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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Top News

- Professional Society(CSI)
- Machine Learning Club
- GLUG Club
- Faculty Achivement
- Student Achivement
- Placement

NEXTGEN NEWS
DEC 2024

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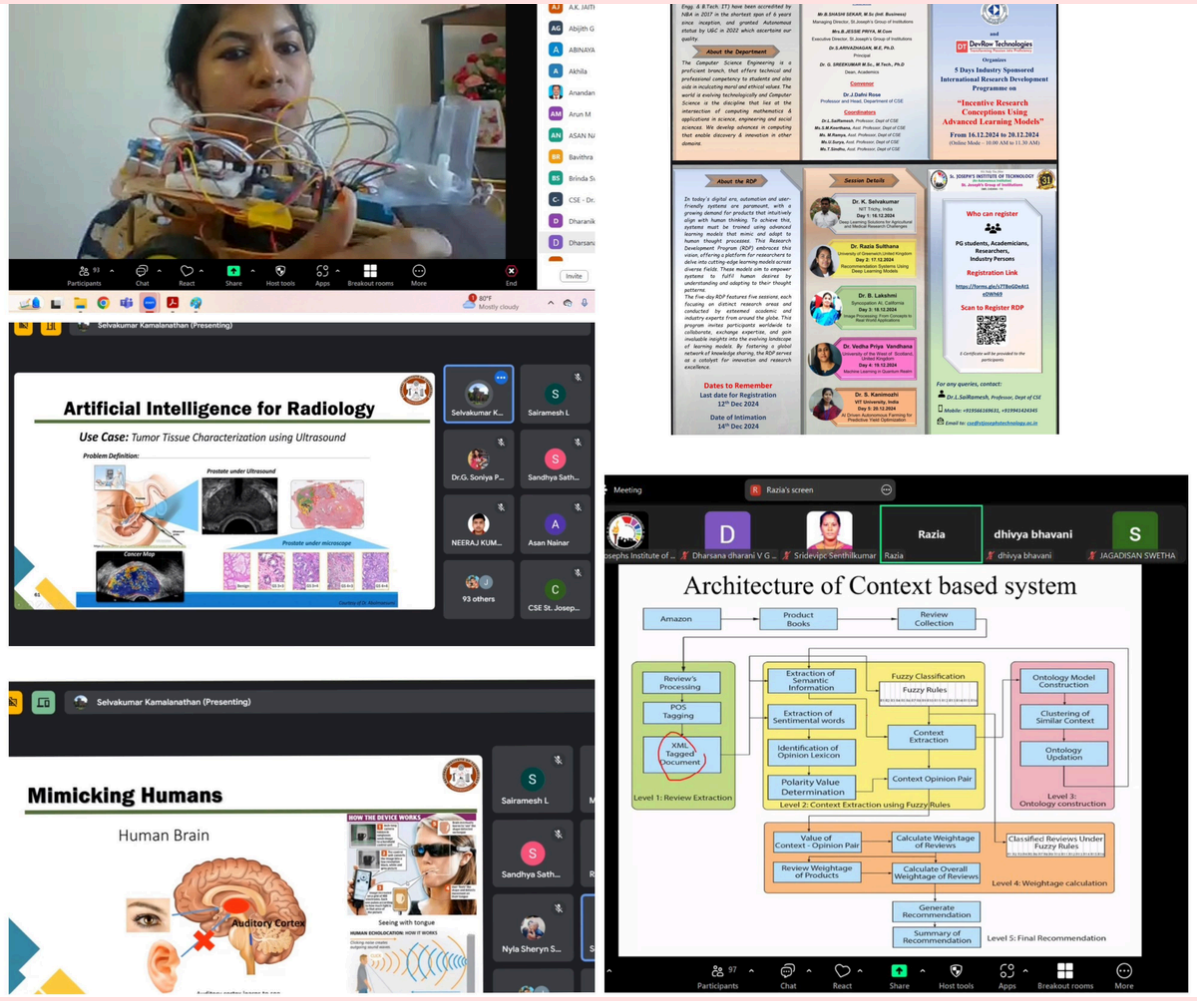
The Choice of Disciplined Toppers

