



# **Moodlakatte Institute of Technology**

(A Unit of Moodlakatte Nagarathna Bhujanga Shetty Trust (R.))

(Approved by AICTE, New Delhi & Affiliated to V T U , Belagavi)

Moodlakatte - 576 217, Kundapura Taluk, Udupi District, Karnataka

## **PARTICIPATIVE LEARNING METHODS**

Student centric participative learning methods used to enhance the learning experience

- STUDENT SEMINAR
- TALKS/SEMINAR/WORKSHOPS
- ONLINE COURSES

**Moodlakatte Institute of Technology**  
Moodlakatte, Kundapura - 576217  
Udupi Dist, Karnataka



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Moodlakatte - 576 217, Kundapura Taluk, Udupi District, Karnataka

## SEMINAR

Seminars make the students aware of the updated technologies. Every student has to deliver one seminar on topic of their interest and related to the latest technology. It helps students to improve their knowledge and skills beyond curriculum and text books. It helps them explore their respective engineering discipline and acquire latest information about the things which are happening in science and technology. It enhances the participative learning experience among the students.

Sl. No	Branch	AY 2021- 22
1	Computer Science and Engineering	24
2	Electronics and Communication Engineering	8
3	Civil Engineering	14
4	Mechanical Engineering	13
5	Master of Business Administration	20

Principal

Moodlakatte Institute of Technology  
Moodlakatte, Kundapura - 576217  
Udupi Dist, Karnataka



**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

**SRANA LINGGAMA, BELAGAVI - 590018, KARNATAKA**



**SEMINAR REPORT  
ON**

**"SMART DUST"**

**Submitted in partial fulfillment of the requirement for the award of degree**

**BACHELOR OF ENGINEERING  
IN  
ELECTRONICS & COMMUNICATION ENGINEERING**

**By**

**Ms. DEEKSHA**

**4MK18EC001**

**Seminar Coordinator**

**Prof. Raghunatha B.E. M.Tech**

**Asst Prof. Dept. of ECE**

**DEPARTMENT OF ELECTRONICS & COMMUNICATION  
ENGINEERING**



**MOODLAKATTE INSTITUTE OF TECHNOLOGY KUNDAPURA**

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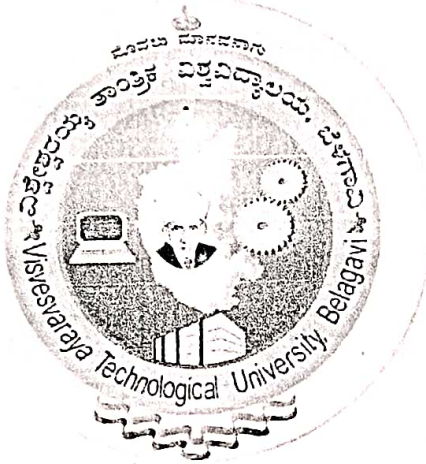
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# VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"JNANA SANGAMA", BELAGAVI - 590018, KARNATAKA



SEMINAR ON

"SMART DUST"

BACHELOR OF ENGINEERING  
IN  
ELECTRONICS & COMMUNICATION ENGINEERING

By

Ms. DEEKSHA

4MK18EC001

Under the Guidance of

Prof. RAGHUNATH B.E., M.Tech

ASSISTANT PROFESSOR

DEPT. OF ECE, MIT KUNDAPURA

DEPARTMENT OF ELECTRONICS & COMMUNICATION  
ENGINEERING



MOODLAKATTE INSTITUTE OF TECHNOLOGY KUNDAPURA

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Udupi Dist, Karnataka

A WIDE  
HORIZON  
OF OPPORTUNITIES





**DEPARTMENT OF ELECTRONICS & COMMUNICATION  
ENGINEERING  
CERTIFICATE**

This is to certify that the Seminar entitled "SMART DUST" is a bonafide work carried out by Ms. DEEKSHA bearing the USN 4MK18EC001 in partial fulfillment for the award of degree Bachelor of Engineering in 'Electronics & Communication Engineering' of the Visvesvaraya Technological University, Belagavi during 2021-2022. It is certified that all corrections and suggestions indicated have been incorporated in the report deposited in the departmental library. The Seminar report has been approved as it satisfies the academic requirements in respect of Seminar prescribed for Bachelor of Engineering Degree.

