

# K.S.R.M COLLEGE OF ENGINEERING

UGC- AUTONOMOUS

Incentive for Conference / workshops / Membership fee

Date: 24/3/2022

To  
The Principal  
K.S.R.M College of Engineering  
Kadapa

**Sub:** Incentive – Requested – Submitted – Reg

---\*\*\*---

Respected Sir

With reference to the cited subject above, I K. KALYAN KUMAR working  
as a Assistant Professor in the department of  
Electrical & Electronics Engineering request you to provide financial assistance  
towards Conference / Workshop / Membership Fee / Publication / purpose of  
attending NEP-2020 (Registration + TA, DA) and an amount of Rs 2,250/-.

This is submitted for your approval.

Thanking you

Yours Faithfully

K. Kalyan Kumar  
Signature of the Faculty

HOD RECOMMENDATION

Dear Sir

I here with recommend the above for your kind consideration

Abmal  
24/3/2022  
Head of the Department

PRINCIPALS OFFICE

Accepted / Rejected

V. S. S. mullu  
Principal

National Seminar on  
**National Education Policy - 2020:**  
**A Road Map to Revamp the Indian Higher Education System**

22<sup>nd</sup> - 23<sup>rd</sup> March, 2022 at Sri Venkateswara University and  
Sri Padmavati Mahila Visvavidyalayam, Tirupati, Andhra Pradesh

75  
Azadi Ka  
Amrit Mahotsav



ICFAI  
Foundation  
for Higher Education  
(Chartered by the University Grants  
Commission of the UGC Act, 1956)



वेदा दत्तात् नारा भवति  
TIRUPATI



# Certificate

This is to certify that

Prof./Dr./Mr./Mrs./Ms. K.KALYAN KUMAR has  
Participated / Delivered talk in the National Seminar on “National Education  
Policy - 2020: A Road Map to Revamp the Indian Education System”  
held during 22<sup>nd</sup> - 23<sup>rd</sup> March, 2022 at Sri Venkateswara University and  
Sri Padmavati Mahila Visvavidyalayam, Tirupati, Andhra Pradesh.

*T. Tripura Sundari*  
Prof. T. Tripura Sundari  
Organizing Secretary

..... Rashtra ke hit mein shiksha  
shiksha ke hit mein shikshak  
shiksha ke hit mein samaj ..... ABRSM .....

*Y.V. Rami Reddy*  
Prof. Y.V. Rami Reddy  
Convener

# K.S.R.M. COLLEGE OF ENGINEERING

(Run by Sri Kandula Obula Reddy Charities)

(AUTONOMOUS)

KADAPA - 516 005.

CASH/BANK VOUCHER

No.

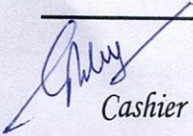
Date 24/3/22

Name of Account Seminar on NEP

Paid to K. Kalyan Kumar

Received the sum of Rs. 2250 (Rupees Two Thousand two  
hundred fifty only)

being attending seminar on National Education policy,

  
Cashier

V. S. S. Murthy  
Approving Authority

  
Accountant

Kalyan  
Signature of Receiver

# K.S.R.M COLLEGE OF ENGINEERING

UGC- AUTONOMOUS

Incentive for Conference / workshops / Membership fee

---

Date: 24/3/2022.

To  
The Principal  
K.S.R.M College of Engineering  
Kadapa

**Sub:** Incentive – Requested – Submitted – Reg

-----


Respected Sir

With reference to the cited subject above, I P. SIVA SESHU. working  
as an ASSISTANT PROFESSOR. in the department of  
MECHANICAL ENGINEERING, request you to provide financial assistance  
towards ~~Conference / Workshop / Membership Fee / Publication~~ / purpose of  
Attending NEP-2020 for Registration, food, conveyance and an amount of Rs 2,250/-.

This is submitted for your approval.

Thanking you

Yours Faithfully

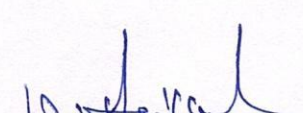
  
Signature of the Faculty

---

## HOD RECOMMENDATION

Dear Sir

I here with recommend the above for your kind consideration

  
Head of the Department

---

## PRINCIPALS OFFICE

Accepted / Rejected

V. S. S. Muly  
Principal

National Seminar on  
**National Education Policy - 2020:**  
**A Road Map to Revamp the Indian Higher Education System**

22<sup>nd</sup> - 23<sup>rd</sup> March, 2022 at Sri Venkateswara University and  
Sri Padmavati Mahila Visvavidyalayam, Tirupati, Andhra Pradesh

75  
Azadi Ka  
Amrit Mahotsav



# Certificate

This is to certify that

Prof./Dr./Mr./Mrs./Ms. P-SIVASESHU has

Participated / Delivered talk in the National Seminar on "National Education Policy - 2020: A Road Map to Revamp the Indian Education System"

held during 22<sup>nd</sup> - 23<sup>rd</sup> March, 2022 at Sri Venkateswara University and Sri Padmavati Mahila Visvavidyalayam, Tirupati, Andhra Pradesh.

*J. Tripura Sundari*  
Prof. T. Tripura Sundari  
Organizing Secretary

भारत के प्रति मेरी शिक्षा  
शिक्षा से ही मैं शिक्षक  
शिक्षा के ही मैं सचिव  
ABRSM

*Y.V. Rami Reddy*  
Prof. Y.V. Rami Reddy  
Convener

V.S.S. M.M.H

# K.S.R.M. COLLEGE OF ENGINEERING

(Run by Sri Kandula Obula Reddy Charities)

(AUTONOMOUS)

KADAPA - 516 005.

CASH/BANK VOUCHER

No.

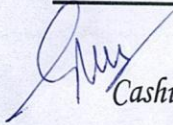
Date 24/3/22

Name of Account Seminar on NEP

Paid to P. Siva Seshu

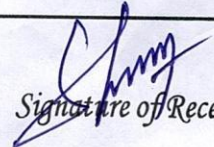
Received the sum of Rs. 2250 (Rupees Two thousand Two hundred Fifty only)

being attending seminar on National Education Policy.

  
Cashier

V. S. S. M. M. L. Y.  
Approving Authority

  
Accountant

  
Signature of Receiver

# K.S.R.M COLLEGE OF ENGINEERING

UGC- AUTONOMOUS

Incentive for Conference / workshops / Membership fee

---

Date: 24-03-2022

To  
The Principal  
K.S.R.M College of Engineering  
Kadapa

Sub: Incentive – Requested – Submitted – Reg

----\*--


Respected Sir

With reference to the cited subject above, I D. Mallikarjuna Reddy working as an Assistant Professor in the department of H & S request you to provide financial assistance towards Conference / Workshop / Membership Fee / Publication / purpose of attending seminar on NEP-2020 (Registration, food, conveyance charges) and an amount of Rs 2,250/-.

This is submitted for your approval.

Thanking you

Yours Faithfully

  
Signature of the Faculty

---

## HOD RECOMMENDATION

Dear Sir

I here with recommend the above for your kind consideration

  
Head of the Department

---

## PRINCIPALS OFFICE

Accepted / Rejected

V. S. S. Mulu  
Principal

National Seminar on  
**National Education Policy - 2020:**  
**A Road Map to Revamp the Indian Higher Education System**

22<sup>nd</sup> - 23<sup>rd</sup> March, 2022 at Sri Venkateswara University and  
Sri Padmavati Mahila Visvavidyalayam, Tirupati, Andhra Pradesh

  
75  
Azadi Ka  
Amrit Mahotsav



**ICFAI**  
Foundation  
for Higher Education  
(Deemed-to-be University under  
Section 3 of the UGC Act, 1956)



भारतीय प्रौद्योगिकी संस्थान तिरुपति  
**TIRUPATI**




# Certificate

This is to certify that

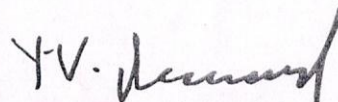
Prof./Dr./Mr./Mrs./Ms. D. MALLIKARTJUNA REDDY has

Participated / Delivered talk in the National Seminar on “National Education Policy - 2020: A Road Map to Revamp the Indian Education System”

held during 22<sup>nd</sup> - 23<sup>rd</sup> March, 2022 at Sri Venkateswara University and  
Sri Padmavati Mahila Visvavidyalayam, Tirupati, Andhra Pradesh.

  
**Prof. T. Tripura Sundari**  
Organizing Secretary

..... Rashtra ke hit mein shiksha  
shiksha ke hit mein shikshak  
shiksha ke hit mein samaj..... ABRSM...

  
**Prof. Y.V. Rami Reddy**  
Convener



# K.S.R.M. COLLEGE OF ENGINEERING

(Run by Sri Kandula Obula Reddy Charities)

(AUTONOMOUS)

KADAPA - 516 005.

CASH/BANK VOUCHER

No.

Date 24/3/22

Name of Account Seminar on NEP


Paid to D. Mallikarjun Reddy

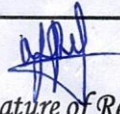
Received the sum of Rs. 2250 (Rupees Two thousand two hundred fifty only)

being attending seminar on National Education Policy.

  
Cashier

V. S. S. MMLY  
Approving Authority

  
Accountant

  
Signature of Receiver

# K.S.R.M COLLEGE OF ENGINEERING

UGC- AUTONOMOUS

Incentive for Conference / workshops / Membership fee

---

Date: 24-03-2022

To  
The Principal  
K.S.R.M College of Engineering  
Kadapa

Sub: Incentive – Requested – Submitted – Reg

---\*\*\*---

Respected Sir

With reference to the cited subject above, I M V Ravi Kishore Reddy working  
as an Assistant Professor in the department of  
Civil Engineering request you to provide financial assistance

towards ~~Conference / Workshop / Membership Fee / Publication / purpose of~~  
attending Seminar on NEP-2020 (registration, food, conveyance charges)  
and an amount of Rs 2,250/-.

This is submitted for your approval.

Thanking you

Yours Faithfully



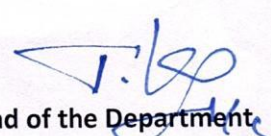
Signature of the Faculty

---

## HOD RECOMMENDATION

Dear Sir

I here with recommend the above for your kind consideration



Head of the Department

---

## PRINCIPALS OFFICE

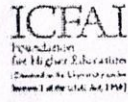
Accepted / Rejected

V. S. S. MULLA  
Principal

National Seminar on  
National Education Policy - 2020:  
A Road Map to Revamp the Indian Higher Education System

22<sup>nd</sup> - 23<sup>rd</sup> March, 2022 at Sri Venkateswara University and  
Sri Padmavati Mahila Visvavidyalayam, Tirupati, Andhra Pradesh

75  
Azadi Ka  
Amrit Mahotsav



# Certificate

This is to certify that

Prof./Dr./Mr./Mrs./Ms. M. V. RAVI KISHORE REDDY has  
Participated / Delivered talk in the National Seminar on "National Education  
Policy - 2020: A Road Map to Revamp the Indian Education System"  
held during 22<sup>nd</sup> - 23<sup>rd</sup> March, 2022 at Sri Venkateswara University and  
Sri Padmavati Mahila Visvavidyalayam, Tirupati, Andhra Pradesh.

*J. Tripura Sundari*  
Prof. T. Tripura Sundari  
Organizing Secretary

*V. S. S. Muthu*

..... Rashtra ke hit mein shiksha  
shiksha ke hit mein shikshak  
shiksha ke hit mein samaj..... ABRSM...

*Y.V. Rami Reddy*  
Prof. Y.V. Rami Reddy  
Convener

# K.S.R.M. COLLEGE OF ENGINEERING

(Run by Sri Kandula Obula Reddy Charities)

(AUTONOMOUS)

KADAPA - 516 005.

CASH/BANK VOUCHER

No.

Date 24/3/22

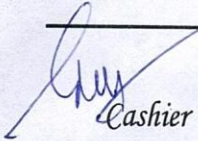
Name of Account Seminar on NEP

Paid to M.V. Ravi Kishore Reddy

Received the sum of Rs. 2250 (Rupees Two thousand

Two hundred fifty only)

being attending seminar on national Education Policy.

  
Cashier

V.S.S. mmly  
Approving Authority

  
Accountant

  
Signature of Receiver

# K.S.R.M COLLEGE OF ENGINEERING

UGC- AUTONOMOUS

Incentive for Conference / workshops / Membership fee

---

Date: 24-03-2022

To  
The Principal  
K.S.R.M College of Engineering  
Kadapa

Sub: Incentive – Requested – Submitted – Reg

---\*\*\*---

Respected Sir

With reference to the cited subject above, I A. Uma Shankar Kumar working  
as a Asst. Dean - IQAC in the department of  
Civil Engineering request you to provide financial assistance  
towards Conference / Workshop / Membership Fee / Publication / purpose of  
NEP - Registration, Food, Travel accomdit. and an amount of Rs 2,250/-.

This is submitted for your approval.