Professional Chapter Activity - Computer society of India

Department of Computer Science Engineering of St. Joseph's Institute of technology in association with Computer Society of India (Kancheepuram Chapter) has conducted an encouraging and inspiring 5 days Industry Sponsored International Research Development program on Incentive Research Conceptions Using Advanced Learning Models. The RDP was conducted from 16th December 2024 to 20th December 2024. Prominent resource persons for the RDP included Dr. S. Kanimozhi from VIT University, India; Dr. Vedha Priya Vandhana from the University of the West of Scotland, United Kingdom; Dr. B. Lakshmi from Syncopation AI, California; Dr. Razia Sulthana from the University of Greenwich, United Kingdom; and Dr. K. Selvakumar from NIT Trichy, India. Each session provided valuable insights and stimulated discussions that advanced participants' understanding of evolving technologies and their practical applications.

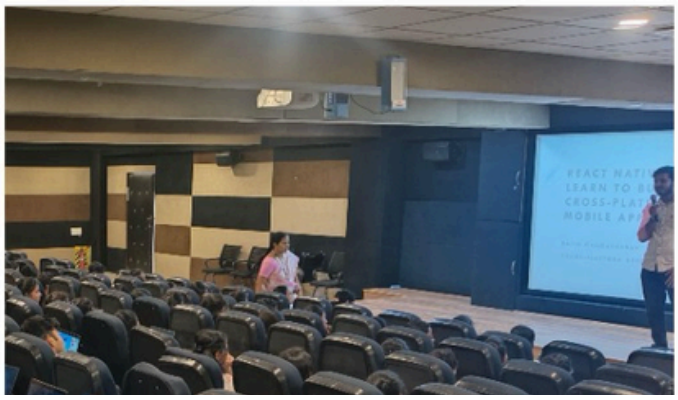


Club Activity – Machine Learning Club

The Department of Computer Science and Engineering organized a workshop under the Machine Learning Club on "Smart Traffic Reader using EASYOCR and PYTTSX3." The event aimed to provide hands-on experience in developing a smart traffic reader system leveraging machine learning and text-to-speech conversion technologies. The workshop was facilitated by Ms. Yugarakshini G S, an enthusiastic student from III CSE C, who brought her expertise and insights into implementing real-world applications. The session began with an introduction to EASYOCR, an open-source Optical Character Recognition (OCR) tool, and PYTTSX3, a Python-based text-to-speech library. Ms. Yugarakshini explained the key features and installation process of both libraries, focusing on their compatibility and use cases.

Club Activity - GLUG club

The Department of Computer Science and Engineering organized a workshop under the GLUG Club on " REACT NATIVE BOOT CAMP." The event aimed to provide hands-on experience in developing web applications using React Native technologies. The workshop was facilitated by Mr. RAJIN GANGADHARAN, Freelance Software Engineer, who brought her expertise and insights into implementing real-world applications. The members of GLUG club were actively participated in this session in AV Hall- I, from 11 AM to 12 PM on 18-12-2024



Faculty Achievements – SWAYAM - NPTEL

Mrs. Jaspin, Assistant Professor from the Department of Computer Science and Engineering, St. Joseph's Institute of Technology, OMR, Chennai, successfully completed the NPTEL Certification course in Software Engineering and secured Elite Class.

Mrs. Jaspin, Assistant Professor from the Department of Computer Science and Engineering, St. Joseph's Institute of Technology, OMR, Chennai, got the certification of Appreciation from SWAYAM NPTEL for the NPTEL Discipline Star for July-December 2024.