*Raghunath*  
20/06/2022

**Signature of Guide**

Mr. Raghunath B.E., M.Tech  
Assistant Professor  
Dept. of ECE,  
MIT Kundapura.

*BP*  
20/06/2022

**Signature of HOD**

Mr. Balanageshwara S. B.E., M.Tech  
Assistant Professor  
Dept. of ECE, MIT Kundapura.

*Principal*  
Moodlakatte Institute of Technology  
Moodlakatte, Kundapura - 576217  
Udupi Dist, Karnataka



# **SVS VARAYA TECHNOLOGICAL UNIVERSITY**

**- HANA RANGANA, BELAGAVI - 590013, KARNATAKA**



## **SEMINAR REPORT ON**

## **LIFE TECHNOLOGY**

**Submitted in partial fulfillment of the requirement for the award of degree**

## **BACHELOR OF ENGINEERING IN ELECTRONICS & COMMUNICATION ENGINEERING**

**By**

**MR. KERTTEM DEVADIG**

**4MK19EC400**

**Seminar Coordinator**

**Prof. Raghunatha BE, M.Tech.**

**Asst Prof. Dept. of ECE**

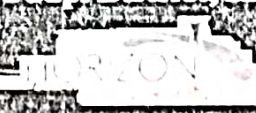
**DEPARTMENT OF ELECTRONICS & COMMUNICATION  
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# VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"JNANA SANGAMA" BELGAVI- 590 018, KARNATAKA



## TECHNICAL SEMINAR REPORT ON "LIFI TECHNOLOGY"

Submitted in partial fulfillment of the requirement for the award of degree

## BACHELOR OF ENGINEERING IN ELECTRONICS AND COMMUNICATION ENGINEERING

By

Ms. KEERTI M DEVADIG

4MK19EC400

Under the guidance of

Prof. RAGHUNATH B. E., M. Tech  
Assistant Professor

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING




MOODLAKATTE INSTITUTE OF TECHNOLOGY

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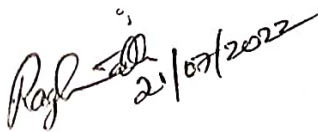
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## Department of Electronics & communication Engineering CERTIFICATE

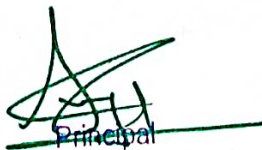
This is to certify that the Seminar entitled "LIFI TECHNOLOGY" is a bonafide work carried out by Ms. KEERTI M DEVADIG bearing the USN:4MK19EC400, in partial fulfillment for the award of degree Bachelor of Engineering in 'Electronics & communication Engineering' of the Jayasavaraya Technological University, Belagavi during 2019-2022. It is certified that all corrections and suggestions indicated have been incorporated in the report deposited in the departmental library. The Seminar report has been approved as it satisfies the academic requirements in respect of Seminar prescribed for Bachelor of Engineering Degree.

  
21/07/2022

(Signature of Guide)  
Prof. Raghunath B. E. M. Tech  
Assistant Professor  
Dept. of ECE  
MIT, Kundapura

  
21/07/2022

(Signature of HOD)  
Prof. Balanageshwara B. E. M. Tech  
Professor & HOD  
Dept. of ECE  
MIT, Kundapura

  
Principal

Moodlakatte Institute of Technology  
Moodlakatte, Kundapura - 576217  
Udupi Dist, Karnataka



**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

**"JNANA BANGAMA", BELAGAVI - 590018, KARNATAKA**



**SEMINAR REPORT  
ON**

**"SIMULATION OF SELF-DRIVING CAR USING DEEP LEARNING"**

**Submitted in partial fulfillment of the requirement for the award of degree**

**BACHELOR OF ENGINEERING**

**IN**

**ELECTRONICS & COMMUNICATION ENGINEERING**

**By**

**SUNITHESHETTY S**

**4MK18EC006**

**Seminar Coordinator**

**Prof. Raghunatha B.E. M.Tech**

**Asst. Prof. Dept. of ECE**

**DEPARTMENT OF ELECTRONICS & COMMUNICATION  
ENGINEERING**



**MOODLAKATTE INSTITUTE OF TECHNOLOGY KUNDAPURA**

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**Moodlakatte Institute of Technology**