Thanking you

Yours Faithfully

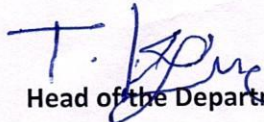
  
Signature of the Faculty

---

## HOD RECOMMENDATION

Dear Sir

I here with recommend the above for your kind consideration

  
Head of the Department

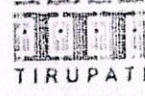
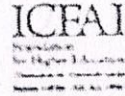
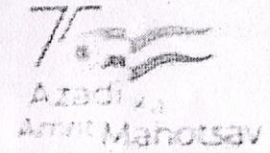
---

## PRINCIPALS OFFICE

Accepted / Rejected

V. S. S. Muthy  
Principal

National Seminar on  
National Education Policy - 2020:  
A Road Map to Revamp the Indian Higher Education System  
22<sup>nd</sup> - 23<sup>rd</sup> March, 2022 at Sri Venkateswara University and  
Sri Padmavati Mahila Visvavidyalayam, Tirupati, Andhra Pradesh



# Certificate

This is to certify that

Prof./Dr./Mr./Mrs./Ms. A.UMASHANKAR has

Participated / Delivered talk in the National Seminar on "National Education Policy - 2020: A Road Map to Revamp the Indian Education System" held during 22<sup>nd</sup> - 23<sup>rd</sup> March, 2022 at Sri Venkateswara University and Sri Padmavati Mahila Visvavidyalayam, Tirupati, Andhra Pradesh.

*J. Tripura Sundari*  
Prof. T. Tripura Sundari  
Organizing Secretary

*V.S.S. Murthy*  
..... Rashtra ke hit mein shiksha  
shiksha ke hit mein shikshak  
shiksha ke hit mein soma|..... ABRSM...

*Y.V. Ram Reddy*  
Prof. Y.V. Rami Reddy  
Convener

# K.S.R.M. COLLEGE OF ENGINEERING

(Run by Sri Kandula Obula Reddy Charities)

(AUTONOMOUS)

KADAPA - 516 005.

CASH/BANK VOUCHER

No.

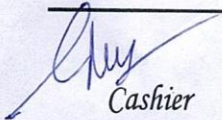
Date 24/3/22

Name of Account Seminar on NEP

Paid to A. Uma Shankar Kumar

Received the sum of Rs. 2250 (Rupees Two thousand  
two hundred fifty. only)

being attending seminar on National Education Policy.

  
Cashier

V. S. S. M. M. / S  
Approving Authority

  
Accountant

A. Dyksh  
Signature of Receiver

# K.S.R.M COLLEGE OF ENGINEERING

UGC- AUTONOMOUS

Incentive for Conference / workshops / Membership fee

---

Date: 24/03/22

To  
The Principal  
K.S.R.M College of Engineering  
Kadapa

Sub: Incentive – Requested – Submitted – Reg

---\*\*\*---

Respected Sir

With reference to the cited subject above, I Dr. V. Venkata Ramana working

as a Assoc. Prof. in the department of

CSE request you to provide financial assistance

towards Conference / Workshop / Membership Fee / Publication / purpose of

NEP-2020 registration, food, Accommodation and an amount of Rs 2,250/-.

This is submitted for your approval.

Thanking you

Yours Faithfully

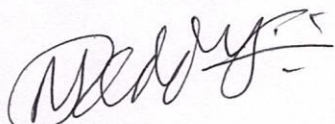
  
Signature of the Faculty

---

HOD RECOMMENDATION

Dear Sir

I here with recommend the above for your kind consideration

  
Head of the Department

---

PRINCIPALS OFFICE

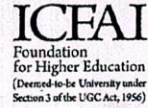
Accepted / Rejected

V. S. S. Anuly  
Principal



National Seminar on  
**National Education Policy - 2020:**  
**A Road Map to Revamp the Indian Higher Education System**

22<sup>nd</sup> - 23<sup>rd</sup> March, 2022 at Sri Venkateswara University and  
Sri Padmavati Mahila Visvavidyalayam, Tirupati, Andhra Pradesh



# Certificate

This is to certify that

✓  
Prof./Dr./Mr./Mrs./Ms. V. VENKATA RAMANA has

Participated / Delivered talk in the National Seminar on “National Education Policy - 2020: A Road Map to Revamp the Indian Education System” held during 22<sup>nd</sup> - 23<sup>rd</sup> March, 2022 at Sri Venkateswara University and Sri Padmavati Mahila Visvavidyalayam, Tirupati, Andhra Pradesh.

J. Sri Rama Sundar

V. Venkata Ramana

# K.S.R.M. COLLEGE OF ENGINEERING

(Run by Sri Kandula Obula Reddy Charities)

(AUTONOMOUS)

KADAPA - 516 005.

CASH/BANK VOUCHER

No.

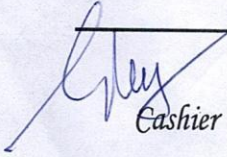
Date 24/3/22

Name of Account Seminar on NEP

Paid to Dr. V. Venkata Ramana

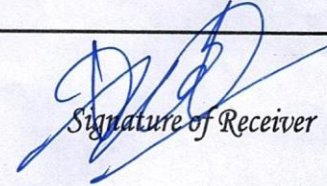
Received the sum of Rs. 2250 (Rupees Two thousand  
two hundred fifty. only)

being attending seminar on National Education Policy

  
Cashier

V. S. S. M. M. G.  
Approving Authority

  
Accountant

  
Signature of Receiver

# K.S.R.M COLLEGE OF ENGINEERING

UGC- AUTONOMOUS

Incentive for Conference / workshops / Membership fee

---

Date: 25/3/22

To  
The Principal  
K.S.R.M College of Engineering  
Kadapa

Sub: Incentive – Requested – Submitted – Reg  
----\*\*\*----

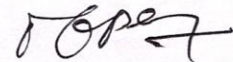
Respected Sir

With reference to the cited subject above, 1 Md. Mahaboob Pasha working  
as a Asst. Prof in the department of  
ECE request you to provide financial assistance  
towards Conference / Workshop / Membership Fee / Publication / purpose of  
NEP 2020 - National Seminar and an amount of Rs 2250=00.

This is submitted for your approval.

Thanking you

Yours Faithfully



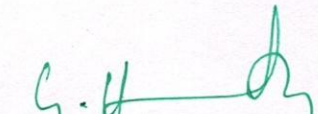
Signature of the Faculty

---

HOD RECOMMENDATION

Dear Sir

I here with recommend the above for your kind consideration




Head of the Department

---

PRINCIPALS OFFICE

Accepted / Rejected



Principal

National Seminar on  
**National Education Policy - 2020:**  
**A Road Map to Revamp the Indian Higher Education System**

22<sup>nd</sup> - 23<sup>rd</sup> March, 2022 at Sri Venkateswara University and  
Sri Padmavati Mahila Visvavidyalayam, Tirupati, Andhra Pradesh

75  
Azadi Ka  
Amrit Mahotsav



ICFAI  
Foundation  
for Higher Education  
(Deemed to be University under  
Section 3 of the UGC Act, 1956)



श्रीवेंकटेश्वर विश्वविद्यालय  
TIRUPATI



# Certificate

This is to certify that

Prof./Dr./Mr./Mrs./Ms. M.D. MAHABOOB PASHA has

Participated / Delivered talk in the National Seminar on “National Education  
Policy - 2020: A Road Map to Revamp the Indian Education System”

held during 22<sup>nd</sup> - 23<sup>rd</sup> March, 2022 at Sri Venkateswara University and  
Sri Padmavati Mahila Visvavidyalayam, Tirupati, Andhra Pradesh.

*J. Tripura Sundari*

**Prof. T. Tripura Sundari**  
Organizing Secretary

..... Rashtra ke hit mein shiksha  
shiksha ke hit mein shikshak  
shiksha ke hit mein sama|..... ABRSM...

*Y.V. Rami Reddy*

**Prof. Y.V. Rami Reddy**  
Convener

# K.S.R.M. COLLEGE OF ENGINEERING

(Run by Sri Kandula Obula Reddy Charities)

(AUTONOMOUS)

KADAPA - 516 005.

CASH/BANK VOUCHER

No.

Date 24/3/22

Name of Account Seminar on NEP.


Paid to md.mahabob Pasha

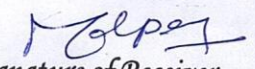
Received the sum of Rs. 2250 (Rupees Two Thousand Two hundred fifty only)

being attending seminar on National Education Policy.

  
Cashier

V. S. S. MMLG  
Approving Authority

  
Accountant

  
Signature of Receiver

# K.S.R.M COLLEGE OF ENGINEERING

UGC- AUTONOMOUS

Incentive for Conference / workshops / Membership fee

Date: 10/01/22

To  
The Principal  
K.S.R.M College of Engineering  
Kadapa

Sub: Incentive – Requested – Submitted – Reg

---\*\*\*---

Respected Sir

With reference to the cited subject above, I Dr. Syed Zahiduddin working  
as a Associate professor in the department of

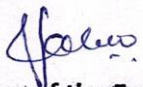
request you to provide financial assistance  
towards  Conference /  Workshop /  Membership Fee /  Publication / purpose of

National Conference and an amount of Rs 300/-.

This is submitted for your approval.

Thanking you

Yours Faithfully


  
Signature of the Faculty

---

## HOD RECOMMENDATION

Dear Sir

I here with recommend the above for your kind consideration

  
Head of the Department

---

PRINCIPALS OFFICE

Accepted / Rejected

Principal

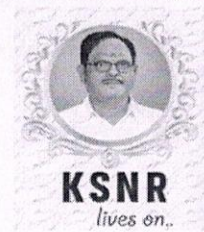


# K.S.R.M. COLLEGE OF ENGINEERING

(UGC-Autonomous), Kadapa, Andhra Pradesh, India- 516 003

Approved by AICTE, New Delhi & Affiliated to JNTUA

An ISO 14001:2004 & 9001: 2015 Certified Institution



## CERTIFICATE OF PRESENTATION

THIS CERTIFICATE IS PRESENTED TO

*Dr. S. Zahiruddin*

In recognition and appreciation of research contribution as an author of the paper entitled:

***REAL TIME IMPLEMENTATION OF IMPROVED AUTOMATIC NUMBER  
PLATE RECOGNITION USING RASPBERRY PI CAMERA***

at National Conference on Recent Advancements in Science and Technology (NCRASST), Organized by  
Department of Electronics and Communication Engineering, K.S.R.M. College of Engineering  
(Autonomous), Kadapa, Andhra Pradesh, on January 8, 2022.

**Dr. S.L. Prathapa Reddy**  
Coordinator-NCRASST  
Department of ECE  
K.S.R.M.C.E.

**Dr. G. Hemalatha**  
Professor & HOD  
Department of ECE  
K.S.R.M.C.E.

**Prof. A. Mohan**  
Director  
K.S.R.M.C.E.

**Dr. V.S.S. Murthy**  
Principal  
K.S.R.M.C.E.

# K.S.R.M. COLLEGE OF ENGINEERING

(Run by Sri Kandula Obula Reddy Charities)

(AUTONOMOUS)

KADAPA - 516 003.

CASH/BANK VOUCHER

No. 9/2/22

Date 19/1/22

Name of Account National Conference

Paid to Dr. Syed Zahiduddin

Received the sum of Rs. 300/- (Rupees Three hundred only only)

being Paper Presented in National Conference

[Signature]  
Cashier

V.S.S. Murthy  
Approving Authority

[Signature]  
Accountant

[Signature]  
Signature of Receiver



# K.S.R.M COLLEGE OF ENGINEERING

UGC- AUTONOMOUS

Incentive for Conference / workshops / Membership fee

Date: 20/5/2022

To  
The Principal  
K.S.R.M College of Engineering  
Kadapa

Sub: Incentive – Requested – Submitted –Reg

---\*\*\*---

Respected Sir

With reference to the cited subject above, I Md. Rahmathulla working  
as a Assistant professor in the department of  
CSE request you to provide financial assistance  
towards Conference / Workshop / Membership Fee / Publication / purpose of  
Conference and an amount of Rs 500/-.

This is submitted for your approval.

Thanking you

Yours Faithfully

M.A. Ralton  
Signature of the Faculty

---

## HOD RECOMMENDATION

Dear Sir

I here with recommend the above for your kind consideration

LR

[Signature]  
Head of the Department

---

## PRINCIPALS OFFICE

Accepted / Rejected

V.S.S. mm/19  
Principal



# K.S.R.M. COLLEGE OF ENGINEERING

(UGC - Autonomous)

Kadapa, Andhra Pradesh, India- 516 003

Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.



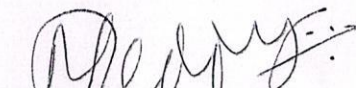
**KSNR**  
lives on..


DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

## CERTIFICATE OF PRESENTATION

This is to certify that Dr./Mr./Miss. Md. Rahmathulla  
KSRMCE, Kadapa has presented a paper entitled Heart Disease Prediction  
using ML Classification Algorithms in the National Conference on  
Advances in Computer Science and Engineering (NCACSE 22)  
organized by Department of CSE, KSRM College of  
Engineering, Kadapa on 18<sup>th</sup> May 2022.

  
Coordinator

  
HOD CSE

  
Principal

# HEART DISEASE PREDICTION USING ML CLASSIFICATION ALGORITHMS

**Md. Rahmathulla**  
Asst. Professor  
CSE Department  
K.S.R.M. College  
of Engineering,  
Kadapa.  
rahmathulla@ksr  
mce.ac.in

**C. Ashish**  
Student  
CSE Department  
K.S.R.M. College  
of Engineering,  
Kadapa.  
189y1a0524@ksr  
mce.ac.in

**G. Nithin**  
Student  
CSE Department  
K.S.R.M. College  
of Engineering,  
Kadapa.  
189y1a0545@ksr  
mce.ac.in

**B. Jagadeesh**  
Student  
CSE Department  
K.S.R.M. College  
of Engineering,  
Kadapa.  
189y1a0518@ksr  
mce.ac.in

## **Abstract :**

Heart attack disease is one of the leading causes of the death worldwide. In today's common modern life, deaths due to the heart disease had become one of major issues, that roughly one person lost his or her life per minute due to heart illness. Predicting the occurrence of disease at early stages is a major challenge nowadays. Machine learning when implemented in health care is capable of early and accurate detection of disease. In this work, the arising situations of Heart Disease illness are calculated. Datasets used have attributes of medical parameters. The datasets are been processed in python using ML Algorithm i.e., Decision Tree Classifier. This technique uses the past old patient records for getting prediction of new one at early stages preventing the loss of lives. In this work, reliable heart disease prediction system is implemented using strong ML classification algorithms such as Decision Tree Algorithm, Naïve Bayes, and Support Vector Machine which reads patient record data set in the form of CSV file. After accessing dataset the operation is performed and effective heart attack level is produced. Then these results are compared to provide one best classification algorithm. Accuracies of these algorithms are compared using graphical notations like Bar graphs.

