

# NEWSLETTER

2023 – 24



## 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 organisations.
- 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 2023-24

### I. 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	Industrial Quota	
1	Civil Engineering	1	5	0	6
2	Electrical and Electronics Engineering	1	5	0	6
3	Mechanical Engineering	0	2	0	2
4	Electronics and Communications Engineering	2	7	0	9
5	Computer Science and Engineering	1	34	4	39
6	Chemical Engineering	0	1	0	1
7	Physics	0	3	0	3
8	Chemistry	0	3	1	4
9	Mathematics	0	3	0	3
10	Management	0	4	0	4
11	Bio-Technology	0	0	0	0
12	Food-Technology	0	0	0	0
13	Pharmacy	1	10	0	11
14	English	0	4	0	4
<b>Total</b>		<b>06</b>	<b>81</b>	<b>05</b>	<b>92</b>

\* 02 Student (01-ECE, 01-CSE) were admitted under ADF program.

## 2. Details of Research Review Meetings

The Directorate, R&D conducted Research Review Meetings for the evaluation of the research work of the students along with their supervisor/co-supervisor. The RRM's main motive is to review the research work 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 2.3 & 2.4.

Table 2.1: Details of the 27<sup>th</sup> RRM

S.No.	Name of the Department	No. of Students attended the 27 <sup>th</sup> RRM during November 2023
1	Civil Engineering	08
2	Electrical and Electronics Engineering	18
3	Mechanical Engineering	19
4	Electronics and Communications Engineering	18
5	Computer Science and Engineering	24
6	Chemical Engineering	01
7	Physics	12
8	Chemistry	01
9	Mathematics	06
10	Management	08
11	Bio-Technology	01
12	Food-Technology	00
13	Pharmacy	06
14	English	06
	<b>Total</b>	<b>128</b>

Table 2.2: Details of the 28<sup>th</sup> RRM

S.No.	Name of the Department	No. of Students attended the 28 <sup>th</sup> RRM during December 2023
1	Civil Engineering	13
2	Electrical and Electronics Engineering	10
3	Mechanical Engineering	08
4	Electronics and Communications Engineering	25
5	Computer Science and Engineering	32
6	Chemical Engineering	01
7	Physics	05
8	Chemistry	02
9	Mathematics	05
10	Management	04
11	Bio-Technology	00
12	Food-Technology	01
13	Pharmacy	09
14	English	01
<b>Total</b>		<b>116</b>

Table 2.3: Details of the 29<sup>th</sup> RRM

S.No.	Name of the Department	No. of Students attended the 29 <sup>th</sup> RRM during March 2023
1	Civil Engineering	11
2	Electrical and Electronics Engineering	13
3	Mechanical Engineering	14
4	Electronics and Communications Engineering	26

5	Computer Science and Engineering	35
6	Chemical Engineering	01
7	Physics	02
8	Chemistry	00
9	Mathematics	04
10	Management	08
11	Bio-Technology	02
12	Food-Technology	00
13	Pharmacy	14
14	English	02
<b>Total</b>		<b>132</b>

**Table 2.4: Details of the 30<sup>th</sup> RRM**

S.No.	Name of the Department	No. of Students attended the 30 <sup>th</sup> RRM during June 2024
1	Civil Engineering	09
2	Electrical and Electronics Engineering	09
3	Mechanical Engineering	10
4	Electronics and Communications Engineering	12
5	Computer Science and Engineering	24
6	Chemical Engineering	00
7	Physics	02
8	Chemistry	01
9	Mathematics	01
10	Management	08
11	Bio-Technology	00
12	Food-Technology	01

13	Pharmacy	07
14	English	03
<b>Total</b>		<b>87</b>

### 3. Details of the Synopsis, Plagiarism & Thesis

The Directorate, R&D has invited to submit their Synopsis after getting approval from the Research Review Committee & conducting an Open seminar for the Research Scholar. After successful completion of their seminar, they are intimate to submit the Thesis for Plagiarism check. Finally, 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	8	8	10
2	Electrical and Electronics Engineering	16	22	22
3	Mechanical Engineering	12	7	8
4	Electronics and Communications Engineering	14	17	17
5	Computer Science and Engineering	13	12	15
6	Chemical Engineering	5	2	2
7	Physics	6	6	6
8	Chemistry	3	4	4
9	Mathematics	4	4	4
10	Management	3	2	2
11	Bio-Technology	2	2	2
12	Food-Technology	0	0	1
13	Pharmaceutical Sciences	6	7	7
14	English	2	2	2
<b>Total</b>		<b>94</b>	<b>95</b>	<b>102</b>



## **Address for Correspondence**

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