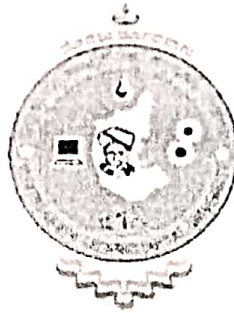
**Moodlakatte 576217, Kundapura, Udupi District, Karnataka**

**Udupi Dist, Karnataka**



# VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"Jnana Sangama", Belagavi - 590018, Karnataka, India



A Seminar Report on

## "SIMULATION OF SELF-DRIVING CAR USING DEEP LEARNING"

*Submitted in partial fulfillment of the requirement for the award of the degree of*

**Bachelor of Engineering**

**Electronics and Communication Engineering**

*Submitted by*

**SUJITH SHETTY S**

**4MK18EC006**

**Under the guidance of**

**Prof. RAGHUNATH**

**ASSISTANT PROFESSOR**

**DEPT OF ECE, MIT KUNDAPURA**




**Department of Electronics and Communication Engineering**

**(Affiliated to VTU, Belgaum and approved by AICTE, New Delhi)**

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**2021 – 2022**

  
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Udupi Dist, Karnataka



# MOODLAKATTE INSTITUTE OF TECHNOLOGY

Department of Electronics and Communication Engineering



## CERTIFICATE

Certified that the Technical seminar report Entitled "SIMULATION OF SELF DRIVING CAR USING DEEP LEARNING" carried out by SUJITH SHETTY S, bearing USN 4MK18EC006, bona-fide student of MOODLAKATTE INSTITUTE OF TECHNOLOGY KUNDAPURA, is in partial fulfillment for the award of the Bachelor of Engineering in Electronics and Communication Engineering from VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year 2021-2022. It is certified that all the corrections/suggestions indicated for Internal Assessment have been incorporated in the report submitted in the department library. The report has been approved as it satisfies the academic requirements in respect of the Internship work prescribed for the said Degree.

*Raghu* 25/07/2022

(Signature of guide)

Prof. Raghunath  
Assistant Professor  
Dept. of ECE  
MIT, Kundapura

*BTS* 25/07/21

(Signature of HOD)

Prof. Balanageshwara S  
Professor & HOD  
Dept. of ECE  
MIT, Kundapura

Name of the Examiners

1. \_\_\_\_\_

2. \_\_\_\_\_

Signature with date

\_\_\_\_\_

\_\_\_\_\_

*[Signature]*  
Principal

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Udupi Dist, Karnataka



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(Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi)

Name : Raju Dabbin

USN No : 4MK22CS036

Roll No : 39

Department : BSH

Semester : 2nd

Subject Name : Introduction To Web Programming

Subject Code : BPLCK205A

Assignment Type : Case Study

Assignment Marks :

(10 Marks)

18/20 *Prameela*

Assignment Given Date : 16/08/2023

Submission Date : 23/08/2023

Submitted To:

Mrs. Prameela

Assistant Professor

Department of CSE

MITK Kundapura

*Demo - 09  
Report - 05  
Vina - 04*

*[Signature]*  
Principal

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Udupi Dist, Karnataka



## CHAPTER 1: INTRODUCTION

### 1. HTML

- HTML is the standard markup language for creating Web pages.
- HTML stands for Hyper Text Markup Language
- HTML describes the structure of Web pages using markup
- HTML elements are the building blocks of HTML pages
- HTML elements are represented by tags
- HTML tags label pieces of content such as "heading", "paragraph", "table",...
- Browsers do not display the HTML tags, but use them to render the content of the page



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INTERNATIONAL STUDENTS

6140 • J. Neurosci., September 24, 2008 • 28(39):6134–6144

CALLER BY

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Moodlakatte - 576 217, Kundapura Taluk, Udupi District, Karnataka

## **TALKS/SEMINAR/WORKSHOPS**

Invited talks/ seminars/ workshops are conducted regularly for students. Various distinguished and eminent experts are invited for the talk. It enhances the participative learning environment, and faculty and students get an opportunity to interact with outstanding industry experts, research scientists and engineers.

