



Criterion 1: Curricular Aspects

1.3 Curriculum Enrichment

1.3.4.1: Number of students undertaking field projects / internships / student projects

Programme Name: M.E – Communication Systems.

Sl.No.	Description	Page Number
1	Project Phase 1	2-11
2	Project Phase 2	12-16



Criterion 1: Curricular Aspects

1.3 Curriculum Enrichment

1.3.4.1: Number of students undertaking field projects / internships / student projects

Programme Name: M.E Communication Systems

Field Projects/Student Projects Proof



A COMPACT METAMATERIAL LOADED MIMO ANTENNA FOR SUB 6GHz 5G APPLICATIONS

A PROJECT REPORT

(Phase - I)

Submitted by

V.ARULKUMAR (927621MCM001)

in partial fulfillment for the award of the degree

of

MASTER OF ENGINEERING

in

COMMUNICATION SYSTEMS

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

ANNA UNIVERSITY: CHENNAI 600 025

DECEMBER 2022

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

(An Autonomous Institution Affiliated to Anna University, Chennai)



BONAFIDE CERTIFICATE

Certified that this project report "A COMPACT METAMATERIAL LOADED MIMO ANTENNA FOR SUB 6GHz 5G APPLICATIONS" is the bonafide work of "V.ARULKUMAR (927621MCM001)" who carried out the project work under my supervision in the academic year 2022-2023.

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This project report has been submitted for the **19PCMP104L-Project Work Phase I** Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on 28.12.2022

INTERNAL EXAMINER

EXTERNAL EXAMINER



GRAPH DEEP LEARNING BASED INFERENCE OF FINE GRAINED AIR QUALITY FROM MOBILE IoT SENSORS

A PROJECT REPORT

(Phase - I)

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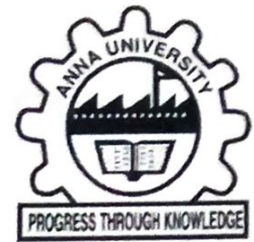
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INTERNAL EXAMINER

EXTERNAL EXAMINER



WOMEN SAFETY USING IoT DEVICE WITH LOCATION AND VIDEO

A PROJECT REPORT

(Phase - I)

Submitted by

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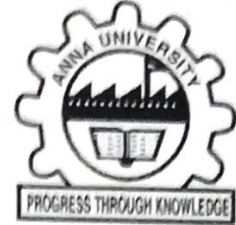
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INTERNAL EXAMINER

EXTERNAL EXAMINER



MACHINE LEARNING METHODS FOR IDENTIFYING AND CATEGORISING MORINGA OLEIFERA LEAF DISEASE

A PROJECT REPORT

(Phase - I)

Submitted by

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28.12.2022

28/12/2022
INTERNAL EXAMINER

EXTERNAL EXAMINER



**CNN-BASED FEATURE EXTRACTION FOR SKIN LESION
DETECTION SYSTEM: A DEEP LEARNING-ORIENTED
CLASSIFICATION**

A PROJECT REPORT

(Phase - I)

Submitted by

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DECEMBER 2022

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INTERNAL EXAMINER

EXTERNAL EXAMINER

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This project report has been submitted for the 19PCMP105L-Project Work Phase II Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on 12.4.23.

INTERNAL EXAMINER

EXTERNAL EXAMINER

ii



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BONAFIDE CERTIFICATE

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INTERNAL EXAMINER

EXTERNAL EXAMINER



M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR
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Certified that this project report "Recurrent Neural Network-based concept for the Classification of Skin Cancer" is the bonafide work of "K.THULASIMANI (927621MCM004)" who carried out the project work under my supervision in the academic year 2022-2023.

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INTERNAL EXAMINER

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Certified that this project report “ANALYSIS OF AIR POLLUTANTS BY USING MACHINE LEARNING AND DEEP LEARNING ALGORITHMS” is the bonafide work of “M.VAIDEGI (927621MCM005)” who carried out the project work under my supervision in the academic year 2022-2023.

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INTERNAL EXAMINER

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