## **1.INTRODUCTION**

This project aims to predict future Heart Disease by analyzing data of patients which classifies whether they have heart disease or not using machine-learning algorithms.

Machine Learning is a system of computer algorithms that can learn from example through self-improvement without being explicitly coded by a programmer. Machine learning is a part of artificial Intelligence which combines data with statistical tools to predict an output which can be used to make actionable insights. The core objective of machine learning is the learning and inference. First of all, the machine learns through the discovery of patterns. One crucial part of the data scientist is to choose carefully which data to provide to the machine. The list of attributes used to solve a problem is called a feature vector. The machine uses some algorithms to simplify the reality and transform this discovery into a model. Therefore, the learning stage is used to describe the data and summarize it into a model (see fig 1).

The main challenge in today's healthcare is provision of best quality services and effective accurate diagnosis. The whole accuracy in management of a disease lies on the proper time of detection of that disease. The proposed work makes an attempt to detect these heart diseases at

# K.S.R.M. COLLEGE OF ENGINEERING

(Run by Sri Kandula Obula Reddy Charities)

(AUTONOMOUS)

KADAPA - 516 005.

CASH/BANK VOUCHER

No.

Date 20/5/22

Name of Account Conference

Paid to Md. Rahmathulla

Received the sum of Rs. 500 (Rupees Five hundred rupees)

only)

being Attended conference on Heart Disease prediction

using ML Classification Algorithms.

  
Cashier

V. S. S. mmh  
Approving Authority

  
Accountant

M. R. Ravi  
Signature of Receiver

# K.S.R.M COLLEGE OF ENGINEERING

UGC- AUTONOMOUS

Incentive for Conference / workshops / Membership fee

Date: 10/4/21

To  
The Principal  
K.S.R.M College of Engineering  
Kadapa

Sub: Incentive – Requested – Submitted –Reg

-----

Respected Sir

With reference to the cited subject above, I B. Manorama Devi working

as a Assistant professor in the department of

CSE request you to provide financial assistance

towards Conference / Workshop / Membership Fee / Publication / purpose of

Journal and an amount of Rs 3000/-.

This is submitted for your approval.

Thanking you

Yours Faithfully


  
Signature of the Faculty

---

## HOD RECOMMENDATION

Dear Sir

I here with recommend the above for your kind consideration

  
Head of the Department

---

## PRINCIPALS OFFICE

Accepted / Rejected

V.S.S.Mm/9  
Principal

others

## Efficient Load Forecasting Approach Using Historical Data of Customer Behaviour

Bingl Manorama Devi<sup>1</sup>, Vanteru Sudha<sup>2</sup>

<sup>1</sup>Assistant Professor, Department of CSE, K. S. R. M College of Engineering, Kadapa

<sup>2</sup>Assistant Professor, Department of CSE, K. S. R. M College of Engineering, Kadapa

### ABSTRACT:

Cloud computing is coming up into view as a new computing standard that is receiving great attention in both academic as well as business community. It provides pay-as-you-use model for accessing different services over the web that can be accessed from anywhere and at any time. Despite of so much of merits it also faces some challenges. One of the main key issues that needed to be taken care of is load balancing. Load balancing is basically about distributing the workload among all the nodes in an even manner such that it will have positive effect on the factors like resource utilization, scalability, fault tolerant etc. Many algorithms and methods have been proposed for this purpose. Due to advancement in technology and growth in human society, it is necessary to work in an environment that reduces cost, utilizes resources effectively, reduces man power and minimizes space utilization. This led to the development of Cloud Computing technology. Cloud computing is a kind of distributed computing with a collection of computing resources located in distributed data centers. It provides massively scalable IT related capabilities to multiple external customers on "pay per use" concept using internet technologies. The increase in the web traffic and different services day by day makes load balancing a critical research topic. Load balancing is one of the central issues in cloud computing. It is the process of distributing the load optimally and evenly among various servers. Proper load balancing in cloud improves the performance factors such as resource utilization, job response time, scalability, throughput, system stability and energy consumption. Many researchers have proposed various load balancing techniques Here, in this paper we are going to investigate some of these load balancing techniques and the latest approaches used for load balancing in order to provide efficient resource utilization, overall cost minimization etc.

**Index Terms-** cloud computing, load balancing, virtualization, energy aware, load balancing algorithms.

### 1. INTRODUCTION

Cloud computing has received a great attention in both academic as well as industrial community as a computing paradigm that provides dynamically scalable and virtualized resources as a service over the web. It has emerged as a next generation platform that has moved computing and data away from desktop and portable PCs to large data centres. Cloud computing provides access to different services on pay-as-you-go basis i.e. users have to pay for on the basis of usage which makes it easy to adjust capacity quickly [1].

Thus, Cloud Computing is a framework that provides, on demand network access to a shared pool of computing resources (e.g. networks, servers, storage, and applications). These resources can be provisioned and de-provisioned quickly with minimal management effort or service provider interaction [2].

Currently, there are a lot of multiple vendors offering cloud services such as Amazon, Microsoft, IBM, Google, HP, Oracle, Citrix, EMC etc. Many researchers have attempted to define the cloud computing. Buyya et al. [3] have defined it as follows: —Cloud is a parallel and distributed computing system consisting of a collection of inter-connected and virtualised computers that are dynamically provisioned and presented as one or more unified computing resources based on service-level agreements (SLA) established through negotiation between the service provider and consumers. The National Institute of Standards and Technology (NIST) [4] characterizes cloud computing as —a pay-per-use model for enabling convenient, available, on-demand network access to a shared pool of configurable computing resources (e.g. networks, servers, storage, applications etc.) that can be provisioned and released with minimum management effort or service provider interaction. A. Characteristics According to the national institute of

# K.S.R.M. COLLEGE OF ENGINEERING

(Run by Sri Kandula Obula Reddy Charities)

(AUTONOMOUS)

KADAPA - 516 005.

CASH/BANK VOUCHER

No.

Date 10/11/21

Name of Account Journal


Paid to B. monorama Devi


Received the sum of Rs. 3000/- (Rupees Three Thousand only)

being Published Journal on "Efficient Load forecasting Approach using Historical Data of customer Behaviour"

  
Cashier

V. S. S. mm/g  
Approving Authority

  
Accountant

  
Signature of Receiver

# K.S.R.M COLLEGE OF ENGINEERING

UGC- AUTONOMOUS

Incentive for Conference / workshops / Membership fee

Date: 31/12/2021

To  
The Principal  
K.S.R.M College of Engineering  
Kadapa

Sub: Incentive – Requested – Submitted –Reg

---\*\*\*---

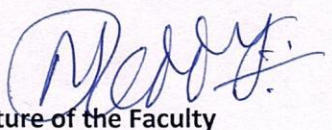
Respected Sir

With reference to the cited subject above, I Dr V. Lokeshwarareddy working  
as a Professor in the department of  
CSE request you to provide financial assistance  
towards Conference / Workshop / Membership Fee / Publication / purpose of  
Conference and an amount of Rs 500.

This is submitted for your approval.

Thanking you

Yours Faithfully

  
Signature of the Faculty

---

## HOD RECOMMENDATION

Dear Sir

I here with recommend the above for your kind consideration

LR

  
Head of the Department

---

## PRINCIPALS OFFICE

Accepted / Rejected —

V. S. S. Mmkg  
Principal





# K.S.R.M. COLLEGE OF ENGINEERING

UGC - AUTONOMOUS

Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.

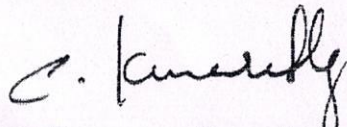
Kadapa, Andhra Pradesh, India-- 516 003

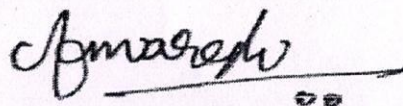


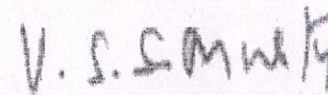
**KSNR**  
lives on..


## *Certificate of Participation*

This is to certify that **Dr.V.Lokeswara Reddy, CSE, KSRM College of Engineering** has presented a paper on **Students Academic Results Automation Through E-Mails** during the National Conference on **Recent Trends in Engineering and Technology - 2021 (RTET - 2021)** organized by the Department of Electrical and Electronics Engineering, KSRM College of Engineering (Autonomous) in virtual mode on December 29th, 2021.

  
Co-ordinator

  
HoD, EEE

  
Principal

  
Director

# STUDENTS ACADEMIC RESULTS AUTOMATION THROUGH E-MAILS

Dr.V. Lokeswara Reddy,  
Professor and HOD, Department of CSE,  
K.S.R.M. College of Engineering (Autonomous),  
Kadapa, A.P. (India)  
Email: [vlreddy74@gmail.com](mailto:vlreddy74@gmail.com)

**Abstract:** Currently Examination cell activity includes a lot of calculations and is mostly MS office based. The proposed application main objective is to bring in a centralized system that will ensure the activities in the context of an examination results that can be effectively managed and delivered. The proposed application allows sending various departmental students' results to their respective mails. The application provides login to departmental HOD's and Admin, through their login internal, external and lab marks are posted to college server by importing excel sheets in Comma Separated Values(CSV) format. After importing excel sheets, the system itself performs all necessary calculations automatically through the interface provided and dispatches semester wise marks to the respective student mails. Thus on an entire it is an entire machine-controlled computer code that handles the each tedious and sophisticated method throughout the examination results delivery by examination section of a college. As entire system is centralized, results can be analyzed in required formats i.e. tabular or chart.

**Keyword:** Examination results, E-mails, Excel sheets, Comma separated Values (CSV)

## 1. INTRODUCTION

We are living in the era of information revolution, with a lot of devices such as mobile devices and computers sprouting everywhere thereby making it easy for information to be communicated, and the education sector is not left out in this growing development. Computers and mobile phones have become a necessary part of our lives. There are a lot of things which we can do with these technologies. With the rapid development of mobile phones come several services like the Short Messaging Service (SMS), Multimedia Messaging Service (MMS) and others, which are readily available and add to the usefulness of mobile phones[2].

The proposed application in this paper "Student Academic Results Automation Through E-mails" is an web application, which is used to get accurate results through mail. Many Schools and Colleges have their individual system to manage students profile and Marks related internal, External, Lab. Common practice is by recording the student data in a record book. Student's data is obtained from the registration form completed by the parents when they registered their children for the first time. This practice has some disadvantages such as the longer time to search the student profile, the possibility of misplacement of record book and vulnerability of student record to be accessed by unauthorized person[1]. In Many Schools and Colleges, several Internal, External, Assessments and Lab Marks are prepared to evaluate student performance. Internal, External, Assessments and Lab Marks are common to all the Colleges in maintaining monthly test, and end of term exams. At the end of each semester, test and examination, the concern department person records student's marks and grades in the record book or in basic computer software such as Microsoft Excel. The project is a concept of sending Academic Results (Internal, External and Lab Marks) to student mails by select excel files prepared by departmental staff. To deliver results of different streams in an engineering college, department is provided with a login to upload excel marks and files and automatically delivered to specified mail of student/parent. This project provides many users interfaces for providing all requirements of exam department for sending results to emails[3]. For this the organization maintains information about the results in different branches, like their individual hall ticket numbers, total marks in different branches, all the students data, internal, external and Lab Marks. Students can view their Internal, External and Lab marks etc., from mail. The entire system designed as intranet application which is replacing the office automation of examination department.

## 2. PROPOSEDSYSTEM

The proposed application aims to herald a centralized system that may make sure the activities within the context of associate examination results that can be effectively managed and delivered. This system allows sending all departments student's internal, external and lab results to their specified mails which are generated through their [hallticketno@mail.com](mailto:hallticketno@mail.com). Application automatically calculates marks and prepares a marks list and sends to student or

# K.S.R.M. COLLEGE OF ENGINEERING

(Run by Sri Kandula Obula Reddy Charities)

(AUTONOMOUS)

KADAPA - 516 005.

CASH/BANK VOUCHER

No.

Date 31/12/21

Name of Account Conference

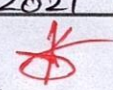
Paid to Dr. V. Lokeswara Reddy

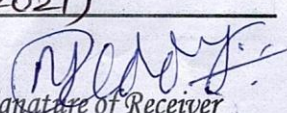
Received the sum of Rs. 500 (Rupees Five Hundred  
Rupees only)

being attended conference on Recent Trends in  
Engineering And Technology - 2021 (RTBT-2021)

  
Cashier

V.S.S. MMLH  
Approving Authority

  
Accountant

  
Signature of Receiver

# K.S.R.M COLLEGE OF ENGINEERING

UGC- AUTONOMOUS

Incentive for Conference / workshops / Membership fee

Date: 20/5/2022

To  
The Principal  
K.S.R.M College of Engineering  
Kadapa

Sub: Incentive – Requested – Submitted –Reg

---\*\*\*---


Respected Sir

With reference to the cited subject above, I Dr. M. Sreenivasulu working  
as a Professor in the department of  
CSE request you to provide financial assistance  
towards Conference / Workshop / Membership Fee / Publication / purpose of  
Conference and an amount of Rs 500/-.

