

# NEWSLETTER

2020 – 21



## 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.**

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## 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.
- In line with the National Educational Policy (NEP-2022) of achieving self-reliance on the technology front.
- 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 / Principal / 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 2020-21

### I. Recognized Research Centers:

S.No.	Research Centers	Branches
1	G.Pulla Reddy Engineering College(Autonomous), Kurnool.	CE, EEE, ME, ECE, CSE
2	Annamacharya Institute of Technology & Science (Autonomous), Rajampet.	ME,CE, ECE
3	KSRM College of Engineering, Kadapa.	ECE, ME
4	Sri Venkateswara College of Engineering, Tirupati	ECE, CSE
5	Rahavendra Institute of Pharmaceutical Education & Research, Anantapur.	Pharmacy
6	Annamacharya College of Pharmacy, Rajampet.	Pharmacy
7	Seven Hills College of Pharmacy, Tirupati	Pharmacy
8	Sri Venkateswara College of Pharmacy, Chittoor	Pharmacy
9	Creative Educational College of Pharmacy, Pharmacy	

## 2. Students Information

*Table 1.1: Students admitted details*

S.No.	Name of the Department	No. of Students admitted		Total Students admitted
		Full time	Part-time	
1	Civil Engineering	0	22	22
2	Electrical and Electronics Engineering	1	27	28
3	Mechanical Engineering	2	27	29
4	Electronics and Communications Engineering	5	33	38
5	Computer Science and Engineering	5	33	38
6	Chemical Engineering	0	2	2
7	Physics	0	2	2
8	Chemistry	0	2	2
9	Mathematics	0	4	4
10	Management	2	9	11
11	Bio-Technology	0	0	0
12	Food-Technology	0	1	1
13	Pharmacy	3	11	14
14	English	0	5	5
Total		18	178	196

## 3. 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 RRM conducted is shown in Tables 3.1 & 3.2

Table 3.1: Details of the 19<sup>th</sup>RRM

S.No.	Name of the Department	No. of Students attended for 19 <sup>th</sup> RRM during September 2020
1	Civil Engineering	60
2	Electrical and Electronics Engineering	91
3	Mechanical Engineering	78
4	Electronics and Communications Engineering	114
5	Computer Science and Engineering	75
6	Chemical Engineering	18
7	Physics	24
8	Chemistry	31
9	Mathematics	31
10	Management	36
11	Bio-Technology	8
12	Food-Technology	6
13	Pharmacy	75
14	English	26
<b>Total</b>		<b>673</b>

Table 3.2: Details of the 20<sup>th</sup>RRM

S.No.	Name of the Department	No. of Students attended for 20 <sup>th</sup> RRM during February 2021
1	Civil Engineering	46
2	Electrical and Electronics Engineering	81
3	Mechanical Engineering	64
4	Electronics and Communications Engineering	75
5	Computer Science and Engineering	63
6	Chemical Engineering	13
7	Physics	18
8	Chemistry	25
9	Mathematics	30
10	Management	22
11	Bio-Technology	3
12	Food-Technology	8
13	Pharmacy	55
14	English	24
<b>Total</b>		<b>527</b>

#### 4. 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	12	11	10
2	Electrical and Electronics Engineering	9	8	8
3	Mechanical Engineering	13	11	10
4	Electronics and Communications Engineering	15	15	14
5	Computer Science and Engineering	16	14	11
6	Chemical Engineering	4	3	3
7	Physics	5	4	4
8	Chemistry	7	7	7
9	Mathematics	5	4	4
10	Management	4	4	4
11	Bio-Technology	1	1	0
12	Food-Technology	1	1	0
13	Pharmaceutical Sciences	20	18	18
14	English	3	3	3
Total		115	104	96



## **Address for Correspondence**

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