



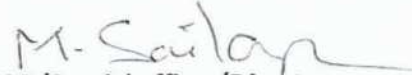
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
Kakinada-533003, Andhra Pradesh (India)

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
1D97	SCHOOL OF AVIONICS	09	09	01	01	00	00


Coordinator


HOD/Special officer/Director
Head of the Department
- School of AVIONICS
Institute of Science and Technology
Jawaharlal Nehru Technological University Kakinada
KAKINADA-533 003,(A.P) India


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



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Kakinada-533003, Andhra Pradesh (India)

Projects

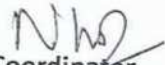
Program Code:

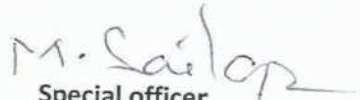
Program Name: SCHOOL OF AVIONICS

Year 2021-22

S.No	Student name	Project Title	Guide Name	Dates (Duration)	Organization Location
1.	CH. Swarupa Rani	HYBRID MULTI SPECTRAL IMAGE FUSION ALGORITHM FOR CONGLOMERATE APPLICATIONS	Dr.VPS NAIDU	1 YEAR	JNTUK, KAKINADA
2.	Rajarajeshwari Dokku	INFRARED POINT TARGET DETECTION BASED ON LOCAL PATCH IMAGE CONSTRUCTION	Mr. M. SRINIVAS	6 Months	JNTUK, KAKINADA
3.	K jayasree	MULTI-IMAGING SENSOR DATA FUSION FOR ENHANCING POOR VISIBILITY USING HYBRID APPRAOCH	Mr. G. SIVA GANESH	6 Months	JNTUK, KAKINADA
4.	Dommsi Goutam Raju	DESIGN OF H_{∞} BASED AUTO PILOT FOR FLEXIBLE BODY MISSILE	Mr. G. SIVA GANESH	6 Months	JNTUK, KAKINADA
5.	Vyshnavi Lakkoju	CHAOTIC MAP BASED LOW COMPLEXITY IMAGE ENCRYPTION FOR SECURE DRONE DELIVERY SYSTEM	Mr. G. SIVA GANESH	6 Months	JNTUK, KAKINADA
6.	Pentapati Naga Siva Narayana	DESGIN OF CUBESAT DYNAMIC SIMULATION	Mr. M.SRINIVAS	6 Months	JNTUK, KAKINADA
7.	Alamuri Ravi Chandra kumar	DESGIN AND DEVELOPMENT OF NERUAL NETWORK ALGORITHMS FOR ENGINE BEARING HEALTH CONDITION MONITORING	Mr. M.SRINIVAS	6 Months	JNTUK, KAKINADA
8.	Patnala Prasanth	DESIGN OF MATLAB BASED GUI FOR GEARBOX CONDIORN MONITORING BASED ON VIBRATION ANALYSIS	Mr. M. SRINIVAS	6 Months	JNTUK, KAKINADA

9.	Cheekati Vamsi Krishna	DESIGN OF ATTITUDE CONTROL MECHANISM FOR TARGET AIMING WEAPON SYSTEM USING INERTIAL MEASUREMENT UNIT	Mr.M.SRINIVAS	6 Months	JNTUK, KAKINADA
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Coordinator


Special officer
Head of the Department
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Jawaharlal Nehru Technological University Kakinada
Kakinada – 533003, A.P.



CERTIFICATE

This is to certify that the project work entitled “**Infrared point target detection based on local patch image construction**” being submitted for the partial fulfilment of the requirements for the award of the degree of **Master of Technology** in **Avionics** to Institute of Science and Technology, JNTUK, is a bona fide work done by **Ms. Raja Rajeswari Dokku (Regd. No: 19IS1D9703)** under my guidance during the academic year 2019-2021 and it has been found suitable for acceptance according to the requirements of the University.

Supervisor

Mr M. Srinivas, M. Tech, M.B.A
Assistant Professor
School of Avionics
Institute of Science & Technology
JNTUK Kakinada

Academic Advisor in-charge

Academic Advisor i/c
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Institute of Science & Technology
Jawaharlal Nehru Technological University Kakinada
Kakinada - 533003



CERTIFICATE

This is to certify that the project work entitled “ **MULTI- IMAGINING SENSOR DATA FUSION FOR ENHANCING POOR VISIBILITY USING HYBRID APPRAOCH**” being submitted for the partial fulfillment of the requirements for the award of the degree of **Master of Technology in Avionics** to Institute of Science and Technology, JNTUK-Kakinada, is a bonafide work done by **K. JAYASREE (Regd. No: 18IS1D9704)** during the academic year 2018-2020 and it has been found suitable for acceptance according to the requirements of the University.