This is submitted for your approval.

Thanking you

Yours Faithfully

  
Signature of the Faculty

---

## HOD RECOMMENDATION

Dear Sir

I here with recommend the above for your kind consideration

LR

  
Head of the Department

---

## PRINCIPALS OFFICE

Accepted / ~~Rejected~~

V. S. S. mmlg  
Principal



**K.S.R.M. COLLEGE OF ENGINEERING**

(UGC - Autonomous)

Kadapa, Andhra Pradesh, India- 516 003

Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.

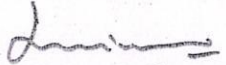


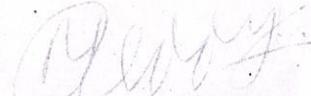
**KSNR**  
lives on..

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

**CERTIFICATE OF PRESENTATION**

This is to certify that Dr./Mr./Miss. M. Sreenivasulu, KSRMCE, Kadapa has successfully presented a paper entitled Mobile Sink scheduling for Efficient Data Collection in WSN in the National Conference on Advances in Computer Science and Engineering (NCACSE 2022) organized by Department of CSE, KSRM College of Engineering, Kadapa on 18<sup>th</sup> May 2022

  
Coordinator

  
HOD CSE

Principal

## Mobile Sink Scheduling for Efficient Data Collection in Wireless Sensor Networks

Srinivasulu Boyineni<sup>1</sup>, K. Kavitha<sup>2</sup>, Meruva Sreenivasulu<sup>3</sup>

<sup>1</sup>Research Scholar, Department of CSE, Annamalai University, Chidambaram, India.  
[srinivasulu.inf@gmail.com](mailto:srinivasulu.inf@gmail.com)

<sup>2</sup>Associate Professor, Department of CSE, Annamalai University, Chidambaram, India.  
[kavithacseau@gmail.com](mailto:kavithacseau@gmail.com)

<sup>3</sup>Professor and Head, Department of CSE, K.S.R.M College of Engineering, Kadapa, Andhra Pradesh, India,  
[mesrinu@rediffmail.com](mailto:mesrinu@rediffmail.com)

### ABSTRACT

Wireless sensor networks (WSNs) are widely used in various applications such as defense, forest fire, healthcare, structural health monitoring, etc., because of its flexibility, low cost and tiny. In WSNs, the sensor nodes are scattered over the target area to acquire the data from the environment and transmit it to the base station via single or multi-hop communication. Due to the sensor nodes' constrained battery, the sensor nodes near the base station are more involved in data transmissions. These relay nodes drain more energy and die soon, leading to a hotspot/energy-hole problem. Several algorithms have been proposed in the literature to address the hotspot problem using the mobile sink. However, most of the existing approaches are highly computational and also provide a static solution only. In this context, we proposed an energy-efficient dynamic mobile sink path construction with low computational complexity for data acquisition in WSNs. We use the minimum spanning tree-based clustering for selecting the data collection points and a computational geometry-based method to identify the visiting order of the data collection points by the mobile sink. Our proposed work is better than the existing approaches in terms of average energy consumption, network lifetime, fairness index, buffer utilization, etc.

**Keywords:** Wireless Sensor Networks, Mobile sink, Energy-efficient, Minimum Spanning Tree, Clustering.

### 1. INTRODUCTION

Wireless sensor networks (WSNs) are more prevalent in recent years due to its vast applications such as Domotics, forest fire, defense, healthcare, security surveillance [1] etc. The WSNs are also playing a vital role in the Internet of Things (IoT) [2]. In WSNs, a set of sensor nodes (SNs) are scattered to acquire the data and transmit it to the base station (BS) for further analytics. These data transmissions use either single-hop or multi-hop communication mechanisms. Single-hop communications are used when the SNs are in the range of BS. So, in most cases, the data transmission uses multi-hop

communications. The battery-equipped SNs consume more energy due to heavy transmissions rather than for processing the data. Significantly, the SNs which are near to the BS consumes more power due to the relay. These heavy consumptions cause hotspots or energy-hole problems in the WSNs. The hotspot or energy-hole problem isolates a part of the WSNs from the BS [3, 4].

A mobile sink (MS) is introduced to gather the data from the sensor nodes by traveling in the network which avoids the data relay between the SNs [5,6,7]. However, visiting each SN in the network is difficult which delays data collection as well as data loss due to limited buffers. Instead of visiting each SN in the network, the MS visits a set of data collection points called rendezvous points (RPs). All the remaining SNs can send their data to the nearest RPs. The optimal selection of the RPs improves the data collection process by prolonging the network lifetime. However, choosing the best RPs in the WSNs is a challenging task. Because, choosing the large number of RPs, increases the traveling time of the MS and because of its limited number of RPs increases the data relay between the SNs and RPs. Deciding the best RPs in the network is not only a challenging task, but also a trajectory among them. There are several works in the literature to address this challenge, but most of them are static as of my knowledge [8,9,10].

In this context, this article proposes an Energy-efficient Dynamic Mobile Sink Path planning (EDMSP) algorithm for WSNs which improves the efficiency of the data gathering approach by prolonging the network lifetime. The EDMSP initially select the best set of dynamic RPs using minimum spanning tree (MST)-based clustering. There are several MST-based clustering methods in the literature [11,12,13], but we perform a novel clustering method in this work according to the varying the nodes energies and buffers. During the cluster formation we give priority to residual energies and available buffers. So, the RPs dynamically changes in each tour of the MS. Once the RPs are identified, a low computational path among them is constructed using a simple geometric method.

# K.S.R.M. COLLEGE OF ENGINEERING

(Run by Sri Kandula Obula Reddy Charities)

(AUTONOMOUS)

KADAPA - 516 005.

No.

CASH/BANK VOUCHER

Date 20/5/22

Name of Account Conference


Paid to Dr. M. Sreenivasulu


Received the sum of Rs. 500/- (Rupees five Hundred only)

being conference on "mobile sink scheduling for efficient data collection in WSN"

  
Cashier

U.S.S.M.M.K  
Approving Authority

  
Accountant

  
Signature of Receiver

# K.S.R.M COLLEGE OF ENGINEERING

UGC- AUTONOMOUS

Incentive for Conference / workshops / Membership fee

Date: 23/05/2022

To  
The Principal  
K.S.R.M College of Engineering  
Kadapa

Sub: Incentive – Requested – Submitted –Reg

---\*\*\*---

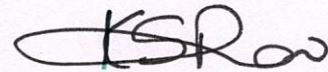
Respected Sir

With reference to the cited subject above, I Dr. K Srinivasa Rao working  
as a Professor in the department of  
CSE request you to provide financial assistance  
towards Conference / Workshop / Membership Fee / Publication / purpose of  
Conference and an amount of Rs 500/-.

This is submitted for your approval.

Thanking you

Yours Faithfully



Signature of the Faculty

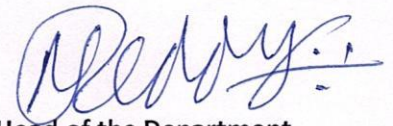
---

## HOD RECOMMENDATION

Dear Sir

I here with recommend the above for your kind consideration

LR



Head of the Department

---

## PRINCIPALS OFFICE

Accepted / Rejected

V.S.S. mmlh  
Principal





# K.S.R.M. COLLEGE OF ENGINEERING

(UGC - Autonomous)  
Kadapa, Andhra Pradesh, India- 516 003  
Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.



**KSNR**  
lives on.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

## CERTIFICATE OF PRESENTATION

This is to certify that Dr./Mr./Miss. K. Srinivasa Rao  
KSRMCE, Kadapa has presented a paper entitled MD Classification Grounded  
on Eye Flash and HM Structures using The KNN-Algorithm in the National Conference on  
Advances in Computer Science and Engineering (NCACSE 22)  
organized by Department of CSE, KSRM College of  
Engineering, Kadapa on 18<sup>th</sup> May 2022.

*[Signature]*  
Coordinator

*[Signature]*  
HOD CSE

*[Signature]*  
Principal

# MOTORIST DOZINESS CLASSIFICATION GROUNDED ON EYE FLASH AND HEAD MOVEMENT STRUCTURES USING THE K-NN ALGORITHM

<sup>[1]</sup>Dr. K.Srinivasa Rao, <sup>[2]</sup>P.Sharath, <sup>[3]</sup>L.Rahul Reddy

<sup>[1]</sup> Professor, Department of Computer Science and Engineering  
KSRM College of Engineering, Kadapa, Andhra Pradesh.

<sup>[2]</sup> Student, KSRMCE, Kadapa <sup>[3]</sup> Student, KSRMCE, Kadapa

<sup>[1]</sup>[ksr@ksrmce.ac.in](mailto:ksr@ksrmce.ac.in), <sup>[2]</sup>[189Y1A05A3@ksrmce.ac.in](mailto:189Y1A05A3@ksrmce.ac.in), <sup>[3]</sup>[189Y1A0570@ksrmce.ac.in](mailto:189Y1A0570@ksrmce.ac.in)

**Abstract:** Human sluggishness or exhaustion expected different ways to deal with be distinguished previously or during the driving system. These days, many individuals have figured out how to procure individual vehicles which they use to go around various districts. Showing up alive and on time is a vital objective for all drivers on the way. Sleepiness can be brought about by lengthy driving and absence of sufficient rest. A few measurements demonstrated to recognize sleepy driving incorporate eye discovery and pulse changeability. Driving conduct like path flight, utilization of pointers, slowing down and controlling handle could likewise be utilized. The target of this work is to foster sleepiness location, an expectation framework that incorporates eye identification, which is the social and physiological methodology. The framework ought to monitor the driver's way of behaving and focus while driving and give a voice cautioning or alert at whatever point tiredness is distinguished.

**Keywords:** Drowsy driving, fatigue, lane position, prediction, detection

## I. INTRODUCTION

Location of tired driving will affect lessening street mishaps. The framework may likewise track down application in enterprises by confirming the reasonableness of laborers, particularly the people who work with risky articles all day, every day, medical care foundations, and wellbeing delicate organizations. At the point when an individual nods off, the person might encounter exhaustion and find it hard to remain on track. Today, most callings require long haul concentration to accomplish planned objectives. Drivers of weighty vehicles by and large travel significant distances without resting and are exceptionally inclined to sluggishness or weakness while driving. Consequently, it is important to screen the work interaction as the way of behaving of people might change because of the time and responsibility included. Sooner or later, a specialist ought to be made mindful of their condition of readiness and encouraged to have some time off at whatever point tired to stay away from injury or the development of unfortunate items/administrations.

Sleepy driving cases a few casualties consistently. In, dozing while at the same time driving added to a few street mishaps. There is a requirement for early identification techniques to limit tired driving mishaps. A few creators have worked effectively of recognizing and cautioning

drivers during their driving time. A survey of different investigations featured that sluggish driving can influence driving execution, mentality boundaries and physiological inventories. Various methodologies can be utilized to recognize sleepy driving, including guiding wheel point, eye flickering example, educational/shutting, and electrocardiogram.

Sleepiness discovery incorporates checking of face, eye developments. Strategies, for example, level of educational and enlightening proportion in a given time have been utilized to identify weakness. The video securing was done utilizing an observation camera decisively positioned to recognize the degree of weakness of a driver and give an alarm after visual recognition. Facial tourist spots were utilized in the estimation of the eye conclusion proportion. The degree of exhaustion, as well as different factors, for example, time have been contemplated. In the proposed framework, the driver sluggishness location strategy comprises of four parts, as displayed in Fig. 2. Three data sources were utilized for sluggishness identification. The primary passage was Face ID where the eyes were identified. The following stage was the recognizable proof of oral yawns or not utilizing Euclidean calculation. Thirdly, Heart rate (HR) was acquired from the beat sensor. In conclusion, the

# K.S.R.M. COLLEGE OF ENGINEERING

(Run by Sri Kandula Obula Reddy Charities)

(AUTONOMOUS)

KADAPA - 516 005.

CASH/BANK VOUCHER

No.

Date 23/5/22

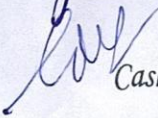
Name of Account Conference

Paid to DV. K. Chinivasa Rao

Received the sum of Rs. 500 (Rupees Five hundred

only)

being Attended Conference on Motonlet Doziness Classification  
granted on eye flash and head movement structures using the k-NN algorithm

  
Cashier

V. S. S. M. M. G.  
Approving Authority

  
Accountant

KSR  
Signature of Receiver

# K.S.R.M COLLEGE OF ENGINEERING

UGC- AUTONOMOUS

## Incentive for Conference / workshops / Membership fee

Date: 12/07/2022

To  
The Principal  
K.S.R.M College of Engineering  
Kadapa

Sub: Incentive – Requested – Submitted –Reg

---\*\*\*---


Respected Sir

With reference to the cited subject above, I B. Manorama Devi working  
as a Assistant Professor in the department of  
CSE request you to provide financial assistance  
towards Conference / Workshop / Membership Fee / Publication / purpose of  
Workshop FDP and an amount of Rs 1000.

This is submitted for your approval.