**Moodlakatte Institute of Technology**  
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**Moodlakatte – 576 217, Kundapura Taluk, Udupi District, Karnataka**

**Date: 12.02.2023**

**Topic : Hands on Research oriented workshop on “Python basics using Google Collab”**

**Organized On : 11<sup>th</sup> February 2023**

**Resource Person :** 1. Dr Niranjana U C Director of Research & Training  
Manipal Dot Net Pvt Ltd  
2. Krishnaraj Chadaga, Research Scholar, MIT Manipal MAHE

**Contact**

1. <https://www.linkedin.com/in/dilipa-mogaveera-85932719>
2. [https://in.linkedin.com/in/rizwan-roshan-4768792a?trk=people-guest\\_people\\_search-card](https://in.linkedin.com/in/rizwan-roshan-4768792a?trk=people-guest_people_search-card)

**Participants : Students of E&C**  
**No. of Student – 83.**  
**Faculty- 24**

### **Preamble**

Python is the most favorable programming language today and finds many applications in Machine Learning, AI and Mobile Applications. To arouse interest in this field the department of ECE conducted a hands-on workshop on PYTHON BASICS USING GOOGLE COLAB.

One day hands on workshop on “PYTHON BASICS USING GOOGLE COLAB” held to students for give the knowledge about Semiconductor company opportunities in manufacturing medical equipment's. and a study on python basics using Google collab.



### **BRIEF PROFILE OF THE CHIEF GUEST:**

1. **Dr Niranjan U C** is a past chair IEEE-MSS  
President Biomedical Engineering society of India,  
Dept of BME M.I.T Manipal Director of Research & Training  
Manipal Dot Net Pvt Ltd
  
2. **Krishnaraj Chadaga**  
Research Scholar  
M.I.T Manipal MAHE

### **REPORT**

A one-day technical workshop was organized on the subject of Python Basics Using Google Collab from Department of Electronics and Communication., Dr Niranjan U C Director of Research & Training Manipal Dot Net Pvt Ltd and Krishnaraj Chadaga Research Scholar M I T Manipal were the resource person and conducted a workshop for the students. After inaugurating the workshop, he explained the importance of semiconductor technology in Bio Medical Industry and also in the afternoon session Krishnaraj Chadaga who demonstrated hands on experience on Python basics and its applications in various field. Principal of the college, Dr. Abdul Karim, Vice Principal Prof. Melvin de Souza, Head of the Department Professor Balanageshwar, Head of the Department of Artificial Intelligence Professor Varuna kumar, staff, students were present. Professor Akshatha Naik welcomed, student Sinchana Devadiga delivered vote of thanks, Fatima narrated.

### **ORGANIZING COMMITTEE**

#### **Staff co-coordinators**

Mrs. Sookshma Adiga

Mrs. Sushma Shedti

#### **Student Coordinators:**

Mr. Fathima 3<sup>rd</sup> Sem ECE

Mr. Sinchana Devadiga 3<sup>rd</sup> Sem ECE

### **FEEDBACK**



**Resource Person:** The hand on workshop was well planned and properly executed. The response from students was good. Students raised many questions during the workshop. The Resource Person was particularly motivated by the interest aroused in the students during the workshop.

**Student Feedback:** Gained knowledge of Python Programming Language and its benefits and opportunities. Session was interesting and informative. Students felt the resource person was Knowledgeable and they raised many questions.

**Faculty Feedback:** The resource person was knowledgeable and informative. The faculties were inspired by the Resource person.



ಉದಯವಾಣಿ - 25/02/2023

## ಮೂಡ್ಲಕಟ್ಟೆ: ತಾಂತ್ರಿಕ ಕಾರ್ಯಾಗಾರ

ಕುಂದಾಪುರ: ಮೂಡ್ಲಕಟ್ಟೆ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನ ಎಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ಆಂಡ್ ಕಮ್ಯುನಿಕೇಶನ್ ಎಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗ, ಆರ್ಟಿಫಿಶಿಯಲ್ ಇನ್ಟೆಲಿಜೆನ್ಸ್ ಮೆಷಿನ್ ಲರ್ನಿಂಗ್ ಹಾಗೂ ಕಂಪ್ಯೂಟರ್ ಸೈನ್ಸ್ ವಿಭಾಗದ ಸಹಯೋಗದೊಂದಿಗೆ ಗೂಗಲ್ ಕೊಲಾಬ್ ಉಪಯೋಗಿಸಿ ವೈಥಾನ್ ಬೇಸಿಕ್ಸ್ ವಿಷಯದ ಬಗ್ಗೆ ತಾಂತ್ರಿಕ ಕಾರ್ಯಾಗಾರ ಜರುಗಿತು. ಮಣಿಪಾಲ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್



ಟೆಕ್ನಾಲಜಿಯ ಕಂಪ್ಯೂಟರ್ ಸೈನ್ಸ್ ಆಂಡ್ ಎಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗದಲ್ಲಿ ಸಂಶೋಧಕ ಕೃಷ್ಣರಾಜ್ ಚಡಗ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ತರಬೇತಿ ನೀಡಿದರು.



