



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
Kakinada-533003, Andhra Pradesh (India)

**Projects/Internship/Field visits**

**AY : 2021-22**

Program Code	Program Name	Projects		Internships		Field visits	
		No of projects	Total no. of students	No. of Internships	Total no. of students	No. of Field visits	Total no. of students
33	M.Tech – Remote Sensing	3	7	12	14		

  
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Kakinada-533003



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Kakinada-533003, Andhra Pradesh (India)

**Projects**

Program Code: 33

Program Name: M.Tech – Remote Sensing


Year 2020-21

S.No	Student name	Project Title	Guide Name	Dates (Duration)	Organization Location
1	Jilakarra Venkatesh (19IS1D3301)	AI model for Drought prediction using Satellite Indices	S.Mamata, Director	11-2020 to 08-2021	Mahalanobis National Crop Forecast Centre, New Delhi.
2	Singhakolli Sindhura (19IS1D3303)	On increase in transitional Speed of Tropical Cyclones in North Indian Ocean	Ghetiya Satyeshkumar G, Scientist/Engineer 'SD'	01-2021 to 08-2021	National Remote Sensing Centre, Hyderabad
3	Shaik Sabira (19IS1D3304)	Impact of Ocean Warming on Net Primary Production in the northern Indian Ocean: Role of aerosols and river discharge	Dr. V.V.S.S. Sarma, Chief Scientist	02-12-2020 to 30-09-2021	National Institute of Oceanography, Visakhapatnam

  
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**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
**INSTITUTE OF SCIENCE & TECHNOLOGY**  
**SCHOOL OF SPATIAL INFORMATION TECHNOLOGY**

**CERTIFICATE**

This is to certify that the dissertation entitled “**AI MODEL FOR DROUGHT PREDICTION USING SATELLITE INDICES**” being submitted by **Mr J Venkatesh** bearing the Roll number **19IS1D3301** in the partial fulfillment for the award of the degree of **MASTER OF TECHNOLOGY in REMOTE SENSING** to School of Spatial Information Technology, Institute of Science & Technology, JNTUK, Kakinada, Andhra Pradesh, India, is a record of bonafide work carried out by her under the guidance and supervision of the Department.

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**External Examiner**

*Dr. Y. R. Satyaji Rao*

*VIVA conducted via ONLINE mode  
on 27/11/2021*

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*Sudesh*  
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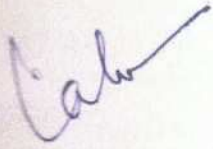


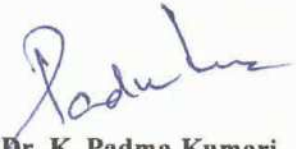


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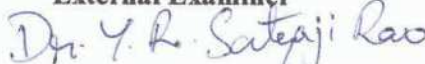
**CERTIFICATE**

This is to certify that the thesis entitled "ON THE INCREASE IN TRANSLATIONAL SPEED OF TROPICAL CYCLONES IN NORTH INDIAN OCEAN" being submitted by Mrs. S. SINDHURA bearing the Roll number 19IS1D3303 in the partial fulfillment for the award of degree of MASTER OF TECHNOLOGY in REMOTE SENSING to School of Spatial Information Technology, Institute of Science & Technology, JNTUK, Kakinada, Andhra Pradesh, India, is a record of bona fide work carried out by him/her under the guidance and supervision of the Department.

  
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**CERTIFICATE**

This is to certify that the thesis entitled “Impact of ocean warming on Net Primary Production in the northern Indian Ocean: Role of aerosols and river discharge” is a bonafide work carried out by **SHAIK SABIRA** bearing the roll number **19IS1D3304** during the period **December 2020 to September 2021** under the guidance and supervision for the fulfillment for the award of degree of Master of Technology in Remote Sensing, Jawaharlal Nehru Technological University, Kakinada, Andhra Pradesh, India. The thesis has not previously formed the basis for the award of any degree of any institute or university.

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