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Phone: Off: 0884 -2300900  
Fax: 0884 -2300901

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
**KAKINADA-533003, Andhra Pradesh (India)**  
(Established by Andhra Pradesh Act No. 30 of 2008)

JNTUK/R&D/Research Center/GEC/2022

Date: 08.04.2022

**Dr. L. Sumalatha**

M.Tech, Ph.D.,

**REGISTRAR**

To

**The Principal**

Gudlavaluru Engineering College,  
Gudlavaluru

Sub: JNTUK – R&D – JNTUK – Kakinada – Gudlavaluru Engineering College,  
Gudlavaluru Application for Research Center Status – Regarding

Ref: 1. Resolutions of XXVII Standing Council of Academic Senate dated 2<sup>nd</sup>, 16<sup>th</sup> & 24<sup>th</sup>  
March, 2021 on online

2. Proc. No. JNTUK /R&D/Item no 8 of XXVII academic senate /2021 Date: 23.11.2021

3. JNTUK/R&D/ Research Center / GEC/ 2021-22 dated 21-01-2022

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You are here by informed that the following departments of the Gudlavaluru Engineering College, Gudlavaluru have been cleared for according “**Research Center Status**” for the academic years 2021-22 & 2022-23 vide references cited.

Sl. No	Department
1	Electrical and Electronics Engineering
2	Mechanical Engineering
3	Electronics and Communication Engineering
4	Computer Science and Engineering

It is tentatively planned to issue the certificates pertaining to the above during fourth week of April 2022. You are here by requested to collect the Certificates from Hon’ble Vice Chancellor, JNTUK, Kakinada. The detailed dates will be circulated after finalization of the program.

Copy to

The Secretary to the Hon’ble Vice Chancellor, JNTUK, Kakinada

The Rector, JNTUK, Kakinada

The Director, Research & Development, JNTUK, Kakinada



  
**REGISTRAR**  
**REGISTRAR**

**J.N.T. University Kakinada**  
**Kakinada-533003**





**Jawaharlal Nehru Technological University Kakinada**  
Kakinada – 533003, Andhra Pradesh

Recognizes

Department of Electrical and Electronics Engineering  
**Gudlavalleru Engineering College, Gudlavalleru**

As  
**RESEARCH CENTRE**

For the  
Academic Years 2021-22 & 2022-23

Kakinada  
19<sup>th</sup> March, 2022



*Handwritten signature*  
**REGISTRAR**  
REGISTRAR  
J.N.T. University Kakinada  
Kakinada-533003





**Jawaharlal Nehru Technological University, Kakinada**  
**Kakinada – 533 003, Andhra Pradesh**

**recognizes**

**Department of Electrical and Electronics Engineering**  
**Gudlavalleru Engineering College, Gudlavalleru**

**as a research centre**

**for the academic years**  
**2017-18 & 2018-19**

**Kakinada**  
**17<sup>th</sup> July, 2017**

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**Registrar**  
**REGISTRAR**  
**J.N.T. University Kakinada**  
**KAKINADA-533 003**





**Jawaharlal Nehru Technological University, Kakinada**  
**Kakinada – 533 003, Andhra Pradesh**

recognizes

Department of Electrical and Electronics Engineering  
Gudlavalleru Engineering College, Gudlavalleru

as a research centre

for the academic years  
2014-15 & 2015-16

Kakinada  
4<sup>th</sup> May, 2014

WM  
Registrar





**SESHADRI RAOGUDLAVALLERU ENGINEERING COLLEGE**  
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalleru

**Department of Electrical and Electronics Engineering**

**Research labs:**

S. No	Name of the research lab	Total Cost
1	Applied Soft Computing Research Center	Rs.15,12,068/-

• List of research facilities

S.No	Equipment	Cost
1	iThenticate Software	Rs.5,51,891/-
2	AC servo motor characteristics kit	Rs.27,140/-
3	5KVA IGBT Based Three Phase Voltage Source Inverter	Rs.70,000/-
4	20NOS 600V/20A IGBTs & 4nos Ultrafast High Frequency Diode with PWM Driver Circuit BLDC Motor with Spring Balance Load FPGA Spartan 6LX9 Controller	Rs.2,99,019/-
5	Acer version (intel core i5-10 generation/8GB ram, 1TB HDD)	Rs.47,220/-
6	ACER I5 Systems 8GB DDR3 RAM, 1TB Hard DISK Drive	Rs.1,49,624/-
7	Qube-Usb Panel-Rotary Servo Experiment Panel with Servo Disc And Inverted Pendulum. Quarc Software an single user Licence	Rs.3,67,174/-
<b>TOTAL</b>		<b>Rs.15,12,068/-</b>

*D. V. S. R.*  
Faculty Incharge

*[Signature]*  
HOD





**SESHADRI RAO GUDLAVALLERU ENGINEERING COLLEGE**  
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Seshadri Rao Knowledge Village, Gudlavalleru