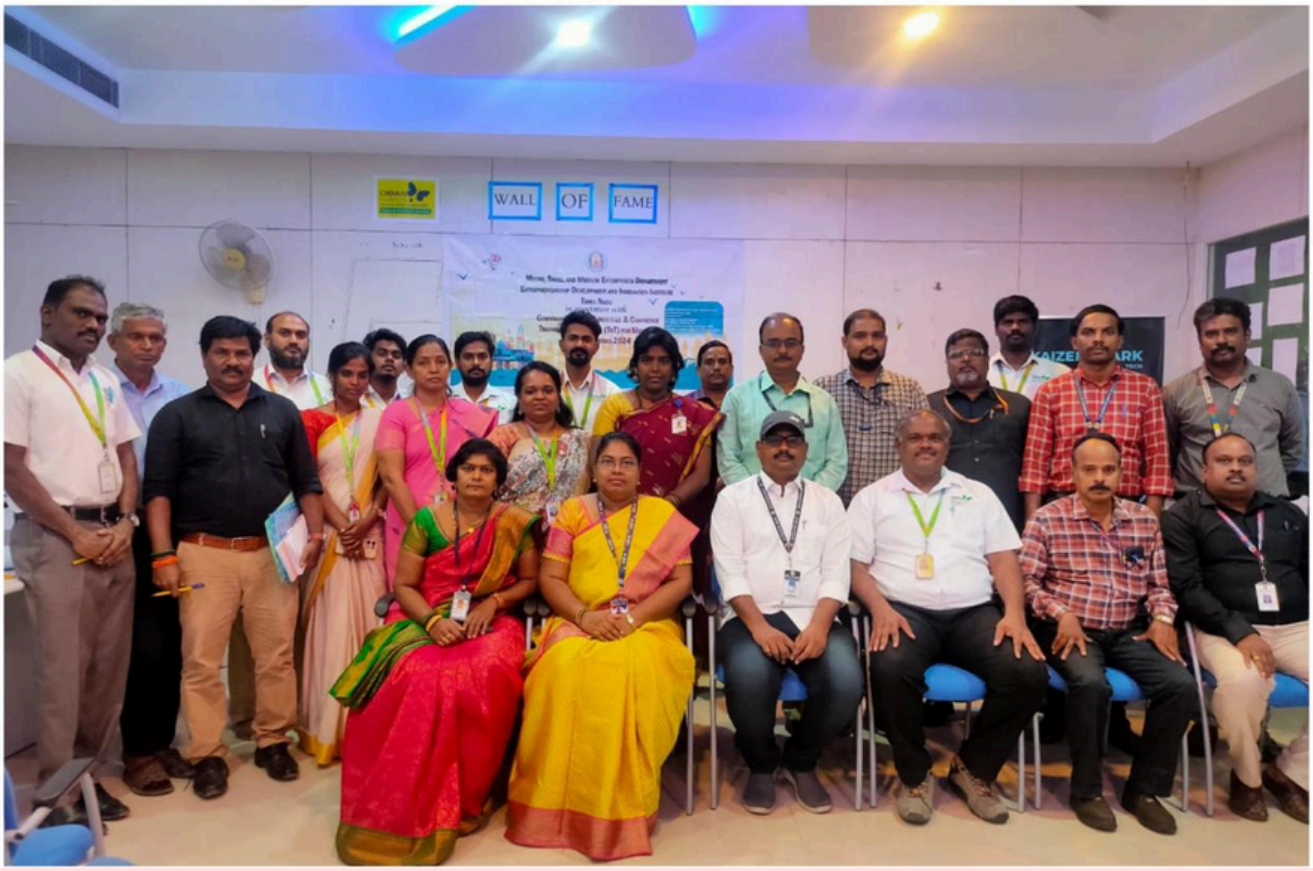
Mrs. Jaspin, Assistant Professor from the Department of Computer Science and Engineering, St. Joseph's Institute of Technology, OMR, Chennai, got the certification of Best Research paper Award.

Faculty Achievements – Resource Person - Startup

Mr. S. Janagiraman, Assistant Professor from the Department of Computer Science and Engineering, St. Joseph's Institute of Technology, OMR, Chennai, acted as the resource person for an online session on the topic of startups, conducted by the IPR Cell and Institution Innovation Council of Sacred Heart College (Autonomous), Tirupattur, Tamil Nadu, in collaboration with the Association of Global Academicians and Researchers (AGAR), Andhra Pradesh.

