



Department :		Industrial and Production Engineering
Academic Year : 2021-22		
Sr. No.	Programme Code	Name of the Programme
01.	ENT-PG-CA 0549	M. Tech. Industrial and Production Engineering

Following students have carried out their Project work/ Internship/
Field Project/Industrial Training for the academic session 2021-22

Si.No.	Name of the Students	Page No
1.	Vikas Jangde	2-4

विभागाध्यक्ष / Head
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Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

Signature and Seal of the Head

गुरु घासीदास विश्वविद्यालय
(केन्द्रीय विश्वविद्यालय अधिनियम 2009 क्र. 25 के अंतर्गत स्थापित केन्द्रीय विश्वविद्यालय)
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Guru Ghasidas Vishwavidyalaya
(A Central University Established by the Central Universities Act 2009 No. 25 of 2009)
Koni, Bilaspur - 495009 (C.G.)

CNN VISION-BASED NAVIGATION OF QUADROTORS

Of

MASTER OF TECHNOLOGY
(CAD-CAM & ROBOTICS)

Dissertation Stage - I

Under the supervision of
Prof. Mukesh Kumar Singh

and

Co-supervision of
Dr. Ganesh P. Shukla



Submitted

By

Vikas Jangde

M.Tech (IIIrd Semester)

(Roll No.21034101)

Department of Industrial and Production Engineering

School of Studies of Engineering and Technology

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A handwritten signature in blue ink, appearing to read "Vikas Jangde".

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CANDIDATE'S DECLARATION

I hereby certify that the work which is being presented in the progress report entitled "CNN Vision-based Navigation of Quadrotor" by "Vikas Jangde" is in partial fulfillment for the award of the degree of M.Tech. (CAD/CAM- ROBOTICS Robotics) submitted to the Department of Industrial and Production Engineering of Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, Chhattisgarh, India is an authentic record of my work carried out during the period from November 2022 to March 2023 under the supervision of Prof. Mukesh Kumar Singh and co-supervision of Dr. Ganesh Prasad Shukla. The matter presented in the progress report has not been submitted by me or anybody else in any other university /institute for the award of any degree/diploma.

This is to certify that the above statement made by the candidate is correct to the best of our knowledge.

Signature of the supervisor

PROF. MUKESH KUMAR SINGH

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CERTIFICATE

As per the University Grant Commission (promotion of academic integrity and prevention of plagiarism in higher education institute) regulation 2023 dated 3rd March 2023 progress report CNN VISION BASED NAVIGATION OF QUADROTOR” of Vikas Jangde, a student of M.Tech (CAD/Cam-ROBOTICS) III semester has been checked by URKUND software available at Central Library, Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, Chhattisgarh, India. The amount of similarity in the progress report 6%. The signed URKUND similarity report is attached to the certificate.

Signature of Student

VIKAS JANGDE

Signature of the Supervisor

PROF. MUKESH KUMAR SINGH

Signature of the Co-Supervisor

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