Thanking you

Yours Faithfully


  
Signature of the Faculty

### HOD RECOMMENDATION

Dear Sir

I here with recommend the above for your kind consideration

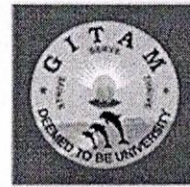
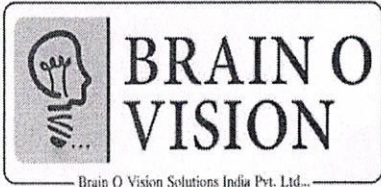
LR

  
Head of the Department

### PRINCIPALS OFFICE

Accepted / Rejected

V. S. S. Mm/4  
Principal



**GITAM**  
(DEEMED TO BE UNIVERSITY)

VISAKHAPATNAM \* HYDERABAD \* BENGALURU



भारतीय राष्ट्रीय युवा परिषद  
National Youth Council of India

**Department of Electrical, Electronics and Communication Engineering  
School of Technology**

*Certificate of Participation*

This is to certify that

**Bingi Manorama Devi**

has participated in One Week National Level Workshop on **REACT JS** from 5th-10th July, 2021 organised by **Department of Electrical, Electronics and Communication Engineering, School of Technology, GITAM(Deemed to be University), Hyderabad** in collaboration with **BRAIN O VISION** and **National Youth Council of India**

Dr. Datachana Murthy  
National Executive President  
National Youth Council of India

Ganesh Nag Doddi  
CEO of Brainovison

B. Balaji Naiki  
Asst.Prof.,  
Co-Convener

M Naresh Kumar  
Asst.Prof.,  
Convener

Prof. T. Madhavi  
HoD-EECE

Prof. N Seetharamaiah  
SoT-Principal

# K.S.R.M. COLLEGE OF ENGINEERING

(Run by Sri Kandula Obula Reddy Charities)

(AUTONOMOUS)

KADAPA - 516 005.

No.

CASH/BANK VOUCHER

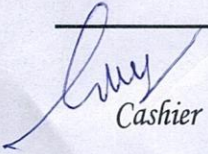
Date 12/19/22

Name of Account FDP

Paid to B. Manorama Devi

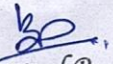
Received the sum of Rs. 1000/- (Rupees One thousand rupees  
only)

being attended FDP ON REACTJS

  
Cashier

V. S. S. M. M. G.  
Approving Authority

  
Accountant

  
Signature of Receiver

# K.S.R.M COLLEGE OF ENGINEERING

UGC- AUTONOMOUS

## Incentive for Conference / workshops / Membership fee

Date: 11/11/2021

To  
The Principal  
K.S.R.M College of Engineering  
Kadapa

Sub: Incentive – Requested – Submitted – Reg  
---\*\*\*---

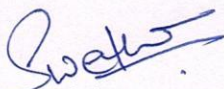
Respected Sir

With reference to the cited subject above, I B. Swetha . working  
as a Assistant Professor. in the department of  
CSE request you to provide financial assistance  
towards Conference / Workshop / Membership Fee / Publication / purpose of  
NPTEL and an amount of Rs 1000/-.

This is submitted for your approval.

Thanking you

Yours Faithfully

  
Signature of the Faculty


---

### HOD RECOMMENDATION

Dear Sir

I here with recommend the above for your kind consideration

MS

  
Head of the Department

---

### PRINCIPALS OFFICE

Accepted / Rejected-

V. S. S. mm/15  
Principal

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL21CS62S23730670

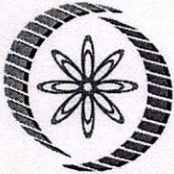
To  
**B SWETHA**  
 98/160 ,POLUGARI PALLI  
 C.K.DINNE MANDAL  
 KADAPA  
 ANDHRA PRADESH - 516003  
 PH. NO :9492561783



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

**No. of credits recommended by NPTEL:2**

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**B SWETHA**


for successfully completing the course

**Cloud Computing**

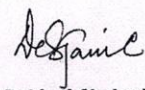
with a consolidated score of **42** %

Online Assignments	11.75/25	Proctored Exam	30.7/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **3189**

  
**Prof. G P Raja Sekhar**  
 Dean, Continuing Education  
 IIT Kharagpur

Aug-Oct 2021  
 (8 week course)

  
**Prof. Debjani Chakraborty**  
 Coordinator, NPTEL  
 IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No:NPTEL21CS62S23730670

To validate and check scores: <https://nptel.ac.in/noc>



# K.S.R.M. COLLEGE OF ENGINEERING

(Run by Sri Kandula Obula Reddy Charities)

(AUTONOMOUS)

KADAPA - 516 005.

No.

CASH/BANK VOUCHER

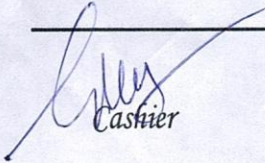
Date 11/1/21

Name of Account NPTEL

Paid to B. Swetha

Received the sum of Rs. 1000/- (Rupees Thousand Rupees only)

being Attended NPTEL course on cloud computing

  
Cashier

V. S. S. M. M. G.  
Approving Authority

  
Accountant

  
Signature of Receiver

# K.S.R.M COLLEGE OF ENGINEERING

UGC- AUTONOMOUS

Incentive for Conference / workshops / Membership fee

Date: 31/11/2024

To  
The Principal  
K.S.R.M College of Engineering  
Kadapa

Sub: Incentive – Requested – Submitted –Reg

---\*\*\*---

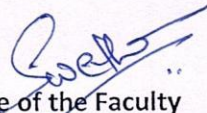
Respected Sir

With reference to the cited subject above, I B. Swetha working  
as a Assistant Professor in the department of  
CSE request you to provide financial assistance  
towards Conference / Workshop / Membership Fee / Publication / purpose of  
NPTEL (FDP) and an amount of Rs 200/-.

This is submitted for your approval.

Thanking you

Yours Faithfully

  
Signature of the Faculty

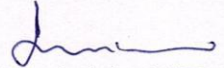
---

## HOD RECOMMENDATION

Dear Sir

I here with recommend the above for your kind consideration

MS

  
Head of the Department

---

## PRINCIPALS OFFICE

Accepted / Rejected

V. S. S. mm/15  
Principal

Roll No:NPTEL21CS62S23730670

**To** B SWETHA  
98/160 ,POLUGARI PALLI  
C.K.DINNE MANDAL  
KADAPA  
ANDHRA PRADESH - 516003  
PH. NO :9492561783



No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP

Duration of NPTEL course: 8 Weeks



# NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



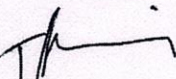
This certificate is awarded to

**B SWETHA**

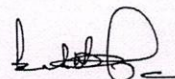
for successfully completing the course

**Cloud Computing**

with a consolidated score of **42 %**

  
Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

(Aug-Oct 2021)

  
Prof. Dileep N. Malkhede  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

Roll No: NPTEL21CS62S23730670

To validate and check scores: <http://nptel.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

# K.S.R.M. COLLEGE OF ENGINEERING

(Run by Sri Kandula Obula Reddy Charities)

(AUTONOMOUS)

KADAPA - 516 005.

No.

CASH/BANK VOUCHER

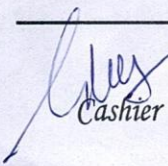
Date 3/11/21

Name of Account NPTL (FDP)

Paid to B. Swatha

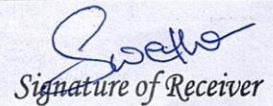
Received the sum of Rs. 200/- (Rupees Two hundred rupees only)

being attender NPTL (FDP) on cloud computing

  
Cashier

V. S. S. M. M. / 5  
Approving Authority

  
Accountant

  
Signature of Receiver

K.S.R.M COLLEGE OF ENGINEERING

UGC- AUTONOMOUS

Incentive for Conference / workshops / Membership fee

Date: 9/8/2021

To  
The Principal  
K.S.R.M College of Engineering  
Kadapa

Sub: Incentive – Requested – Submitted –Reg

---\*\*\*---

Respected Sir

With reference to the cited subject above, I Dr. V. Lokeswara Reddy working  
as a Professor in the department of  
CSE request you to provide financial assistance  
towards Conference / Workshop / Membership Fee / Publication / purpose of  
FDP and an amount of Rs 500/-.

This is submitted for your approval.

Thanking you

Yours Faithfully




Signature of the Faculty

HOD RECOMMENDATION

Dear Sir

I here with recommend the above for your kind consideration

MS



Head of the Department

PRINCIPALS OFFICE

Accepted / ~~Rejected~~

V. S. S. mm/4  
Principal



**CHADALAWADA RAMANAMMA ENGINEERING COLLEGE  
(UGC-AUTONOMOUS)**

Affiliated to JNTUA Anantapur,  
Accredited by NAAC with 'A' Grade & Approved by AICTE, New Delhi  
Chadalawada Nagar, Renigunta Road, Tirupathi, Andhra Pradesh - 517506

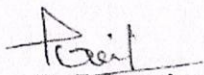
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

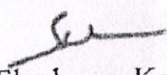
National Level Five-day Faculty Development Programme on

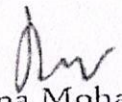
**RECENT ADVANCEMENTS IN COMPUTER SCIENCE AND TECHNOLOGY**


**02<sup>nd</sup> - 06<sup>th</sup> August 2021**

This is to certify that Dr.V.Lokeswara Reddy , Professor from K.S.R.M College of Engineering, Andhra Pradesh has participated in National level five-day Faculty Development Programme on "Recent Advancements in Computer Science and Technology" organised by Department of Computer Science and Engineering, Chadalawada Ramanamma Engineering College (Autonomous), Tirupati from 02<sup>nd</sup> - 06<sup>th</sup> August, 2021.

  
Ms. P. Poornima  
Program co-ordinator

  
Dr. S. Thulasee Krishna  
Professor & Convener

  
Dr. A. Rama Mohan Reddy  
Professor & HoD / CSE

  
Dr. P. Sanjeeva Rayudu  
Principal

# K.S.R.M. COLLEGE OF ENGINEERING

(Run by Sri Kandula Obula Reddy Charities)

(AUTONOMOUS)

KADAPA - 516 005.

CASH/BANK VOUCHER

No.

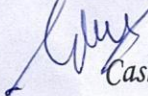
Date 9/8/21

Name of Account FDP

Paid to Dr. V. Lokeswara Reddy

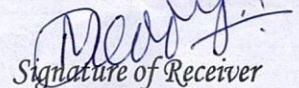
Received the sum of Rs. 500 (Rupees Five Hundred Rupees only)

being attended FDP on Recent Advancements In  
Computer Science And Technology

  
Cashier

V.S.S. mm/g  
Approving Authority

  
Accountant

  
Signature of Receiver

# K.S.R.M COLLEGE OF ENGINEERING

UGC- AUTONOMOUS

## Incentive for Conference / workshops / Membership fee

Date: 6/9/2021

To  
The Principal  
K.S.R.M College of Engineering  
Kadapa

Sub: Incentive – Requested – Submitted –Reg

---\*\*\*---

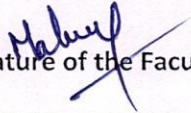
Respected Sir

With reference to the cited subject above, I B. Mahesh Reddy working  
as a Assistant Professor in the department of  
CSE request you to provide financial assistance  
towards Conference / Workshop / Membership Fee / Publication / purpose of  
FDP and an amount of Rs 500.

This is submitted for your approval.

Thanking you

Yours Faithfully

  
Signature of the Faculty


---

### HOD RECOMMENDATION

Dear Sir

I here with recommend the above for your kind consideration

MS

  
Head of the Department

---

### PRINCIPALS OFFICE

Accepted / Rejected

V. S. S. Mm / 5  
Principal



VoLTE

3.3 K/s 4G 78 10:00 PM



Bommepalle Mahesh...



ANDHRA PRADESH STATE SKILL DEVELOPMENT CORPORATION (APSSDC)



Cert.No. FIP-MLP-167

Certificate



This is to certify that Mr./Ms./Dr. .... Bommepalle Mahesh Reddy .....  
has actively participated and successfully completed APSSDC online  
DIP on ..... Machine Learning Using Python .....  
from ..... 16-08-2021 ..... to ..... 04-09-2021 .....

*[Signature]*

Dr. D.V. Rama Koti Reddy  
Executive Director  
APSSDC

*[Signature]*

Sri N. Bangara Raju  
Managing Director,  
APSSDC

Andhra Pradesh State Skill Development Corporation, Government of Andhra Pradesh



# K.S.R.M. COLLEGE OF ENGINEERING

(Run by Sri Kandula Obula Reddy Charities)

(AUTONOMOUS)

KADAPA - 516 005.

No.

CASH/BANK VOUCHER

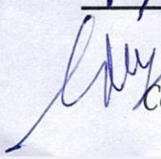
Date 6/9/21

Name of Account FDP

Paid to B. Mahesh Reddy

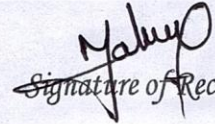
Received the sum of Rs. 500 (Rupees Five hundred Rupees only)

being Attainted FDP on Machine Learning using Python.

  
Cashier

V.S.S. mm/19  
Approving Authority

  
Accountant

  
Signature of Receiver

K.S.R.M COLLEGE OF ENGINEERING

UGC- AUTONOMOUS

Incentive for Conference / workshops / Membership fee

Date: 6/9/2021

To  
The Principal  
K.S.R.M College of Engineering  
Kadapa

Sub: Incentive – Requested – Submitted – Reg

---\*\*\*---

Respected Sir

With reference to the cited subject above, I Dr. V. Lokeshwara Reddy working  
as a Professor in the department of  
CSE request you to provide financial assistance  
towards Conference / Workshop / Membership Fee / Publication / purpose of  
FOP and an amount of Rs 500/-.