**Department of Electrical and Electronics Engineering**


**Details of faculty Guided/ Guiding Ph.Ds during their service.**

Sl. No.	Faculty Name	Supervisor / Co-supervisor	Name of Scholar & College	Name of the University	Guided / Guiding
<b>EEE DEPARTMENT</b>					
1	Dr. M. Siva Kumar	Supervisor	D. Srinivasa Rao Seshadri Gudlavalleru Engineering College	JNTUK, Kakinada	Guided
2		Supervisor	N. Vijayanand PVP Siddhartha Institute of Technology	JNTUK, Kakinada	Guided
3		Supervisor	B. Dasu Seshadri Gudlavalleru Engineering College	JNTUK, Kakinada	Guided
4		Co-Supervisor	A.Ramesh Sri Aditya Engineering College	KL University	Guided
5		Supervisor	G. Vasu Sankethika Vidya Parishad Engg. College	JNTUK, Kakinada	Guided
6		Supervisor	A.S.V .Vijaya Lakshmi Gayatri Vidya Parishad College of Engineering	JNTUK, Kakinada	Guided
7		Co-supervisor	G. Balaji Gudlavalleru Engineering College	JNTUK, Kakinada	Guiding
8		Co-Supervisor	N.V. Bharadwaj Geethanjali Institute of Science & Technology	JNTUK, Kakinada	Guiding
9		Supervisor	Y.Vijaya Prasant	JNTUK, Kakinada	Guiding

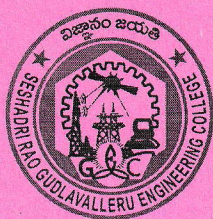


10	Dr. L. Ravi Srinivas	Co-supervisor	B. Mahesh Babu Seshadri Gudlavalleru Engineering College	JNTUH, Hyderabad	Guided
11		Supervisor	A. Amarendra Gudlavalleru Engineering College	JNTUK, Kakinada	Guided
12		Supervisor	V. Aparna DMS SVH College of Engineering	JNTUH, Hyderabad	Guiding
13		Supervisor	M., Ramu GITAM University	JNTUK, Kakinada	Guiding
14		Supervisor	Ch. Trinayani GEC Gudlavalleru	JNTUK, Kakinada	Guiding
15		Supervisor	K. Bhavya BVRIT, Hyderabad	JNTUK, Kakinada	Guiding
16		Supervisor	Bhanu Chandar Yenugu SRKR, Bhimavaram	JNTUK, Kakinada	Guiding
17	Dr. B. Madhu Kiran	Supervisor	D. Vijay Arun Seshadri Gudlavalleru Engineering College	JNTUK Kakinada	Guiding
18	Dr. K. Kalyan Raj	Supervisor	Sufia Khanam Seshadri Gudlavalleru Engineering College	JNTUK Kakinada	Guiding
19		Supervisor	P. Veera Raghavareddy, TKR College of Engineering and Technology	JNTUK Kakinada	Guiding

  
Faculty Incharge

  
**Head of the Department**  
Electrical & Electronics Engineering  
Seshadri Rao  
Gudlavalleru Engineering College  
Seshadri Rao Knowledge Village  
Gudlavalleru - 521 355, Krishna District, A.P.





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**Department of Electrical and Electronics Engineering**

**List of Faculty Pursuing Ph.D**

Sl. No.	Name & Designation of the Faculty	Title of the Ph.D. work	Registered with	Year of Registration	Status
1	CH. Sujatha Assoc. Prof	Analysis of Active Power Filters for Power Quality Improvement	ANU, Guntur	2011	Pre Ph.D Completed
2	Md. Rafi Khan Assoc. Prof	Distance protection in FACTS compensated Transmission lines	JNTUH, Hyderabad	2012	Pre Ph.D Completed
3	K. Vindhya Smitha Assoc. Prof	Electrostatic and image charge effects on metallic particle contamination in GIS using charge simulation method and finite element method	JNTUH, Hyderabad	2012	Pursuing
4	E. Vargil Kumar Assoc. Prof	Design and Control of Hybrid Buck-SEPIC Two Input DC-DC Converter Topologies	IIT Delhi	2012	Thesis submitted
5	G. Balaji Asst. Prof	Flux weakening techniques of permanent magnet machines	JNTUK, Kakinada	2014	Pursuing
6	Ch.Trianyani Asst. Prof	Design of speed controller for variable speed applications of BLDC motor using Metahueristic algorithms	JNTUK, Kakinada	2015	Pursuing
7	D.Bhavana Rushi Asst. Prof	Enhancement of Rotor Stability using FACTS Devices in the Renewable connected Power System	JNTUK, Kakinada	2018	RRM1 Completed
8	G.Ramesh Asst. Prof	Adaptive Control and Study of Renewable Energy Control	JNTUK, Kakinada	2019	Course work Completed
9	V.Naga Babu Asst. Prof	Multi Objective Optimized Voltage Stabilizer	JNTUK, Kakinada	2019	Pre Ph D Completed
10	V.Pratap Babu Asst. Prof	Optimal Allocation of Renewable DG sources in Distribution Systems	JNTUK, Kakinada	2019	Course work Completed
11	B.Rama Krishna Asst. Prof	Performance Analysis of Distribution System Integrated with Renewabke Energy Sources	JNTUK, Kakinada	2019	Course work Completed
12	D.Vijay Arun Asst. Prof	Performance Analysis of Conveter Topologies For EV Applications	JNTUK, Kakinada	2021	pursuing
13	Sufia Khanam Asst. Prof	Synchrophasor Measurement Applications and Optimal Placement of PMU	JNTUK, Kakinada	2021	pursuing

  
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