

IGNITE 2023



A DAILY NEWSLETTER

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STUDENT ACHIEVEMENT

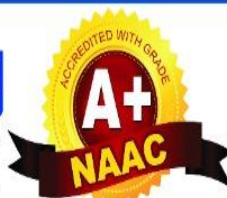


A. Arun, S. Omprakash and P.A. Surya, III Year, Department of Aerospace Engineering has been successfully completed the course Operations Management through NPTEL Online Certification.

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STUDENT ACHIEVEMENT



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SANJAY
for successfully completing the course

Computer Integrated Manufacturing

with a consolidated score of **64** %

Online Assignments	23.75/25	Proctored Exam	40.5/75
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Total number of candidates certified in this course: **1261**



Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Jan-Apr 2023
(12 week course)



Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



FREE ONLINE EDUCATION
swayam
— Pratham MIT, Pratham MIT —

Mail No: NPTEL23ME13S43351379

To validate the certificate



No. of credits recommended: 3 or

Mr. Sanjay, III year student, Department of Mechanical & Automation Engineering has completed NPTEL online certification course on Computer Integrated Manufacturing with ELITE certificate and a consolidated score of 64% during the period Jan-Apr 2023.

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STUDENT ACHIEVEMENT



M Dinesh Kumar & Rajeswari V, II Year Students, Department of Electronics and Communication Engineering, have completed their NPTEL online certification course on **DATA ANALYTICS WITH PYTHON** with **ELITE** with a consolidated score of **61% & 62%** respectively during the period Jan-Apr 2023 under the eminent mentorship of Dr N V S Sree Rathna Lakshmi, Professor & Head, ECE.

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STUDENT ACHIEVEMENT



INTER-MEDIATE

CERTIFICATE NUMBER 51712



MENDIX DEVELOPER

CERTIFICATION

This certificate is presented to

Krishna Kumar S

For successfully demonstrating the knowledge, skills and experience required for the Mendix Intermediate Developer Certification on 19 Mar, 2023.

Krishna Kumar S, IV year student, Department of Information Technology, has successfully completed the **MENDIX INTERMEDIATE DEVELOPER CERTIFICATION** offered by **Mendix** on 19th March, 2023.

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STUDENT ACHIEVEMENT



Lavanya Ramesh, III year student, Department of Information Technology, has successfully completed an online course **Foundations: Data, Data, Everywhere** authorized by Google and offered through **Coursera** on 18th May, 2023.

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STUDENT-FACULTY ACHIEVEMENT



International Journal of Research Publication and Reviews

Journal homepage: www.ijrpr.com ISSN 2582-7421

Air Traffic System Optimization Through Predictive Analytics A Project Report

Joshini M¹, Deepthika V², Afrin Noorjahan S³, Mrs. Uma Devi G⁴, Dr. S. Sharmila⁵

^{1,2,3}Student, ⁴Assistant Professor Computer Science and Engineering, ⁵Head Of The Department, Computer Science and Engineering
^{1,2,3,4,5}Agni College of Technology, Chennai-600130, Tamil Nadu, India

ABSTRACT:

In response to the increasing air travel delays and their impact on budgetary constraints, operational challenges, and customer dissatisfaction within the aviation industry, we implemented supervised machine learning techniques. Our primary goal was to predict flight delays using a comprehensive dataset that included flight information from JFK airport over a two-year period. The decision tree algorithm was employed to create a binary classification model specifically designed for identifying flight delays. To evaluate the performance of these algorithms, we conducted a thorough analysis using essential metrics such as accuracy, precision, recall, and f1-score. These metrics allowed us to address any disparities within the dataset. Our comparative analysis revealed that the Decision Tree algorithm delivered the highest performance. It is worth noting that tree-based ensemble classifiers outperformed other base classifiers in terms of predictive accuracy and overall performance.



Joshini. M, Deepthika. V and Afrin Noorjahan , Iliyear students, Department of Computer Science and Engineering have published paper on **Air traffic system optimization through predictive analysis** under the guidance of the faculty Mrs. Umadevi. G, in the International Journal of Research Publication and Reviews, a SJIF indexed journal, vol 4, no 5, pp 3032-3035, ISSN 2582-7421 on May 2023.

