2.2: Details of the scholars attended for 15thRRM

S.No.	Name of the Discipline	No. of Students attended for 15 th RRM Conducted during January, 2018
1	Civil Engineering	54
2	Electrical and Electronics Engineering	87
3	Mechanical Engineering	93
4	Electronics and Communications Engineering	79
5	Computer Science and Engineering	76
6	Chemical Engineering	8
7	Physics	29
8	Chemistry	35
9	Mathematics	40
10	Management	27
11	Bio-Technology	5
12	Food-Technology	5
13	Pharmacy	51
14	English	23
Total		612

3. Details of the Synopsis, Plagiarism Check & Thesis Submission

The scholars submit their Synopsis after getting approval from the Research Review Committee. An Open seminar is conducted by duly constituted expert committee for the Research Scholar. After successful completion of their seminar, they are intimated to submit the Thesis for Plagiarism check. The R & D Office, check the Plagiarism of the Thesis and reports for submission of the Thesis.

S.No.	Name of the Department	No. of Students submitted Pre-submission Seminar	No. of Students submitted Plagiarism check	No. of Students submitted Thesis
1	Civil Engineering	10	9	9
2	Electrical and Electronics Engineering	15	14	13
3	Mechanical Engineering	11	11	10
4	Electronics and Communications Engineering	18	16	16
5	Computer Science and Engineering	19	18	18
6	Chemical Engineering	4	4	4
7	Physics	5	5	5
8	Chemistry	10	10	10
9	Mathematics	6	6	6
10	Management	7	7	7
11	Bio-Technology	4	4	4
12	Food-Technology	5	5	5
13	Pharmaceutical Sciences	18	16	16
14	English	2	2	2
Total		134	127	125

Address for Correspondence

The Director,
Research & Development Cell,
JNTUA, Ananthapuramu – 515 002.
Andhra Pradesh, India.
Phone No.08554-273006
Email: drnd@jntua.ac.in