Supervisor

Mr. G. Siva Ganesh, M.Tech,
Assistant Professor (c)
School of Avionics
Institute of Science & Technology
JNTUK Kakinada

Academic Advisor Incharge

School of Avionics
Institute of Science & Technology
JNTUK Kakinada

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School of Avionics
Institute of Science and Technology
Jawaharlal Nehru Technological University Kakinada,
Andhra Pradesh -533003

2019-2021



CERTIFICATE

This is to certify that the project work entitled "CHAOTIC MAP BASED LOW COMPLEXITY IMAGE ENCRYPTION SECURE DRONE DELIVERY SYSTEM" being submitted for the partial fulfilment of the requirements for the award of the degree of Master of Technology in Avionics to Institute of Science and Technology, JNTUK, is a bonafide work done by VYSHNAVILAKKOJU (Regd. No.19IS1D9706) under my guidance during the academic year 2020 -2021 and it has been found suitable for acceptance according to the requirements of the University.

Supervisor

Mr. G. SIVA GANESH, M. Tech

Assistant Professor (C)

School of Avionics

IST, JNTUK

Academic Advisor in charge

Institute of Science and Technology

School of Avionics

JNTUK Kakinada

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Institute of Science & Technology
Jawaharlal Nehru Technological University Kakinada
Kakinada – 533003, A.P.



CERTIFICATE

This is to certify that the project work entitled “**Design of Cubesat Dynamic Simulation**” being submitted for the partial fulfilment of the requirements for the award of the degree of **Master of Technology in Avionics** to Institute of Science and Technology, JNTUK, is a bona fide work done by **Mr. Pentapati Naga Siva Narayana** (Regd. No: 19IS1D9710) under my guidance during the academic year 2019-2021 and it has been found suitable for acceptance according to the requirements of the University.

M. Srinivas

Internal Supervisor
Mr M. Srinivas, M. Tech, M.B.A
Assistant Professor
School of Avionics
Institute of Science & Technology
JNTUK Kakinada

Academic Advisor in-charge

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Pentapati
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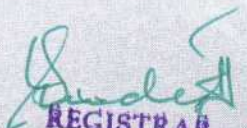
This is to certify that the project work entitled "DESIGN AND DEVELOPMENT OF NEURAL NETWORK ALGORITHMS FOR ENGINE BEARING HEALTH CONDITION MONITORING" being submitted for the partial fulfilment of the requirements for the award of the degree of **Master of Technology** in Avionics to Institute of Science and Technology, JNTUK, is a bona fide work done by **Mr. Alamuru Ravi Chandra Kumar (Regd. No: 19IS1D9712)** under my guidance during the academic year 2020-2021 and it has been found suitable for acceptance according to the requirements of the University.

Internal Supervisor

Mr. M. Srinivas, M. Tech, M.B.A
Assistant Professor
School of Avionics
IST, JNTUK Kakinada

Academic Advisor

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Kakinada – 533003, A.P.



CERTIFICATE

This is to certify that the project work entitled "Design of MATLAB Based GUI for Gearbox Condition Monitoring Based on Vibration Analysis" being submitted for the partial fulfilment of the requirements for the award of the degree of **Master of Technology** in **Avionics** to Institute of Science and Technology, JNTUK, is a bona fide work done by **Mr. Patnala Prasanth (Regd. No: 19IS1D9713)** under my guidance during the academic year 2019-2021 and it has been found suitable for acceptance according to the requirements of the University.

M. Srinivas
2/12

Internal Supervisor

Mr M. Srinivas, M. Tech, M.B.A
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Institute of Science & Technology
JNTUK Kakinada

Academic Advisor in-charge

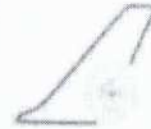
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Dr. VPS Naidu DECE, ME, PhD
FIE(I), CEng(I), FIETE, CEng(IETE), FCET(I), FAeSI
Scientist F & Professor (AcSIR, An Institution of National Importance by Act of Parliament),
Multi Sensor Data Fusion Lab, Flight Mechanics & Control Division.

CERTIFICATE

This is to certify that the Project report entitled "HYBRID MULTI SPECTRAL IMAGE FUSION ALGORITHM FOR CONGLOMERATE APPLICATIONS" submitted by "Ms. Chavvakula Swarupa Rani (Regd. No: 191S1D9702)", a student of Institute of Science and Technology, JNTUK, Kakinada, in partial fulfilment of the requirements for the award of the degree of Master of Technology in Avionics from Institute of Science & Technology, JNTUK Kakinada University is a bona-fide record of the work carried out (online mode) at Multi Sensor Data Fusion Lab, Flight Mechanics and Control Division, Council of Scientific and Industrial Research - National Aerospace Laboratories, Bangalore from 20/11/2020 to 29/11/2021 under my supervision and guidance.


(VPS Naidu)


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