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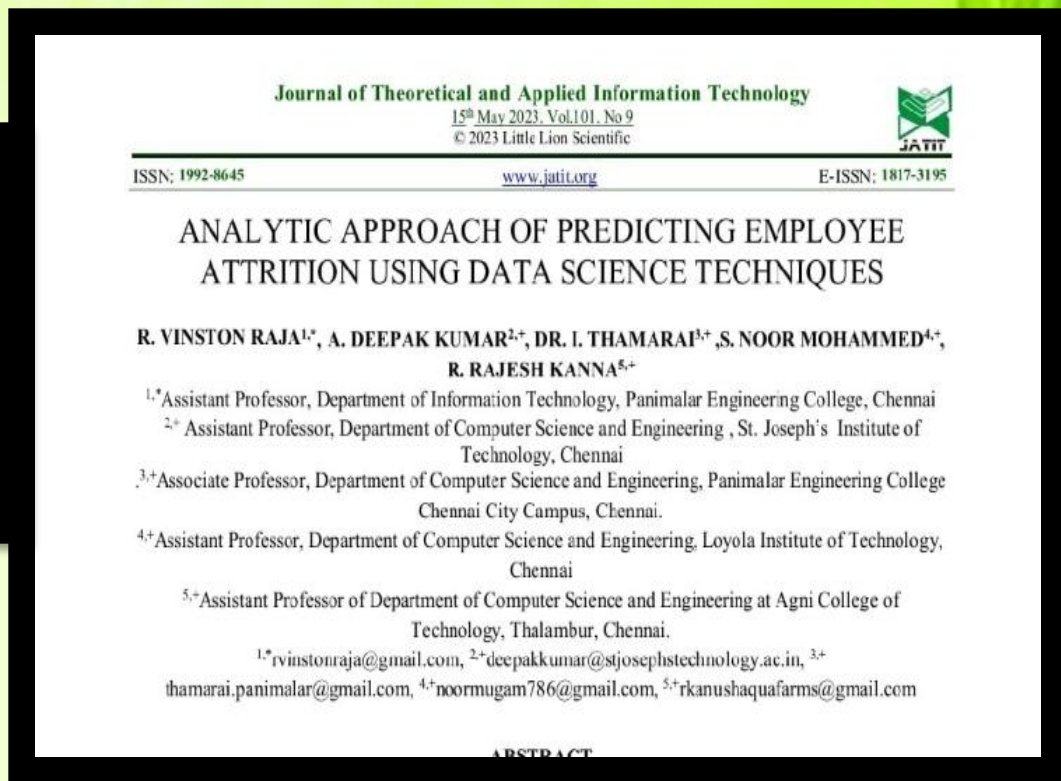
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FACULTY ACHIEVEMENT



Mr. Rajesh Kanna, Assistant Professor, Department of Computer Science and Engineering has published paper on *Analytic approach of Predicting Employee attrition using Data science techniques* ,in the International Journal of Theoretical and Applied Information Technology, a SJIF Indexed Journal, Vol 101,no 9, ISSN 1992-8645 on 15th May 2023.

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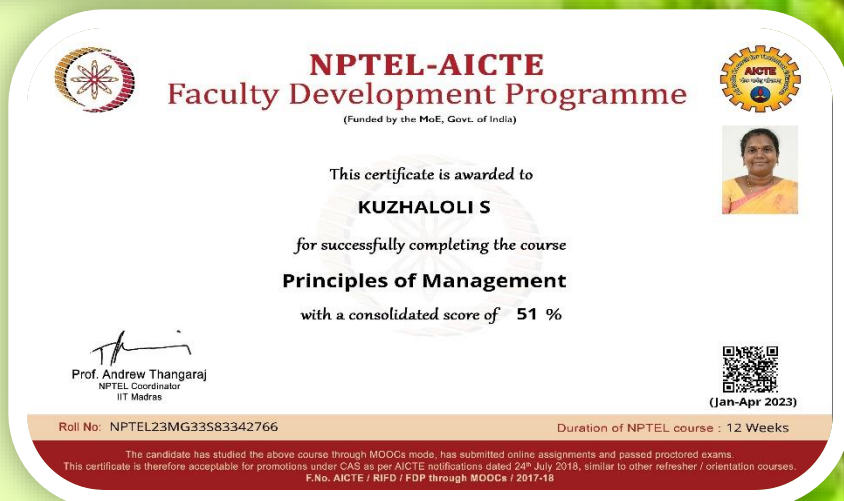
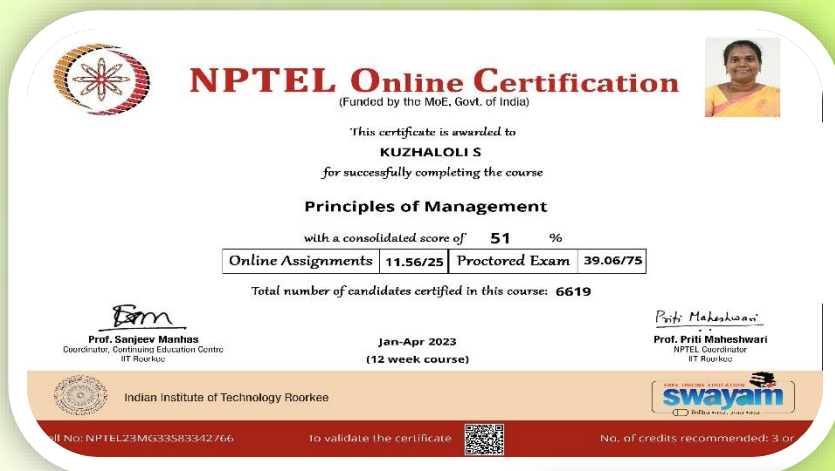


