



# NARSIMHA REDDY ENGINEERING COLLEGE


## UGC AUTONOMOUS INSTITUTION

Maisammaguda (V), Kompally - 500100, Secunderabad, Telangana State, India

UGC - Autonomous Institute  
Accredited by NBA & NAAC with 'A' Grade  
Approved by AICTE  
Permanently affiliated to JNTUH

Details of teachers awarded National/International fellowship for advanced studies/ research during the year 2023-2024

Name of the teacher awarded national/ international fellowship/financial support	Name of the Award/Fellowship	Month and Year of Award	Awarding Agency
Dr. P. Dileep Kumar Reddy	Post-doctoral Research	October 14, 2023	University of Louisiana at Lafayette, USA

  
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PRINCIPAL  
NARASIMHA REDDY ENGINEERING COLLEGE  
UGC AUTONOMOUS  
Survey No.518, Maisammaguda (V), Dist. Medchal  
Medchal Taluqa, Medchal Dist., Hyderabad - 500015



UNIVERSITY OF LOUISIANA AT LAFAYETTE

# Certificate of Completion

presented to

**Dr. P. Dileep Kumar Reddy**

**Topic : : Early fire danger Monitoring System for Smart  
Cities Based on big data and artificial intelligence**

Guide -Dr. Martin Margala

Co-guides - Dr. Siva Shankar S and Dr. Prasun Chakrabarti

Duration - October 15, 2022 - October 14, 2023

In recognition of your completed research accomplishments as a post-doctoral fellow at  
our school for the academic year 2022-2023.

A handwritten signature in black ink, likely belonging to Dr. Prasun Chakrabarti.

**Dr. Prasun Chakrabarti** , Deputy Provost  
ITM (SLS) Baroda University , INDIA



A handwritten signature in black ink, likely belonging to Dr. Martin Margala.

**Dr. Martin Margala**, Director  
School of Computing and Informatics  
University of Louisiana at Lafayette , USA



Ref: Univ\_Louisiana / Postdoc Fellow / Grant/2022 / 002Y

Date: October 12, 2022

To  
Dr. P Dileep Kumar Reddy  
Associate Professor,  
Department of CSE,  
Narsimha Reddy Engineering College(Autonomous),  
Hyderabad, Telangana. INDIA.

Dear **Dr. P Dileep Kumar Reddy**,

**Subject:** Formal Offer of **Post-Doctoral Fellow in Artificial Intelligence (Blended Mode) under Post-doctoral Co-Laboratory Program** at Laboratory for Design of Sustainable Secure Compute-Memory Architectures, School of Computing and Informatics at the University of Louisiana at Lafayette

We are delighted to extend an offer of a **Post-Doctoral Fellow in Artificial Intelligence (Blended Mode) under Post-doctoral Co-Laboratory Program** offered by Laboratory for Design of Sustainable Secure Compute-Memory Architectures, School of Computing and Informatics at the University of Louisiana at Lafayette.

The main objective of this programme is to establish global research ecosystem with an extensive co-laborative program through a network of Universities and Colleges in India, Egypt, Saudi Arabia and Malaysia to push the boundaries of AI applications.

Your outstanding qualifications and research achievements have positioned you as the ideal candidate for this fellowship.

**Fellowship Details:**

**Supervisor** – Prof. Dr. Martin Margala, Director of School of Computing and Informatics, University of Louisiana at Lafayette, USA

**Co-Supervisors** –

- Prof. Dr. Siva Shankar S, Department of Computer Science and Engineering, K G Reddy College of Engineering and Technology (Autonomous), Telangana, INDIA
- Prof. Dr. Prasun Chakrabarti , Deputy Vice chancellor, ITM (SLS) Baroda University, INDIA

**Fellowship Title:** Post-Doctoral Fellow in Machine Learning (Hybrid Mode)

**Duration:** October 15, 2022 – October 14, 2023

**Stipend:** \$1500/- Per Month

**Other Benefits:** Virtual access to Research Resources that includes Laboratory Cloud Resources, Corpus of Indexed research databases, Virtual development platforms etc.



**Terms and Conditions:**

**Start Date:** Your fellowship is expected to commence on **October 15, 2022**. Please ensure your regular attendance for virtual discussions every day as per **10.00 AM to 12.00 PM CST** (Central Standard Time).

**Stipend:** You will receive a stipend of \$1500 per Month, subject to applicable taxes and deductions. Stipend payments will be disbursed on a quarterly basis through co-supervisors on monitoring research progress.

**Research Project:** Your primary responsibility will be to contribute to the on-going research project of the laboratory, **Development of Multidimensional AI Applications**, that integrates you topic **“Early fire danger Monitoring System for Smart Cities Based on big data and artificial intelligence”**. Detailed information about the project, your role, and project expectations will be provided during the on boarding process.

**Performance Review:** Your performance will be assessed regularly, and feedback sessions will be conducted to ensure your professional and research development.

**Deadline for Acceptance:**

We kindly request that you carefully review this offer letter and return the signed copy by 14<sup>th</sup> October 2022. Your acceptance of this offer will indicate your commitment to the fellowship, and it will enable us to proceed with the necessary administrative processes.

**Next Steps:**

If you have any questions or require further clarification, please feel free to contact me at [martin.margala@louisiana.edu](mailto:martin.margala@louisiana.edu)

Once again, congratulations on your selection. We look forward to welcoming you to our laboratory and are excited about the contributions you will make to our research community.

Thank you for considering this opportunity, and we anticipate your positive response.

Sincerely,



**Prof. Dr. Martin Margala,**  
Director of School of Computing and Informatics,  
University of Louisiana at Lafayette, USA  
Email - [martin.margala@louisiana.edu](mailto:martin.margala@louisiana.edu)





Ref : Univ\_Louisiana / PDF / 2022 / 001X

Date : September 28, 2022

To  
Dr. P. Dileep Kumar Reddy  
Associate Professor  
CSE Department  
Narsimha Reddy Engineering College (Autonomous)  
Secunderabad, Telangana State, India- 500100.  
Email – dileepreddy503@nrcmec.org

Dear Dr Dileep ,

You can pursue one year Post-doctoral\* Research 2022. Please note -

Duration – **October 15 , 2022 – October 14, 2023**

Supervisor – **Prof. Dr. Martin Margala**, Director of School of Computing and Informatics, University of Louisiana at Lafayette, USA

Co-Supervisors – **Prof. Dr. Siva Shankar S**, Department of Computer Science and Engineering, K G Reddy College of Engineering and Technology (Autonomous), Telengana, INDIA and

**Prof. Dr. Prasun Chakrabarti** , Deputy Vice chancellor, ITM (SLS) Baroda University, INDIA

Topic – **Early fire danger Monitoring System for Smart Cities Based on big data and artificial intelligence**

You need to publish at least one SCI journal paper and submit a compiled report on the one-year postdoctoral work by October 20, 2023 followed by viva-voce in front of external examiner.

Best wishes

**Prof. Dr. Martin Margala**,  
Director of School of Computing and Informatics,  
University of Louisiana at Lafayette, USA  
Email – martin.margala@louisiana.edu

*\*Only PhD holders are eligible*