Poster



# MOODLAKATTE INSTITUTE OF TECHNOLOGY

(Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi)

Research oriented Hands on Workshop on  
"PYTHON BASICS USING GOOGLE COLAB"

Organised By  
Departments of ECE, CSE, AI&ML



**Resource Person**  
**Krishnaraj Chadaga**  
Research Scholar,  
M.I.T Manipal MAHE

Date : 11.02.2023

Time : 09:15 AM

📷 f 🐦 in  
mitkundapura

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✉ - [office@mitkundapura.com](mailto:office@mitkundapura.com)

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HoD

  
Principal

**Principal**  
Moodlakatte Institute of Technology  
Moodlakatte, Kundapura - 576217  
Udupi Dist, Karnataka





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
Date: 8.2.2023

### CIRCULAR

This is to inform all Faculties, and students of the Department of Electronics & Communication Engineering that a Hands-on Research oriented Workshop on Python basics using Google Collab will be organised on 11<sup>th</sup> February 2023 in the Auditorium at 10AM. Eminent Persons from Academia and Industry would be the resource person.

All are requested to participate in this workshop.

  
HoD  
Principal

To:  circulate among staff and students

Copy to: Department File





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Moodlakatte - 576 217, Kundapura Taluk, Udupi District, Karnataka

Date: 8.2.2023

## CIRCULAR

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HoD

To: To circulate among staff and students

Copy to: Department File

  
Principal

Principal  
Moodlakatte Institute of Technology  
Moodlakatte, Kundapura - 576217  
Udupi Dist, Karnataka





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Moodlakatte – 576 217, Kundapura Taluk, Udupi District, Karnataka

**Hands on workshop on “Python basics using Google Collab” on 11.2.2023**

**Participant List**

Sl.no	Name	USN
1	ABHISHEK BASAPPA PUJARI	4MK21EC001
2	ADAM ISMAIL SHAIKH	4MK21EC002
3	ADARSH K N	4MK21EC003
4	ASHWINI	4MK21EC004
5	BHUMIKA VENKATESH MOGER	4MK21EC005
6	CHETAN SHRINIVAS NAIK	4MK21EC006
7	CHIDROOP C S	4MK21EC007
8	DEEKSHITA SURESH NAIK	4MK21EC008
9	FATIMA TAHSIR	4MK21EC009
10	GANAPATHI VENKATRAMANA BHAT	4MK21EC010
11	GOUTHAMI	4MK21EC011
12	JEEVAN M K	4MK21EC012
13	KAVYA SHIVARAM GOWDA	4MK21EC013
14	N K VAISHNAVI	4MK21EC014
15	NAGESH VISHNUMOORTHY HEBBAR	4MK21EC015
16	NIKHITHA	4MK21EC016
17	NISHA NARAYAN MOGER	4MK21EC017
18	PUSHPA PUNYA	4MK21EC018
19	RAJATH ACHAR	4MK21EC019
20	ROOPA RAJU NAIK	4MK21EC020
21	RUCHITHA KAMATH S	4MK21EC021
22	SHARANYA	4MK21EC022
23	SHASHANKA H D	4MK21EC023
24	SHREERAKSHA R	4MK21EC024
25	SHRUTHI BM	4MK21EC025
26	SINCHANA B DEVADIGA	4MK21EC026
27	SYED ADIL	4MK21EC027
28	THANUSHREE K G	4MK21EC028
29	TRAPTHI	4MK21EC029
30	VAISHALI SOMANNA GAWADI	4MK21EC030
31	VANDANA S	4MK21EC031
32	VIGNESH	4MK21EC032
33	VINITHA R NAIK	4MK21EC033
34	YASHASWINI JAGADEESH NAIK	4MK21EC034
35	YASHAWANTHA H S	4MK21EC035
36	ANUP SIDDAPPA	4MK20EC001
37	ASHRITHA R SHETTY	4MK20EC002
38	CHAITHRA R	4MK20EC003
39	CHANDANA R	4MK20EC004

