

# NEWSLETTER

2021 – 22



## 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 2021-22

### I. Recognized Research Centers:

S.No.	Research Centers	Branches
1	KSRM College of Engineering (Autonomous), Kadapa.	Civil Engineering
		Computer Science and Engineering
2	Annamacharya Institute of Technology & Science (Autonomous), Rajampet.	Electrical and Electronics Engineering
		Computer Science and Engineering
3	Sree Vidyanikethan Engineering College (Autonomous), Tirupathi	Electrical and Electronics Engineering
		Electronics and Communication Engineering
		Computer Science and Engineering
4	Sri Venkateswara College of Engineering (Autonomous), Karkambadi Raod, Tirupati.	Electronics and Communication Engineering
5	Rahavendra Institute of Pharmaceutical Education & Research, Anantapur.	Pharmacy
6	Sri Venkateswara College of Pharmacy, Chittoor.	Pharmacy
7	Seven Hills College of Pharmacy, Tirupati	Pharmacy

## 2. Students Information

*Table2.1: 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	2	12	3	17
2	Electrical and Electronics Engineering	3	35	1	39
3	Mechanical Engineering	0	33	1	34
4	Electronics and Communications Engineering	3	27	0	30
5	Computer Science and Engineering	3	41	6	50
6	Chemical Engineering	0	4	0	4
7	Physics	0	13	0	13
8	Chemistry	0	4	0	4
9	Mathematics	0	23	0	23
10	Management	0	8	0	8
11	Bio-Technology	0	0	0	0
12	Food-Technology	0	1	0	1
13	Pharmacy	1	20	4	25
14	English	0	2	0	2
<b>Total</b>		<b>12</b>	<b>223</b>	<b>15</b>	<b>250</b>

### 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 RRMs conducted is shown in Tables 3.1, 3.2 & 3.3

Table 3.1: Details of the 21<sup>st</sup> RRM

S.No.	Name of the Department	No. of Students attended the 21 <sup>st</sup> RRM during November 2021
1	Civil Engineering	25
2	Electrical and Electronics Engineering	42
3	Mechanical Engineering	33
4	Electronics and Communications Engineering	61
5	Computer Science and Engineering	38
6	Chemical Engineering	12
7	Physics	6
8	Chemistry	18
9	Mathematics	11
10	Management	19
11	Bio-Technology	8
12	Food-Technology	3
13	Pharmacy	28
14	English	12
<b>Total</b>		<b>316</b>

Table 3.2: Details of the 22<sup>nd</sup>RRM

S.No.	Name of the Department	No. of Students attended the 22 <sup>nd</sup> RRM during February 2022
1	Civil Engineering	26
2	Electrical and Electronics Engineering	61
3	Mechanical Engineering	41
4	Electronics and Communications Engineering	73
5	Computer Science and Engineering	57
6	Chemical Engineering	7
7	Physics	14
8	Chemistry	13
9	Mathematics	14
10	Management	11
11	Bio-Technology	3
12	Food-Technology	8
13	Pharmacy	31
14	English	6
<b>Total</b>		<b>365</b>

Table 3.3: Details of the 23<sup>rd</sup> RRM

S.No.	Name of the Department	No. of Students attended the 23 <sup>rd</sup> RRM during June 2022
1	Civil Engineering	7
2	Electrical and Electronics Engineering	10
3	Mechanical Engineering	8
4	Electronics and Communications Engineering	14
5	Computer Science and Engineering	4
6	Chemical Engineering	2
7	Physics	0
8	Chemistry	0
9	Mathematics	1
10	Management	4
11	Bio-Technology	0
12	Food-Technology	0
13	Pharmacy	8
14	English	1
<b>Total</b>		<b>59</b>

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

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	18	15	14
2	Electrical and Electronics Engineering	15	12	12
3	Mechanical Engineering	10	9	7
4	Electronics and Communications Engineering	21	18	16
5	Computer Science and Engineering	14	13	12
6	Chemical Engineering	9	7	7
7	Physics	5	5	5
8	Chemistry	7	6	6
9	Mathematics	14	11	11
10	Management	12	12	12
11	Bio-Technology	2	2	2
12	Food-Technology	2	2	2
13	Pharmaceutical Sciences	24	21	20
14	English	15	13	12
Total		168	146	138

## **Address for Correspondence**

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