Faculty Achievements – EDII Innovation Program

Mr.S. Janagiraman, Assistant Professor from the Department of Computer Science and Engineering, St. Joseph's Institute of Technology, OMR, Chennai, attended a one-day training session on the Orientation and Awareness Program of MSME Schemes, EDII Innovation Voucher Program Scheme (IVP), IEDP Hackathon, and Entrepreneurship and Innovation for EDC Coordinators or Mentors on behalf of St. Joseph's Institute of Technology, OMR, Chennai. This session was conducted by EDII-TN on 17th December 2024 and was held at the Chennai Institute of Technology (CIT), Kundrathur, Kancheepuram.



Mr.M.Krishnaraj Assistant Professor from the Department of Computer Science and Engineering, St. Joseph's Institute of Technology, OMR, Chennai has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on Synergizing Advanced Battery Management with AI-Driven Cell Balancing for Optimal Electric Vehicle Performance at S.A.ENGINEERING COLLEGE from 09/12/2024 to 14/12/2024.

Mr.M.Krishnaraj Assistant Professor from the Department of Computer Science and Engineering, St. Joseph's Institute of Technology, OMR, Chennai has successfully published a conference paper in IEEE under the title “An Efficient Method for Empowering engineering students through employability skills Based on New A-ResNet-LSTM Model”

RAJARAMBAPU INSTITUTE OF TECHNOLOGY

2024 3rd International Conference for Advancement in Technology (ICONAT)

IEEE BOMBAY SECTION

13th – 15th September 2024

Certificate

This is to certify that Dr./Prof./Mr./Ms. M. Krishnaraj has presented paper entitled An Efficient Method for Empowering engineering students through employability skills Based on New A-ResNet-LSTM Model in 2024 3rd International Conference for Advancement in Technology (ICONAT) during 13th to15th September 2024.

General Chair
Dr. P.V.Kadole

Convenor
Dr. Amol C. Adamuthe

ATAL/2024/1733215643

Skill India

ATAL

AICTE

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi -110070

AICTE Training and Learning (ATAL) Academy

Certificate

It is certified that Mr. Krishnaraj M, Assistant Professor of St. Joseph's Institute of Technology has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on Synergizing Advanced Battery Management with AI-Driven Cell Balancing for Optimal Electric Vehicle Performance at S.A.ENGINEERING COLLEGE from 09/12/2024 to 14/12/2024.

Umasankar Loganathan
Associate Professor Level (AICTE Institute), Coordinator
S.A.ENGINEERING COLLEGE

Dr. Sunil Luthra
Director & Bureau Head
Training and Learning Bureau, AICTE

01/2025, 10:44 An Efficient Method for Empowering engineering students through employability skills Based on New A-ResNet-LSTM Model | IE

Conferences > 2024 3rd International Confer...

An Efficient Method for Empowering engineering students through employabili skills Based on New A-ResNet-LSTM Model

Publisher: IEEE Cite This PDF

Akabarsaheb Babulal Nadaf ; S. Sudhakar Reddy ; Ritika Sanwal ; T Thulasimani ; K K V Satyanarayana ; M. Krishnaraj All Authors

5 Full Text Views

Abstract

Document Sections

I. Introduction

II. Literature Survey

III. Proposed System

IV. Result and Discussion

V. Conclusion

Authors

Figures

References

Keywords

Metrics

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Abstract:

An integral part of every degree program leading to a professional certification, including engineering, is the cam interview. Having every program's student placed is the main objective. Efforts to improve students' placement achievements have led to the inclusion of communication skills in all engineering courses; nonetheless, the curri mostly concentrates on developing four language talents. insufficient emphasis is placed on the significance of employability skills among students. Students should be self-aware about their skill sets, and this essay will make case for that fact while also outlining why it is important and providing suggestions for how students might showc their strongest qualifications. The three stages that make up this suggested method are feature selection, model training, and log preprocessing. Initial Preprocessing, Stopwords Removal, Stemming, Lemmatization, and Emoj Recognition are all parts of preprocessing. Picking out features Principal component analysis (PCA) creates a pr component as a linear combination of factor-related observed variables by applying an appropriate weight to eac the variables. A New-A-ResNet-LSTM Ensemble was used all the way through training the model. Compared to and ResNet, this novel method has a higher average accuracy of 92.95%.

