

## Accreditations & Recognitions

- All UG & PG programs are approved by AICTE, New Delhi
- Accredited by NBA in the years 2005, 2013, 2016, & 2019 (till June 2022)
- Recognized by Indian Institute of Chemical Engineers (IIChE), Hyderabad Regional Center
- Department of Chemical Engineering has got the Swayam NPTEL local chapters accreditation from October 2018.



### ➤ Research Publications (Assessment Period-2018-2021):

S. No.	Faculty Name	Area of Specialization	Research Publication	Book Chapters	Patent (Published/Granted*)
1.	Dr. S.V Satyanarayana	Membrane Separations, Pervaporation, Environmental Engineering, Optimization	37	4	02
2.	Dr. T. Bala Narsaiah	Fluidization, Nanotechnology	13	1	-
3.	Mr. M. Kalyan Kumar	Environmental Engineering, Energy Engineering	2	1	-
4.	Dr. S Sharada	Microreactors, Nanotechnology, Environmental Engineering	18	1	-
5.	Dr. B. Dilip Kumar	Nanotechnology, Photo-electrochemistry, Batteries, Electrochemical materials, Environmental Engineering	12	4	01*
6.	Mr. K Subba Rao	Environmental Engineering	-	-	-
7.	Ms.P.Uma Maheshwari	Membrane separations, Pervaporation,	1	-	-
8.	Mr. M. Murali Naik	Adsorption	4	-	-
9.	Mr. A. Raja Sekhar Babu	Nanotechnology	-	-	-
10.	Mr. K. Peddintaiah	Microreactors	3	-	-
11.	Ms.G. NehaMallika	Nanotechnology	1	-	-
12.	Ms. D. Sowjanya	Reaction Engineering	-	-	-
13.	Mr.V.Ramanjeneyulu	Environmental engineering	-	-	-

14.	H. Rehana Anjum	Membrane separations, waste water treatment	1	-	-
15.	Ms. Ch Maneesha	Nanotechnology	-	-	-

### ➤ Patents:

S.No.	Name of the Invention	Names of the inventors	National/International	Published/Granted Year
1.	Antipsoriatic Effects of Clobetasol Loaded Nano Structured Lipid Carriers On Imiquimod Induced Psoriasis	Kudumala Ramesh Reddy, <b>Suggala Venkata Satyanarayana,</b> VeeramJayasankar Reddy, PalagatiSucharitha	National	Application No. 202141009486 A, Published (2021)
2.	Clobetasol Loaded Solid Lipid Nanoparticles on Imiquimod Induced Psoriasis	Kudumala Ramesh Reddy, <b>Suggala Venkata Satyanarayana</b> VeeramJayasankarReddy, PalagatiSucharitha	National	Application No. 202141009425 A, Published(2021)
3.	Click Chemistry based Approach to Improve the Photostability of Dyes for Long Term Stability Dye Sensitized photoelectrochemicalWater splitting	Arun Prakash Upadhyay, <b>Dilip Kumar Behara,</b> Sri Sivakumar, Raj Ganesh S Pala	National	Indian Patent Granted with Patent No: 342773 on <b>Granted (2020)</b>

### ➤ The faculty members are Editorial board members and reviewers as per the below

#### Editorial Board Member of International/ National Journals:

- Antarctica Journal of Chemical Engineering
- International Journal of Biological Sciences and Engineering
- Journal Material Science & Research
- International Journal of Nano Dimension
- International Journal of Chemistry & Chemical Engineering
- Journal of Environmental Research & Development
- International Journal of Application or Innovation in Engg. & Management
- International Journal of Scientific And Engineering Research
- International Journal or Research in Engineering & Technology
- International Journal of Advanced Research
- International Journal of Environmental Research & Management
- Research Journal of Engineering & Technology

#### Reviewers of International Journals:

- ACS Paragon Plus Environment (ACS Publications)
- Journal of Hazardous Materials (Elsevier Journal)
- Journal of Membrane Science (Elsevier Journal)
- Separation and Purification Technology (Elsevier Journal)
- Separation Science & Technology (Taylor & Francis)
- European Journal of Lipid Science (Wiley)
- Chemical Engineering Journal (Elsevier Journal)

- Journal of Chemical Engineering and Materials Science
- International Journal of Environmental Engineering (Elsevier Journal)
- Chinese Journal of Chemical Engineering (Elsevier Journal)

➤ **Awards/Honors received by Faculty (Assessment Period-2018-2021):**

S. No.	Faculty Name	Award/Honour	Organization	State/National/International
1.	Dr.S.V. Satyanarayana	GVPCE award for Best Researcher Amongst Engineering Faculty	JNTUA, Anantapur	State Award
		Best Scientist Award in Engineering Sciences by Govt. of Andhra Pradesh (APCOST) for the year 2017	JNTUA, Anantapur	State Award
2.	Dr. T. Bala Narsaiah	Received "State Teacher Award" in University level from Hon'ble Chief Minister Sri.Y.S.Jagan Mohan Reddy, Government of Andhra Pradesh on 05.09.2019 at Amaravathi, Vijayawada	JNTUA, Anantapur	State Award
3.	Dr. B. Dilip Kumar	District Best NSS Program Officer Award for Anantapur District from NSS Cell, JNT University Anantapur, Anantapuramu on 16-02-2018	JNTUA, Anantapur	District/State Award

➤ **Sponsored Research (Assessment Period-2018-2021):**

Project Title	Duration	Funding Agency	Amount (in lakhs)
Development of highly stable mixed matrix membranes (MMM) for dehydration of hydrazine hydrate via pervaporation for rocket fuel applications.	2018-2021	<b>DST-SERB-EMR</b> Govt, of India	<b>32.78</b>
Nanoparticle Enhanced Phase Change Material Microcapsules/Fibers for Advanced Energy Storage and Allied Applications"	2018-2021	<b>DST-SERB EMR</b> Govt, of India	<b>37.83</b>
Physicochemical Studies of TiO <sub>2</sub> /Fe <sub>2</sub> O <sub>3</sub> /ZnO Heterostructure Assemblies for Electrochemical Water Splitting/Dye Degradation Applications	2017-2019	<b>UGC,</b> Govt. of India	<b>1.2</b>
Physicochemical studies of Type - I/II heterostructure assemblies for electrochemical water splitting/dye degradation applications	2017-2019	<b>IEI, R&amp;D grant in aid,</b> Govt, of India	<b>0.7</b>