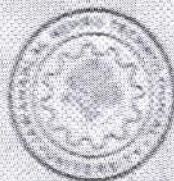


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KAKINADA - 533 003, ANDHRA PRADESH, INDIA

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PROVISIONAL CERTIFICATE

Hall Ticket No. : 14022P0416  
Institution : JNTU K. Kakinada  
Author No. :

This is to certify that Mr/Mrs. **T SANDHYA KUMARI**

son/daughter of Shri. **SATYA NARAYANAMURTHY** has satisfied all  
the requirements for the award of **Doctor of Philosophy** in the faculty  
of **ELECTRONICS & COMMUNICATION ENGINEERING** for the Thesis  
entitled "Development of Contrast-Enhanced Feature-Extraction Based  
Algorithms for Multiple-Sensor Image Fusion".

Date: 22-03-2022

\* Medium of Instructions and Examinations in English

Controller of Examinations

Director of Evaluation

Registrar





**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY: KAKINADA**  
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**Prof. V. Ravindra**  
B.Tech., M.E., Ph.D (IITB), MISTE., FIE  
Professor of Civil Engineering & Director, R&D

Dated: 09.02.2022

To  
**Dr. Subhash C Sharma**  
Professor of Electronics & Computer Engineering,  
IIT, Roorke, Saharanpur Campus  
Saharanpur – 247001, UP

Sir,

Sub: Conduct of Online Ph.D Viva-Voce Examination to **Mrs. T. Sandhya Kumari**  
**Roll. No.14022P0416** in ECE discipline on **17.02.2022** – Req – Reg.

Ref: (i) Director of Evaluation, JNTUK Kakinada, Lr. No.Ph.D/710/ECE/Mrs. T. Sandhya Kumari/  
14022P0416/2021/ Dt.19<sup>th</sup> January, 2022.  
(ii) R&D office email dated. 21.01.2022  
(iii) e-Office (1629072) note file approval of Hon'ble Vice Chancellor, Dated 01.02.2022  
(iv) As per the e-mail conversation from Internal Examiner, dated 08.02.2022

\*\*\*

Vide reference (i) & (ii) cited, the following are appointed as the viva-voce board to conduct the online Ph.D Viva-voce examination to **Mrs. T. Sandhya Kumari**, **Roll. No.10022P0416** in the faculty of **Electronics and Communication Engineering** discipline for the Ph.D thesis entitled "**Development of Contrast-Enhanced Feature – Extraction Based Algorithms for Multiple-Sensor Image Fusion**":

1. **Dr. Subhash C Sharma - (External Examiner)**  
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IIT, Roorke, Saharanpur Campus, Saharanpur – 247001, UP  
E-mail: [scs60fpt@iitr.ernet.in](mailto:scs60fpt@iitr.ernet.in) / [scsfpt@gmail.com](mailto:scsfpt@gmail.com) / M: 9219572345
2. **Dr. I. Santi Prabha - (Internal Examiner & Co-Supevisor)**  
Professor of ECE (Retd),  
UCEK, JNTUK, Kakinada  
Email: [santiprabha@yahoo.com](mailto:santiprabha@yahoo.com) / M: 9133695833
3. **Dr. M. Sailaja - (Observer)**  
Professor, Department of ECE,  
UCEK, JNTUK, Kakinada  
Email: [maruvada.sailaja@gmail.com](mailto:maruvada.sailaja@gmail.com) / M: 9866243630
4. **Dr. A. M. Prasad – (Observer)**  
Professor, Department of ECE,  
UCEK, JNTUK, Kakinada  
Email: [a\\_malli65@yahoo.com](mailto:a_malli65@yahoo.com) / M: 9441564840
5. **Dr. B. T. Krishna – (Convener)**  
Professor & Head, Department of ECE,  
UCEK, JNTUK, Kakinada  
Email: [tkbattula@gmail.com](mailto:tkbattula@gmail.com) / M: 9848992922

Vide references (ii) & (iii) cited, the date of Ph.D viva-voce examination is fixed at 11.00 AM on 17<sup>th</sup> February, 2022 through the online link <https://meet.goto.com/838217725>

The Internal examiner may please be in touch with the viva-voce board members and inform the candidate **Mrs. T. Sandhya Kumari** about the details of viva-voce examination.

**Dr. B. T. Krishna (Convener)** is requested to make the necessary logistics to conduct the online viva voce examination and inform about it to the faculty, research scholars and students of the department.

After successful completion of viva-voce, external examiner shall fill two copies of viva-voce reports with self hand writing and signature and these shall be dispatched to internal examiner through registered Indian post along with filled-in honorarium bill form. A scanned copy of report shall be emailed to internal examiner with a copy to Director (R&D) and convener.

The internal examiner shall take a copy of report received from external examiner through email and affix a signature on it and a scanned copy shall be emailed to Director R&D with a copy to external examiner and convener. Further, upon receiving hard copies from external examiner through post, internal examiner shall affix a signature on reports and these shall be submitted by hand or dispatched by registered Indian post along with filled-in honorarium bill forms to Director (R&D).

The convener shall submit the following to Director (R&D) within two days after viva-voce: (i) Scanned copy of viva-voce reports received through email from internal and external examiners (ii) Video link (recording written to a DVD) of viva-voce examination (iii) Convener report with signatures of observers and other members if any who has attended online examinations. The convener and observers shall submit the convener report about viva-voce process as it is online examination process.

The viva-voce board members will be paid honorarium as detailed below:

- |  |             |   |
|--|-------------|---|
| i) External Examiner   | : Rs.3000/- |   |
| ii) Internal Examiner  | : Rs.3000/- |   |
| (Rs.1500/- each in case both Supervisor & Co-Supervisor attended the online viva voce) |             |   |
| iii) Supervisor  | : Rs.3500/- | } (If only One Supervisor<br>Rs. 7000/- will be paid) |
| iv) Co-Supervisor  | : Rs.3500/- |   |
| v) Convener  | : Rs.500/-  |   |
| vi) Each Observer  | : Rs.500/-  |   |

  
**DIRECTOR (R&D)**  
Director, Research & Development  
JNT University Kakinada

CC

1. **Dr. I. Santi Prabha** (Internal Examiner & Co-Supervisor), Professor of ECE (Retd), UCEK, JNTUK, Kakinada.
2. **Dr. S. Koteswara Rao** (Supervisor), Professor of ECE, K.L.E.F (Deemed to be University), Vaddeswaram, Guntur Dist (M: 9290145396 / 7095802572 / rao.sk9@gmail.com)
3. **Dr. M. Sailaja** (Observer) Professor of ECE, UCEK, JNTUK, Kakinada
4. **Dr. A. M. Prasad** (Observer), Professor of ECE, UCEK, JNTUK, Kakinada
5. **Dr. B. T. Krishna** (Convener), Professor & Head, Department of ECE, UCEK, JNTUK, Kakinada
6. The Director of Evaluation, JNTUK
7. The Principal, UCEK, JNTUK.





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Development of Contrast Enhanced Feature  
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Sensor Image Fusion

Name of the  
Researcher

T. Sandhya Kumari

Name of the  
Guide

S. Koteswara Rao and I. Santi Prabha

Completed  
Year

2022

Name of the  
Department

Department of Electronics and Communication  
Engineering

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University

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