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Publisher: IEEE

ISBN Information:

Conference Location: GOA, India

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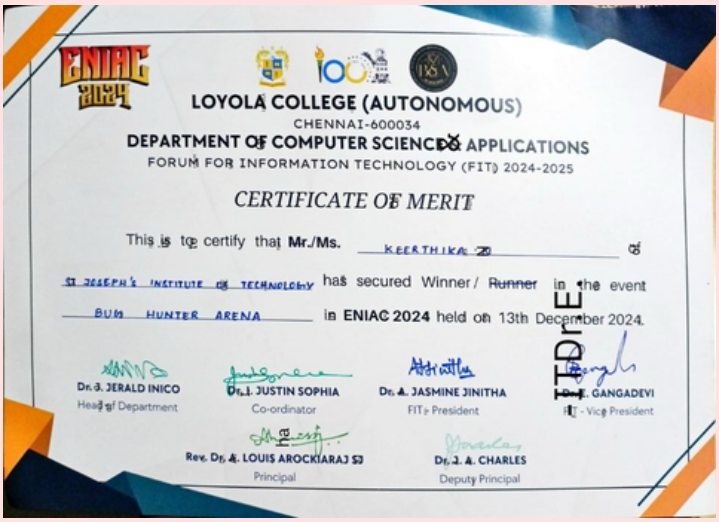
ps://ieeexplore.ieee.org/document/10775238

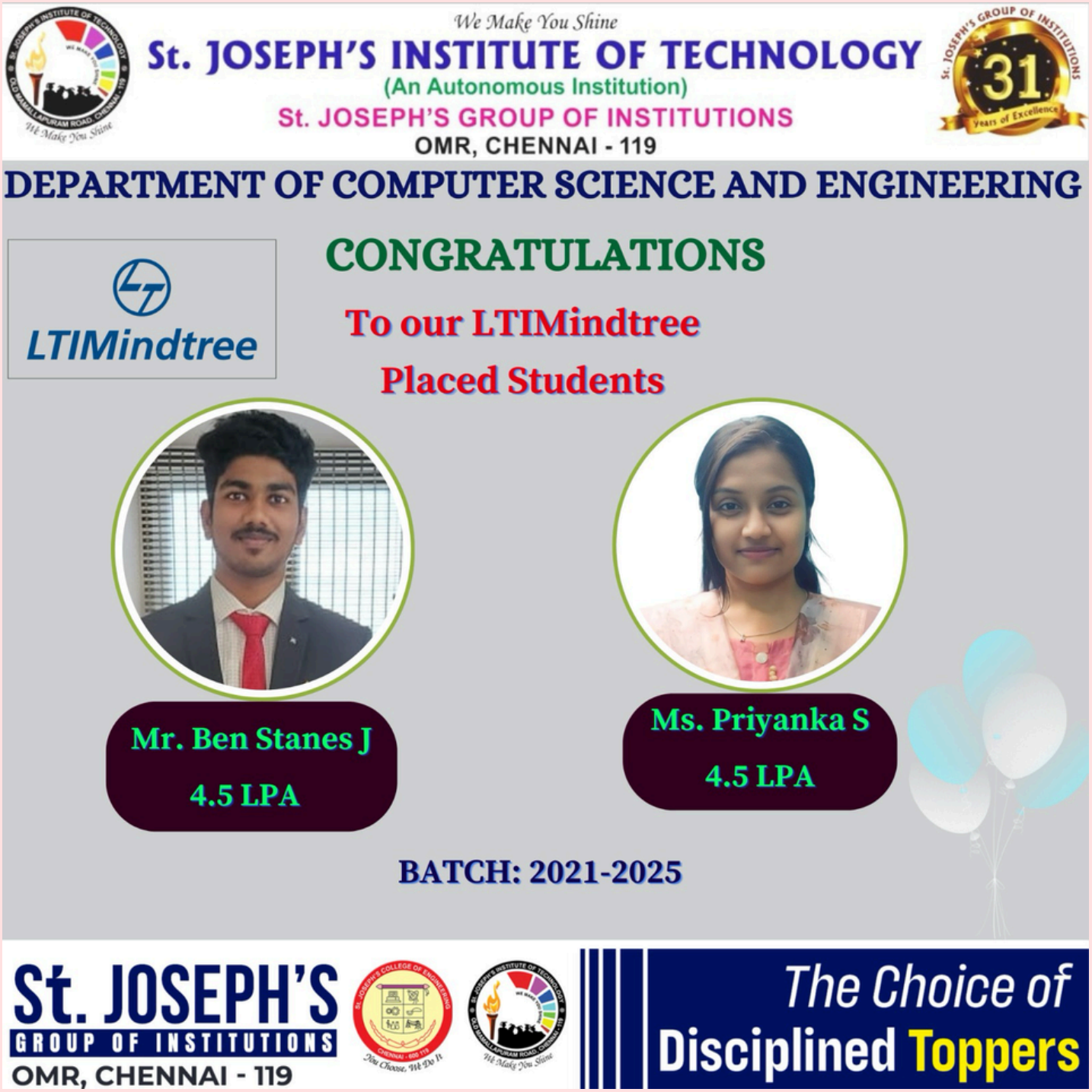
Student Achievements – Symposium Event - Winner