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FACULTY ACHIEVEMENT



Dr. S. Kuzhaloli, Associate Professor, Department of Mechatronics Engineering has been awarded with a certificate for successfully completing the **NPTEL** online course on **Principles of Management** in the examination conducted in the month of April 2023.

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FACULTY ACHIEVEMENT



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
RAGUPATHY K
for successfully completing the course

Foundation of Cloud IoT Edge ML

with a consolidated score of **82** %

Online Assignments	23.75/25	Proctored Exam	58.16/75
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Total number of candidates certified in this course: **1649**



Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Feb-Apr 2023
(8 week course)



Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



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swayam
— Evolve never, achieve never —

Id No: NPTEL23CS65S33362430

To validate the certificate



No. of credits recommended: 2 or

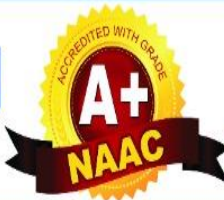
Dr. K. Ragupathy, Assistant Professor, Department of Mechanical & Automation Engineering has completed NPTEL online certification course on **Foundation of Cloud IoT edge ML with ELITE + Silver** certificate and a consolidated score of **82%** during the period Feb-Apr 2023.

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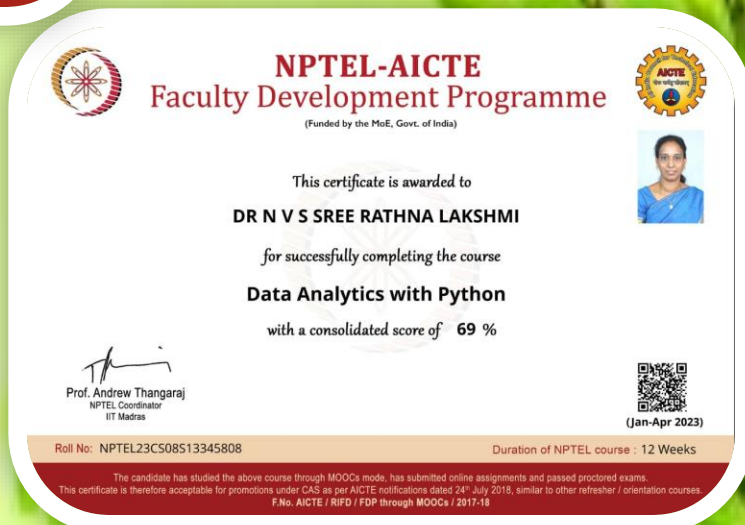
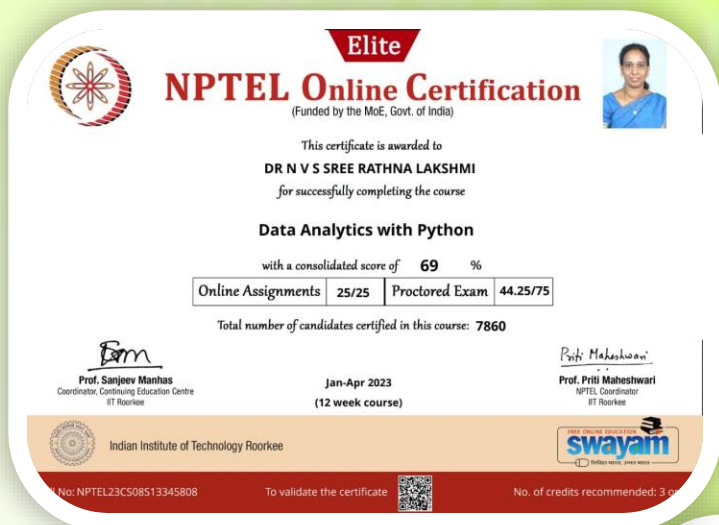


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FACULTY ACHIEVEMENT



Dr. N V S Sree Rathna Lakshmi, Professor & Head, Department of Electronics and Communication Engineering, has completed NPTEL online certification course on **DATA ANALYTICS WITH PYTHON** with **ELITE** with a consolidated score of **69%** during the period Jan-Apr 2023.

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STUDENT CORNER



Premalatha V, II Year Student, Department of Electronics and Communication Engineering, has portrayed a beautiful scenery with water colors.

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