This is submitted for your approval.

Thanking you

Yours Faithfully



Signature of the Faculty


---

HOD RECOMMENDATION

Dear Sir

I here with recommend the above for your kind consideration

MS



Head of the Department

---

PRINCIPALS OFFICE

Accepted / Rejected

V. S. S. MM/15  
Principal



# ANDHRA PRADESH STATE SKILL DEVELOPMENT CORPORATION (APSSDC)



Cert.No. FIP-MLP-156

## Certificate



*This is to certify that Mr./Ms./Dr. .... Dr V.Lokeswa Reddy.....  
has actively participated and successfully completed APSSDC online  
FDP on ..... Machine Learning Using Python.....  
from ..... 16-08-2021 ..... to ..... 04-09-2021.....*

**Dr. D.V. Rama Koti Reddy**  
Executive Director  
APSSDC

**Sri N. Bangara Raju**  
Managing Director,  
APSSDC

Andhra Pradesh State Skill Development Corporation, Government of Andhra Pradesh

# K.S.R.M. COLLEGE OF ENGINEERING

(Run by Sri Kandula Obula Reddy Charities)

(AUTONOMOUS)

KADAPA - 516 005.

CASH/BANK VOUCHER

No.

Date 6/9/24

Name of Account FDP

Paid to Dr. V. Lakeswara Reddy

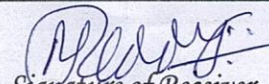
Received the sum of Rs. 500 (Rupees Five hundred Rupees only)

being Attending FDP on Machine Leasing using Python.

  
Cashier

V. S. S. Mm/15  
Approving Authority

  
Accountant

  
Signature of Receiver

# K.S.R.M COLLEGE OF ENGINEERING

UGC- AUTONOMOUS

Incentive for Conference / workshops / Membership fee

Date: 11/09/2021

To  
The Principal  
K.S.R.M College of Engineering  
Kadapa

Sub: Incentive – Requested – Submitted –Reg

---\*\*\*---

Respected Sir

With reference to the cited subject above, I Dr. N. Ramanjaneya Reddy working  
as a Associative professor in the department of  
ESE request you to provide financial assistance  
towards Conference / Workshop / Membership Fee / Publication / purpose of  
FDP and an amount of Rs 500/-.

This is submitted for your approval.

Thanking you

Yours Faithfully

  
Signature of the Faculty


---

## HOD RECOMMENDATION

Dear Sir

I here with recommend the above for your kind consideration

MS

  
Head of the Department

---

PRINCIPALS OFFICE

Accepted / ~~Rejected~~

V. S. S. Mm/15  
Principal



# ANDHRA PRADESH STATE SKILL DEVELOPMENT CORPORATION (APSSDC)



Cert.No. FIP-MLP-147

## Certificate



*This is to certify that Mr./Ms./Dr. .... N. Ramanjaneya Reddy.....*  
*has actively participated and successfully completed APSSDC online*  
*FDP on ..... Machine Learning Using Python.....*  
*from ..... 16-08-2021 ..... to ..... 04-09-2021 .....*

**Dr. D.V. Rama Koti Reddy**

Executive Director  
APSSDC

**Sri N. Bangara Raju**

Managing Director,  
APSSDC

Andhra Pradesh State Skill Development Corporation, Government of Andhra Pradesh

# K.S.R.M. COLLEGE OF ENGINEERING

(Run by Sri Kandula Obula Reddy Charities)

(AUTONOMOUS)

KADAPA - 516 005.

CASH/BANK VOUCHER

No.

Date 11/9/21

Name of Account FDP


Paid to Dr. N. Ramanjaneya Reddy

Received the sum of Rs. 500 (Rupees Five Hundred Rupees only)

being attended FDP on Machine Learning Using  
Python

  
Cashier

V. S. S. MM/19  
Approving Authority

  
Accountant

  
Signature of Receiver



# K.S.R.M COLLEGE OF ENGINEERING

UGC- AUTONOMOUS

Incentive for Conference / workshops / Membership fee

Date: 29/6/2022

To  
The Principal  
K.S.R.M College of Engineering  
Kadapa

Sub: Incentive – Requested – Submitted –Reg

---\*\*\*---


Respected Sir

With reference to the cited subject above, I Dr. S.M. Farooq working  
as a Associative Professor in the department of  
CSE request you to provide financial assistance  
towards Conference / Workshop / Membership Fee / Publication / purpose of  
FDP and an amount of Rs 500/-.

This is submitted for your approval.

Thanking you

Yours Faithfully



Signature of the Faculty

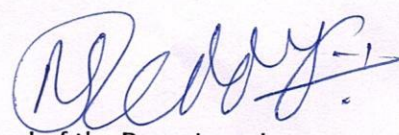
---

## HOD RECOMMENDATION

Dear Sir

I here with recommend the above for your kind consideration

LR



Head of the Department

---

## PRINCIPALS OFFICE

Accepted / Rejected —

V. S. S. Mmlg  
Principal



# CERTIFICATE OF APPRECIATION

## IUCEE NEP PROGRAM

THIS IS TO CERTIFY THAT

**Dr. S.M.Farooq**

FROM

KSRM College of Engineering, AP

Contributed valuable time as a

**Faculty Mentor**

For the Course

**“Design Thinking”**

January 2022 to June 2022

8 Webinars with Assignments and Projects

Global Expert Faculty

Dr. William Oakes

Purdue University, USA

*KRISHNA VEDULA*

DR. KRISHNA VEDULA

EXECUTIVE DIRECTOR - IUCEE FOUNDATION

# K.S.R.M. COLLEGE OF ENGINEERING

(Run by Sri Kandula Obula Reddy Charities)

(AUTONOMOUS)

KADAPA - 516 005.

CASH/BANK VOUCHER

No.

Date 29/6/22

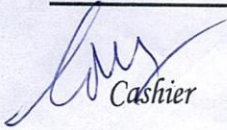
Name of Account FDP

Paid to Dr. C.M. Farooq

Received the sum of Rs. 500 (Rupees Five hundred rupees.

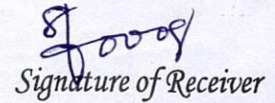
only)

being Attended FDP on "Design thinking"

  
Cashier

V. S. S. mm/g  
Approving Authority

  
Accountant

  
Signature of Receiver

K.S.R.M COLLEGE OF ENGINEERING

UGC- AUTONOMOUS

Incentive for Conference / workshops / Membership fee

Date: 1/11/2021

To  
The Principal  
K.S.R.M College of Engineering  
Kadapa

Sub: Incentive – Requested – Submitted –Reg

---\*\*\*---

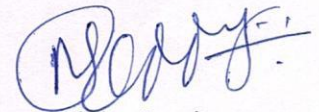
Respected Sir

With reference to the cited subject above, I Dr. V. Lokeswara Reddy working  
as a Professor in the department of  
CSE request you to provide financial assistance  
towards Conference / Workshop / Membership Fee / Publication / purpose of  
FDP and an amount of Rs 500/-.

This is submitted for your approval.

Thanking you

Yours Faithfully



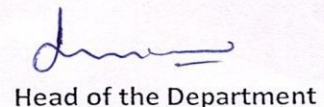
Signature of the Faculty

HOD RECOMMENDATION

Dear Sir

I here with recommend the above for your kind consideration

MS



Head of the Department

PRINCIPALS OFFICE

Accepted / Rejected

V. S. S. Mm/15  
Principal



**ELECTRONICS & ICT ACADEMY**  
**NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL, (T.S.), INDIA**  
 and  
**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR**



**Participation Certificate**

This is to certify that **Dr. V. LOKESWARA REDDY, PROFESSOR**  
 from **K.S.R.M COLLEGE OF ENGINEERING, KADAPA** has  
 participated in a 40-hour Online Faculty Development Programme on "Data Science-Foundations  
 and Research Issues" Sponsored by Ministry of Electronics and Information Technology (MeitY)  
 GoI, organised by E&ICT Academy, NIT Warangal and Jawaharlal Nehru Technological University Anantapur  
 during 19<sup>th</sup>-29<sup>th</sup> October, 2021.

She / He has successfully completed all the requirements for the completion of the programme.

*[Signature]*  
 Prof. P. Chenna Reddy  
 Coordinator  
 JNTUACEA, Anantapur

*[Signature]*  
 Dr. M. Srinivas  
 Coordinator  
 NIT, Warangal

*[Signature]*  
 Prof. K. Madhavi  
 HCSED  
 JNTUACEA, Anantapur

*[Signature]*  
 P. Sujatha  
 Principal  
 JNTUACEA, Anantapur

*[Signature]*  
 Prof. R.B.V. Subramaanyam  
 Chief Investigator  
 E&ICT Academy, NIT Warangal

*[Signature]*  
 Prof. N.V. Ramana Rao  
 Director  
 NIT, Warangal

# K.S.R.M. COLLEGE OF ENGINEERING

(Run by Sri Kandula Obula Reddy Charities)

(AUTONOMOUS)

KADAPA - 516 005.

CASH/BANK VOUCHER

No.

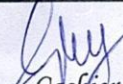
Date 11/11/21

Name of Account FDP


Paid to Dr. V. Lokeshwara Reddy

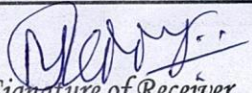
Received the sum of Rs. 500 (Rupees Five Hundred Rupees only)

being attended FDP on Data Science - Foundations and  
Research Issues

  
Cashier

V.S.S. mm/ly  
Approving Authority

  
Accountant

  
Signature of Receiver

# K.S.R.M COLLEGE OF ENGINEERING

UGC- AUTONOMOUS

## Incentive for Conference / workshops / Membership fee

Date: 12-11-2021

To  
The Principal  
K.S.R.M College of Engineering  
Kadapa

Sub: Incentive – Requested – Submitted –Reg

---\*\*\*---

Respected Sir

With reference to the cited subject above, I z. shobha Rani working  
as a Assistant professor in the department of  
CSE request you to provide financial assistance  
towards Conference / Workshop / Membership Fee / Publication / purpose of  
FDP and an amount of Rs 500/-.

This is submitted for your approval.

Thanking you

Yours Faithfully

Signature of the Faculty

---

### HOD RECOMMENDATION

Dear Sir

I here with recommend the above for your kind consideration

MS

Head of the Department

---

### PRINCIPALS OFFICE

Accepted / ~~Rejected~~

V. S. S. MM/5  
Principal



ANDHRA PRADESH STATE SKILL DEVELOPMENT CORPORATION (APSSDC)



Cert.No. FDP-Kotlin-112

## Certificate



*This is to certify that Mr./Ms./Dr. .... Z.shobha Rani.....*  
*has actively participated and successfully completed APSSDC online*  
*FDP on .....Android Application Development using Kotlin.....*  
*from .....27-10-2021..... to .....10-11-2021.....*

**Dr. Ravi K. Gujjula**

Chief General Manager (Technical)  
APSSDC

**Sri N. Bangara Raju**

Managing Director,  
APSSDC

Andhra Pradesh State Skill Development Corporation, Government of Andhra Pradesh



# K.S.R.M. COLLEGE OF ENGINEERING

(Run by Sri Kandula Obula Reddy Charities)

(AUTONOMOUS)

KADAPA - 516 005.

CASH/BANK VOUCHER

No.

Date 12/11/21

Name of Account FDP

Paid to Z. Shobha Rani

Received the sum of Rs. 500/- (Rupees Five hundred

Rupees only)

being Attending FDP on Android Application Develop-  
ment using kotlin

  
Cashier

V. S. S. M. W. 19  
Approving Authority

  
Accountant

  
Signature of Receiver

K.S.R.M COLLEGE OF ENGINEERING

UGC- AUTONOMOUS

Incentive for Conference / workshops / Membership fee

Date: 13/11/2021

To  
The Principal  
K.S.R.M College of Engineering  
Kadapa

Sub: Incentive – Requested – Submitted –Reg

---\*\*\*---

Respected Sir

With reference to the cited subject above, I O.V. Soumya working  
as a Assistant Professor in the department of  
CSE request you to provide financial assistance  
towards Conference / Workshop / Membership Fee / Publication / purpose of  
FDP and an amount of Rs 500/-.

This is submitted for your approval.

Thanking you

Yours Faithfully



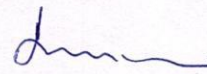
Signature of the Faculty

HOD RECOMMENDATION

Dear Sir

I here with recommend the above for your kind consideration

MS

  
Head of the Department

PRINCIPALS OFFICE

Accepted / ~~Rejected~~

V. S. S. MM/15  
Principal



# ANDHRA PRADESH STATE SKILL DEVELOPMENT CORPORATION (APSSDC)



Cert.No. FDP-Kotlin-103

## Certificate



This is to certify that Mr./Ms./Dr. .... Sowmya.....  
has actively participated and successfully completed APSSDC online  
FDP on ..... Android Application Development using Kotlin.....  
from .....27-10-2021..... to .....10-11-2021.....

**Dr. Ravi K. Gujjula**

Chief General Manager (Technical)

APSSDC

**Sri N. Bangara Raju**

Managing Director,

APSSDC

Andhra Pradesh State Skill Development Corporation, Government of Andhra Pradesh

# K.S.R.M. COLLEGE OF ENGINEERING

(Run by Sri Kandula Obula Reddy Charities)

(AUTONOMOUS)

KADAPA - 516 005.