Keerthika.N of II CSE-B, has secured first place in a National Level Technical Symposium “ENIAC 2024” for the event Bug Hunter Arena conducted by Department of Computer Applications at Loyola College on 13.12.2024



Achievements – Symposium Event - Winner

Mukhil.R of III CSE-B, has secured first place in a National Level Technical Symposium for Debugging Event and Math Relay conducted by SIMATS ENGINEERING on 20.12.2024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Placed Students
Mr. Ben Stanes J
4.5 LPA
Ms. Priyanka S
4.5 LPA
BATCH: 2021-2025
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LTIMindtree

CONGRATULATIONS

To our LTIMindtree

Placed Students

Ms. POOJITHA BOYIDI

Ms. CHRISTINA MICHELLE RAYAN

Mr. KATTA ROHITH

Ms. LEMI DEBORAH SOLOMON SURESH

Mr. NARESH SATHIYARAJ

Mr. RISHITH SUBASH

Mr. SANCHITHABINAV RAJESH NARAYAN

Ms. SRINITHI BAKTHAVACHALAM

Ms. VINOTHA SUDHAKAR

Ms. ZAIBA THABASSUM KALEEM

Salary Package: 4.5 LPA

BATCH: 2021-2025

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ZOHO

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To our ZOHO Placed Students

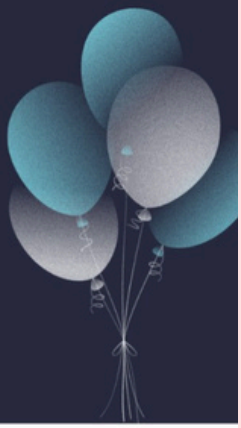
Ms. Vishali S

Technical Support Engineer

5.6 LPA

Ms. Vidhya P

Intern



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pickyourtrail

To our Placed Student

Ms. Jenisha Shirley J

Pickyourtrail

Graduate Engineer Trainee

Salary Package- 4.65 LPA

BATCH: 2021-2025

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To our Mastech Infotrellis

Placed Student

MASTECH infoTrellis

Ms. Hemalatha J

Software Engineer

6.5 LPA

BATCH: 2021-2025

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CONGRATULATIONS

To our PwC Placed Student

Mr. Vigram KM

PwC Selects

Salary Package- 6.0 LPA

BATCH: 2021-2025

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