CASH/BANK VOUCHER

No.

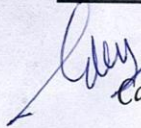
Date 13/11/21

Name of Account FDP

Paid to O.V. Soumya

Received the sum of Rs. 500/- (Rupees Five hundred rupees

only)  
being attended FDP on Android Application Development  
using Kotlin.

  
Cashier

V. S. S. M. M. 19  
Approving Authority

  
Accountant

  
Signature of Receiver

# K.S.R.M COLLEGE OF ENGINEERING

UGC- AUTONOMOUS

Incentive for Conference / workshops / Membership fee

Date: 23/11/2021

To  
The Principal  
K.S.R.M College of Engineering  
Kadapa

Sub: Incentive – Requested – Submitted –Reg

---\*\*\*---


Respected Sir

With reference to the cited subject above, I Dr. N. Ramanjaneya Reddy working  
as a Associative Professor in the department of  
CSE request you to provide financial assistance  
towards Conference / Workshop / Membership Fee / Publication / purpose of  
FDP and an amount of Rs 1000/-.

This is submitted for your approval.

Thanking you

Yours Faithfully

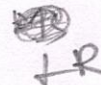
  
Signature of the Faculty

---

## HOD RECOMMENDATION

Dear Sir

I here with recommend the above for your kind consideration



  
Head of the Department

---

PRINCIPALS OFFICE

Accepted / Rejected

V. S. S. Mm/15  
Principal



**CMR ENGINEERING COLLEGE**

(UGC AUTONOMOUS)

(Accredited by NBA & NAAC\*, Approved by AICTE\*, Affiliated by JNTUH)



# Certificate of Participation

*This is to certify that Mr/ Ms/ Mrs/ Dr*

**N. Ramanjaneya Reddy, Associate Professor, KSRM COLLEGE OF**

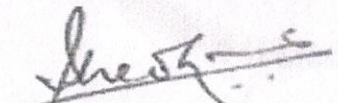
**ENGINEERING, KADAPA**

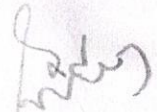
*has Participated & Completed Successfully FIVE DAY National Level Online*

*Faculty Development Programme On "DATA ANALYSIS & MINING WITH PYTHON"*

*Organized by Department of Computer Science & Engineering,*

*CMR Engineering College, Hyderabad, from 08<sup>th</sup> - 12<sup>th</sup> November 2021.*

  
**Dr. Sheo Kumar**  
(HOD - CSE)  
(Convenor)

  
**Dr. A. Srinivasula Reddy**  
(Principal)

# K.S.R.M. COLLEGE OF ENGINEERING

(Run by Sri Kandula Obula Reddy Charities)

(AUTONOMOUS)

KADAPA - 516 005.

CASH/BANK VOUCHER

No.

Date 23/11/24

Name of Account FDP

Paid to Dr. N. Ramanjaneya Reddy

Received the sum of Rs. 1000/- (Rupees One Thousand only)

being Attended FDP on "Data Analysis & Mining with Python"

  
Cashier

V.S.S. Mm/15  
Approving Authority

  
Accountant

  
Signature of Receiver

K.S.R.M COLLEGE OF ENGINEERING

UGC- AUTONOMOUS

Incentive for Conference / workshops / Membership fee

Date: 13/12/2021

To  
The Principal  
K.S.R.M College of Engineering  
Kadapa

Sub: Incentive – Requested – Submitted –Reg

---\*\*\*---

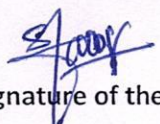
Respected Sir

With reference to the cited subject above, I Dr. S.M. Farooq working  
as a Associate Professor in the department of  
CSE request you to provide financial assistance  
towards Conference / Workshop / Membership Fee / Publication / purpose of  
FDP and an amount of Rs 500/-.

This is submitted for your approval.

Thanking you

Yours Faithfully

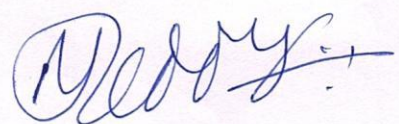
  
Signature of the Faculty

HOD RECOMMENDATION

Dear Sir

I here with recommend the above for your kind consideration

LR

  
Head of the Department

PRINCIPALS OFFICE

Accepted / Rejected

V. S. S. Mm/5  
Principal





**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

**AICTE Training and Learning (ATAL) Academy**

*Certificate*

This is certified that Shaik Mullapathi Farooq, Associate Professor of KSRM College of Engineering (UGC-Autonomous), Kadapa participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Role of Artificial Intelligence in Cyber Security" from 06/12/2021 to 10/12/2021 at GITAM Deemed to be University.

Advisor-I, ATAL Academy  
Manta Rani Agarwal



Coordinator

# K.S.R.M. COLLEGE OF ENGINEERING

(Run by Sri Kandula Obula Reddy Charities)

(AUTONOMOUS)

KADAPA - 516 005.

CASH/BANK VOUCHER

No.

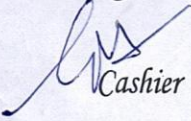
Date 13/12/21

Name of Account FDP

Paid to Dr. SM. Fatog

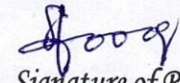
Received the sum of Rs. 500/- (Rupees Five hundred rupees

only)  
being attended FDP on Role of Artificial Intelligence in  
cyber security.

  
Cashier

U. S. S. mmly  
Approving Authority

  
Accountant

  
Signature of Receiver

# K.S.R.M COLLEGE OF ENGINEERING

UGC- AUTONOMOUS

Incentive for Conference / workshops / Membership fee

Date: 31/12/2021

To  
The Principal  
K.S.R.M College of Engineering  
Kadapa

Sub: Incentive – Requested – Submitted –Reg

---\*\*\*---

Respected Sir

With reference to the cited subject above, I Dr V. Lokeshwara Reddy working

as a Professor in the department of

CSE request you to provide financial assistance

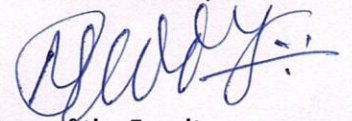
towards Conference / Workshop / Membership Fee / Publication / purpose of

International Conference and an amount of Rs 500/-.

This is submitted for your approval.

Thanking you

Yours Faithfully



Signature of the Faculty

---

## HOD RECOMMENDATION

Dear Sir

I here with recommend the above for your kind consideration

LR



Head of the Department

---

## PRINCIPALS OFFICE

Accepted / Rejected

V. S. S. mm/15  
Principal



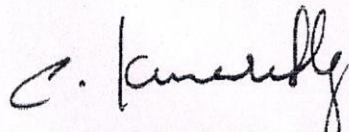
**K.S.R.M. COLLEGE OF ENGINEERING**  
**UGC - AUTONOMOUS**

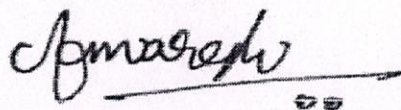
Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.  
Kadapa, Andhra Pradesh, India- 516 003

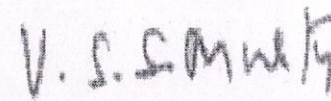



***Certificate of Participation***

This is to certify that **Dr.V.Lokeswara Reddy, CSE, KSRM College of Engineering** has presented a paper on **An Efficient Authentication Scheme for Mobile Devices Using Two Factor Key Agreement, RTET-GSE-05** during the National Conference on **Recent Trends in Engineering and Technology - 2021 (RTET - 2021)** organized by the Department of Electrical and Electronics Engineering, KSRM College of Engineering (Autonomous) in virtual mode on December 29th, 2021.

  
Co-ordinator

  
HoD, EEE

  
Principal

  
Director

## An Efficient Authentication Scheme for Mobile Devices Using Two Factor Key Agreement

Dr.V. Lokeswara Reddy,  
M.Tech., Ph.D.  
Professor & HOD, Department of CSE,  
K.S.R.M. College of Engineering (Autonomous),  
Kadapa, A.P-516005. (India)  
Email: [vlreddy74@gmail.com](mailto:vlreddy74@gmail.com)

M Yogananda Reddy  
K.S.R.M. College of Engineering (Autonomous),  
Kadapa, A.P. (India)  
Email: [179y1a0589@ksrmce.ac.in](mailto:179y1a0589@ksrmce.ac.in)

**Abstract :** As mobile devices ownership becomes more prevalent (e.g. a user owns multiple mobile devices), the capability to offer secure and user friendly authentication becomes increasingly important. While a large number of identity-based user authentication mechanisms for wireless mobile environment have been proposed. However, they are not generally designed for situations where a user's private key and some other sensitive data can be exposed if his/her mobile device is remotely or physically controlled by an attacker. Threshold secret sharing is one of the solutions to this problem, but it is limited in the requirement that there should exist an honest third-party to hold the complete key after secret reconstruction process. Therefore, in this paper, we consider the special case that only two devices (i.e. no honest party) at the user's side jointly perform user authentication with a server, and neither device can successfully complete the authentication process alone. Moreover, the key reconstruction is not needed during authentication so that neither device can hold a complete key. We then analyze the security of the proposed protocol and show that it satisfies all known security requirements in practical applications, particularly the key exposure attack resistance.

### 1. INTRODUCTION

With the rapid development of wireless communication technologies, the mobile devices (i.e. smartphones and PADs) have become more popular and ubiquitous owing to the fact that they enable users to access the Internet anytime and anywhere. According to a recent survey, the number of smartphones users in the United States has risen steadily in recent years. Up to 2017, the number of smartphones was approximately 224.3 million, with the number of smartphone users worldwide exceeding 2 billion users. It is also increasingly common for individuals to travel with at least two mobile devices, including wearable devices (e.g. smart watch) that are being paired to their smartphones. Advances in wireless telecommunication technology have paved the way for a wide variety of mobile services, such as on-line shopping, mobile banking. This technology revolution brings much convenience to the end-users who are limited to the distance and time. However, the more we use the mobile service in wireless networks, the higher risk we will have. For example, Kaspersky Lab reported that mobile banking usage in Brazil reached 11.2 billion transactions in 2015, with more than 33 million active accounts (according to the Brazilian Federation of Banks). Kaspersky Lab also claimed that such numbers and the possibility of cheaply sending SMS messages are very attractive to cybercriminals. Briefly depicts the system model of a typical mobile communication setup. Owing to the openness of network environment, attackers are capable of intercepting, modifying or replaying messages, as well as impersonating a legal user to access the remote servers for services. Therefore, an effective and user friendly mutual authentication between mobile devices and remote servers is indispensable. A large number of authentication and key agreement protocols designed for mobile devices have been proposed in literature, including those designed for reducing the computation and storage overheads and those designed for providing identity anonymity during the communication process. However, ensuring the privacy protection of the private authenticated key in such protocols is a relatively understudied area. Generally, to authenticate a user, we rely on the user proving his/her ownership of the corresponding private authenticated key distributed by the registration center, since such (private) keys are usually stored in the user's personal mobile devices. When a mobile device is lost or stolen, the private keys associated with some client applications (e.g., Bitcoin wallets and banking accounts), may be recovered by using mobile forensic tools. Upon recovering such keys, the attackers can use the mobile devices and its stored information to authenticate with a remote server for nefarious purposes. Existing authentication and key agreement protocols are generally designed to provide message security against external attackers and establish session secure key. We posit the importance of also the storage of private keys and how the key is being used. For example, a secure

# K.S.R.M. COLLEGE OF ENGINEERING

(Run by Sri Kandula Obula Reddy Charities)

(AUTONOMOUS)

KADAPA - 516 005.

No.

CASH/BANK VOUCHER


Date 31/12/21

Name of Account Conference

Paid to Dr. V. Lokeswara Reddy

Received the sum of Rs. 500/- (Rupees five Hundred only)

being Published Conference on "An Efficient Authentication Scheme for mobile Devices using Two factor Key Agreement"

  
Cashier

U. S. S. Mm 19  
Approving Authority

  
Accountant

  
Signature of Receiver

# K.S.R.M COLLEGE OF ENGINEERING

UGC-AUTONOMOUS

## Incentive for Conference / workshops / Membership fee

Date: 20/04/2022

To  
The Principal  
K.S.R.M College of Engineering  
Kadapa

Sub: Incentive – Requested – Submitted –Reg

---\*\*\*---

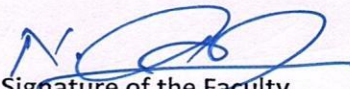
Respected Sir

With reference to the cited subject above, I Dr. N. Ramarajanya Reddy working  
as a Associative professor in the department of  
CSE request you to provide financial assistance  
towards Conference / Workshop / Membership Fee / Publication / purpose of  
NPTEL and an amount of Rs 1000/-.

This is submitted for your approval.

Thanking you

Yours Faithfully

  
Signature of the Faculty

---

### HOD RECOMMENDATION

Dear Sir

I here with recommend the above for your kind consideration

LR

  
Head of the Department

---

PRINCIPALS OFFICE

Accepted / Rejected

V. S. S. mmk  
Principal

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS32S33680044

To  
N RAMANJANEYA REDDY  
2-502 BALAJI NAGAR  
NEAR EXCISE POLICE STATION , PRODDATUR  
PRODDATUR  
ANDHRA PRADESH - 516360  
PH. NO :8555079300



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:1

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**N RAMANJANEYA REDDY**

for successfully completing the course

**Python for Data Science**



with a consolidated score of **77** %

Online Assignments	24.17/25	Programming Exam	25/25	Proctored Exam	27.33/50
--------------------	----------	------------------	-------	----------------	----------

Total number of candidates certified in this course: **3390**

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jan-Feb 2022  
(4 week course)

*Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22CS32S33680044

To validate and check scores: <https://nptel.ac.in/noc>



# K.S.R.M. COLLEGE OF ENGINEERING

(Run by Sri Kandula Obula Reddy Charities)

(AUTONOMOUS)

KADAPA - 516 005.

CASH/BANK VOUCHER

No.

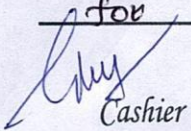
Date 20/4/22

Name of Account NPTEL

Paid to Dr. N. Ramanjaneya Reddy

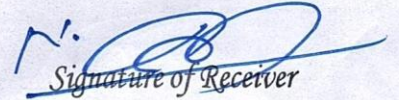
Received the sum of Rs. 1000 (Rupees Thousand Rupees  
only)

being attended NPTEL Certification course on Python  
for Data Science

  
Cashier

U. S. S. MM/19  
Approving Authority

  
Accountant

  
Signature of Receiver

# K.S.R.M COLLEGE OF ENGINEERING

UGC- AUTONOMOUS

## Incentive for Conference / workshops / Membership fee

Date: 20/04/2022

To  
The Principal  
K.S.R.M College of Engineering  
Kadapa

Sub: Incentive – Requested – Submitted –Reg

---\*\*\*---

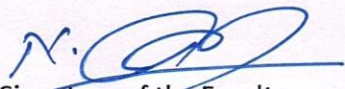
Respected Sir

With reference to the cited subject above, I Dr. N. Ramenjaneya Reddy working  
as a Associative professor in the department of  
CSE request you to provide financial assistance  
towards Conference / Workshop / Membership Fee / Publication / purpose of  
NPTEL FDP and an amount of Rs 2000/-.

This is submitted for your approval.

Thanking you

Yours Faithfully

  
Signature of the Faculty

---

### HOD RECOMMENDATION

Dear Sir

I here with recommend the above for your kind consideration

LR

  
Head of the Department

---

### PRINCIPALS OFFICE

Accepted / Rejected

V. S. S. mm/5  
Principal

Roll No:NPTEL22CS32S33680044

To N RAMANJANEYA REDDY  
2-502 BALAJI NAGAR  
NEAR EXCISE POLICE STATION , PRODDATUR  
PRODDATUR  
ANDHRA PRADESH - 516360  
PH. NO :8555079300



No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP

Duration of NPTEL course: 4 Weeks



# NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**N RAMANJANEYA REDDY**

for successfully completing the course

**Python for Data Science**

with a consolidated score of **77 %**

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

(Jan-Feb 2022)

Prof. Dileep N. Malkhede  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

Roll No: NPTEL22CS32S33680044

To validate and check scores: <http://npTEL.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

# K.S.R.M. COLLEGE OF ENGINEERING

(Run by Sri Kandula Obula Reddy Charities)

(AUTONOMOUS)

KADAPA - 516 005.

CASH/BANK VOUCHER

No.

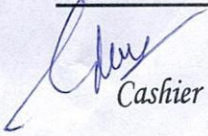
Date 20/4/22

Name of Account NPTEL FDP

Paid to Dr. N. Ramanjaneya Reddy

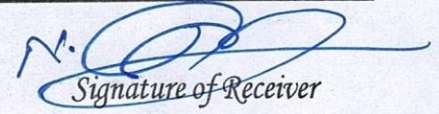
Received the sum of Rs. 200 (Rupees Two Hundred Rupees only)

being attended NPTEL FDP on Python for Data Science

  
Cashier

V. S. S. MM/4  
Approving Authority

  
Accountant

  
Signature of Receiver

# K.S.R.M COLLEGE OF ENGINEERING

UGC- AUTONOMOUS

Incentive for Conference / workshops / Membership fee

Date: 30/01/2022

To  
The Principal  
K.S.R.M College of Engineering  
Kadapa

Sub: Incentive – Requested – Submitted – Reg

---\*\*\*---

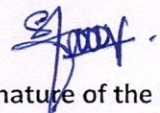
Respected Sir

With reference to the cited subject above, I Dr. S.M. Farooq working  
as a Associative Professor in the department of  
CSE request you to provide financial assistance  
towards Conference / Workshop / Membership Fee / Publication / purpose of  
Membership Fee and an amount of Rs 6000/-.

This is submitted for your approval.

Thanking you

Yours Faithfully

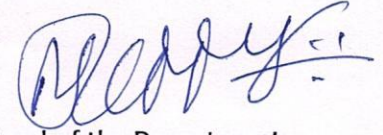
  
Signature of the Faculty

---

## HOD RECOMMENDATION

Dear Sir

I here with recommend the above for your kind consideration

LR  
  
Head of the Department

---

## PRINCIPALS OFFICE

Accepted / Rejected

V. S. S. M M / S  
Principal

# 2022 Certificate of IEEE Membership

*This certificate recognizes*

**S. M. Farooq**

as a Senior Member in good standing through December 2022, denoting  
a personal and professional commitment to the advancement of technology

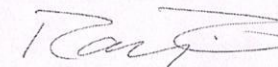
*...in the company of  
innovators worldwide*

**Jacob Ziv**

2021 Medal of Honor Recipient

Technion Research Professor Emeritus,  
Technion, Israel Institute of Technology,  
Haifa, Israel

"For fundamental contributions to information  
theory and data compression technology,  
and for distinguished research leadership."



K. J. RAY LIU  
2022 IEEE PRESIDENT

# K.S.R.M. COLLEGE OF ENGINEERING

(Run by Sri Kandula Obula Reddy Charities)

(AUTONOMOUS)

KADAPA - 516 005.

No.

CASH/BANK VOUCHER

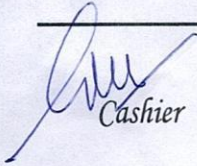
Date 30/1/22

Name of Account Membership

Paid to Dr. S.M. Farooq

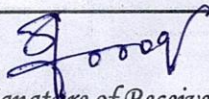
Received the sum of Rs. 6000 (Rupees Six thousand rupees. only)

being IEEE Membership ~~on~~

  
Cashier

V. S. S. Mmlg  
Approving Authority

  
Accountant

  
Signature of Receiver

# K.S.R.M COLLEGE OF ENGINEERING

UGC- AUTONOMOUS

## Incentive for Conference / workshops / Membership fee

Date: 11-01-2022

To  
The Principal  
K.S.R.M College of Engineering  
Kadapa

Sub: Incentive – Requested – Submitted –Reg

---\*\*\*---


Respected Sir

With reference to the cited subject above, I Z. Shobha Rani working  
as a Assistant professor. in the department of  
CSE request you to provide financial assistance  
towards Conference / Workshop / Membership Fee / Publication / purpose of  
FDP and an amount of Rs 500/-.

This is submitted for your approval.

Thanking you

Yours Faithfully

  
Signature of the Faculty

---

### HOD RECOMMENDATION

Dear Sir

I here with recommend the above for your kind consideration

LR

  
Head of the Department

---

### PRINCIPALS OFFICE

Accepted / Rejected

V. S. S. Mm/15  
Principal





# Certificate



This is to certify that **Z SHOBHA RANI** has successfully completed the AICTE-ISTE approved Orientation/Refresher Programme on **“Web Based Authoring Tools”** held during **03.01.2022** to **08.01.2022** organized by **R.V.R. & J.C. College of Engineering (Autonomous), Guntur, Andhra Pradesh.**

Director (FDC)  
AICTE, ND

Executive Secretary  
ISTE, ND

Program Coordinator  
RVR&JCCE, Guntur

Principal  
RVR&JCCE, Guntur

# K.S.R.M. COLLEGE OF ENGINEERING

(Run by Sri Kandula Obula Reddy Charities)

(AUTONOMOUS)

KADAPA - 516 005.

CASH/BANK VOUCHER

No.

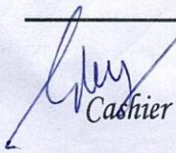
Date 11/1/22

Name of Account FDP

Paid to Z. Shobha Rani

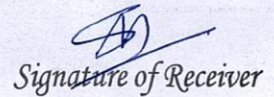
Received the sum of Rs. 500 (Rupees Five Hundred Rupees only)

being attended FDP on Web Based Authoring Tools

  
Cashier

V. S. S. M. M. G.  
Approving Authority

  
Accountant

  
Signature of Receiver

# K.S.R.M COLLEGE OF ENGINEERING

UGC- AUTONOMOUS

Incentive for Conference / workshops / Membership fee

Date: 14/2/2022

To  
The Principal  
K.S.R.M College of Engineering  
Kadapa

Sub: Incentive – Requested – Submitted –Reg

---\*\*\*---

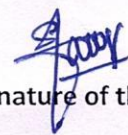
Respected Sir

With reference to the cited subject above, I Dr. S.M. Farooq working  
as a Associative Professor in the department of  
CSE request you to provide financial assistance  
towards Conference / Workshop / Membership Fee / Publication / purpose of  
Workshop and an amount of Rs 500/-.

This is submitted for your approval.

Thanking you

Yours Faithfully

  
Signature of the Faculty

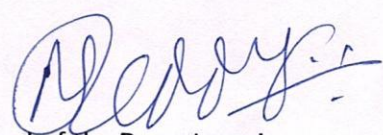
---

## HOD RECOMMENDATION

Dear Sir

I here with recommend the above for your kind consideration

LR

  
Head of the Department

---

## PRINCIPALS OFFICE

Accepted / Rejected

V. S. S. Mm/15  
Principal



BLOCKCHAIN FOR PRODUCTIVITY FORUM  
Presents  
Two Days Bootcamp on Blockchain Technology

This certificate is awarded to

**Farooq Shaik Mullapathi**

For your participation in the workshop held on 11<sup>th</sup> and 12<sup>th</sup> February 2022

Powered by blockchain

Dr Satya N Gupta  
Chairman Blockchain for productivity  
forum

Dr kv Damodharan  
CEO, Blockchain for productivity forum

Dr Shiv Kumar  
Director General, Blockchain for  
productivity forum

# K.S.R.M. COLLEGE OF ENGINEERING

(Run by Sri Kandula Obula Reddy Charities)

(AUTONOMOUS)

KADAPA - 516 005.

CASH/BANK VOUCHER

No.

Date 14/2/22

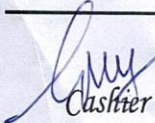
Name of Account Workshop

Paid to Dr. S.M. Farooq

Received the sum of Rs. 500 (Rupees Five hundred rupees.

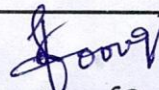
only)

being Attended workshop on Blockchain Technology.

  
Cashier

V. S. S. M. M. / G  
Approving Authority

  
Accountant

  
Signature of Receiver

# K.S.R.M COLLEGE OF ENGINEERING

UGC- AUTONOMOUS ✓

~~Incentive for Conference / workshops / Membership fee~~

Date: 24-3-2022

To  
The Principal  
K.S.R.M College of Engineering  
Kadapa

Sub: Incentive – Requested – Submitted – Reg

---\*\*\*---

Respected Sir

With reference to the cited subject above, I Dr. H.V. Palnamma working  
as a Assoc. Prof. in the department of  
CSE request you to provide financial assistance

towards Conference / Workshop / Membership Fee / Publication / purpose of  
NEP-2020 Reg, food, Travel, Accommodation and an amount of Rs 2,250/-.

This is submitted for your approval.

Thanking you

Yours Faithfully

Signature of the Faculty

HOD RECOMMENDATION

Dear Sir

I here with recommend the above for your kind consideration

Head of the Department

PRINCIPALS OFFICE

Accepted / Rejected

V. S. S. Mm/5  
Principal

National Seminar on  
**National Education Policy - 2020:**  
**A Road Map to Revamp the Indian Higher Education System**

22<sup>nd</sup> - 23<sup>rd</sup> March, 2022 at Sri Venkateswara University and  
Sri Padmavati Mahila Visvavidyalayam, Tirupati, Andhra Pradesh

75  
Azadi Ka  
Amrit Mahotsav



ICFAI  
Foundation  
for Higher Education  
(Deemed to be University under  
Section 3 of the UGC Act, 1956)



भारतीय प्रौद्योगिकी संस्थान तिरुपति  
TIRUPATI



# Certificate

This is to certify that

Prof./Dr./Mr./Mrs./Ms. M.V. RATHNAMMA has

Participated / Delivered talk in the National Seminar on “National Education Policy - 2020: A Road Map to Revamp the Indian Education System”

held during 22<sup>nd</sup> - 23<sup>rd</sup> March, 2022 at Sri Venkateswara University and  
Sri Padmavati Mahila Visvavidyalayam, Tirupati, Andhra Pradesh.

J. Sri Rama Sundar

M.V. Rathnamma

# K.S.R.M. COLLEGE OF ENGINEERING

(Run by Sri Kandula Obula Reddy Charities)

(AUTONOMOUS)

KADAPA - 516 005.

CASH/BANK VOUCHER

No.

Date 29/3/22

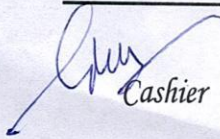
Name of Account Seminar on NEP

Paid to Dr. M.V Rathamma

Received the sum of Rs. 2250 (Rupees Two thousand

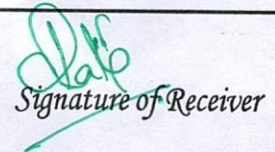
Two hundred fifty only)

being attending seminar on National Education policy

  
Cashier

V.S.S. Mmlk  
Approving Authority

  
Accountant

  
Signature of Receiver