40	DEELAKSHA V H	4MK20EC005
41	GNANIKA R	4MK20EC006
42	HAFIZ ABUMOHAMMED BYARI	4MK20EC007
43	HARISH	4MK20EC008
44	HARSHITHA S SHETTY	4MK20EC009
45	IRFAN A SHAIKH	4MK20EC010
46	KOUSHIK B S	4MK20EC011
47	LOHITH	4MK20EC012
48	MEGHANA	4MK20EC013
49	POOJA V	4MK20EC014
50	PRIYA PATANAKAR	4MK20EC015
51	SANDEEPA D H	4MK20EC016
52	SINCHANA S	4MK20EC017
53	SOWNDARYA S	4MK20EC018
54	VAISHNAVI K	4MK20EC019
55	A T GURUMURTHY	4MK19EC001
56	AMAR C BALAGANV	4MK19EC002
57	ANUSHA	4MK19EC003
58	CHANDAN KUMAR C N	4MK19EC004
59	DEEPAK	4MK19EC005
60	HAREESH K KOLAPPANAVAR	4MK19EC006
61	JAG MOHAN KUMAR RAY	4MK19EC007
62	KAVYA N	4MK19EC008
63	KAVYA P S	4MK19EC009
64	MADHURI SHETTY	4MK19EC010
65	MOHAMMAD FARHAN IMRAN	4MK19EC011
66	NAVYA M	4MK19EC012
67	PALLAVI S	4MK19EC013
68	PRAJWAL A N	4MK19EC014
69	PRAJWAL SURENDRA NAIK	4MK19EC015
70	PRAJWAL V JOSHI	4MK19EC016
71	PRATHAM RAJESH RAYKAR	4MK19EC017
72	PREETHAM	4MK19EC018
73	RAGHU B NAYAKAR	4MK19EC019
74	SAGAR Y P	4MK19EC020
75	SIRAJ AHMAD	4MK19EC021
76	SUKESH B S	4MK19EC022
77	SUMAAN KHAN R BAGEWADI	4MK19EC023
78	SUSHMA G	4MK19EC024
79	SWATHI B SWAMY	4MK19EC025
80	V PUNEETH	4MK19EC026
81	VEERENDRA P GOUDAR	4MK19EC027
82	VISHNUMOORTHY NAYAK	4MK19EC028
83	VISHWAS M A	4MK19EC029

  
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Moodlakatte, Kundapura - 576217  
Udupi Dist, Karnataka



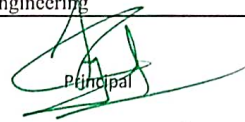


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Hands on workshop on "Python basics using Google Collab" on 11.2.2023		
Participant List		
Sl.no	Name	Department
1	VARUNA KUMARA	Artificial Intelligence & Machine Learning
2	AKSHATHA SHETTY	Basic Science & Humanities
3	ASHA KUMARI	Basic Science & Humanities
4	BHUNESHWAR PASWAN	Basic Science & Humanities
5	CHAITHRA	Basic Science & Humanities
6	DEEPAK SHETTY M	Basic Science & Humanities
7	NIKHILA PAI	Basic Science & Humanities
8	NIDHISHREE	Civil Engineering
9	DR THILAGARAJ T	Computer Science & Engineering
10	FARANA MOHAMMED IMRAN	Computer Science & Engineering
11	MANOJ KUMAR K	Computer Science & Engineering
12	MURALIDHARA B K	Computer Science & Engineering
13	PRAMEELA	Computer Science & Engineering
14	PRASANNA KUMARA	Computer Science & Engineering
15	SHRINIDHI. N	Computer Science & Engineering
16	SMITHASHREE K	Computer Science & Engineering
17	SOOKSHMA ADIGA	Computer Science & Engineering
18	MAMATHA K S	Electronics & Communication Engineering
19	SUSHMA SHEDTHI A	Electronics & Communication Engineering
20	RAGHUNATHA M D	Electronics & Communication Engineering
21	BALANAGESHWARA S	Electronics & Communication Engineering
22	HARISHA	Master of Business Administration
23	KAVYA	Master of Business Administration
24	VENKATESH SHETTY	Master of Business Administration

25	BASAVARAJ KAMBALE	Mechanical Engineering
26	THIMMAPPA D S	Mechanical Engineering
27	VISHWANATH DINAKAR	Mechanical Engineering

  
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**Moodlakatte – 576 217, Kundapura Taluk, Udupi District, Karnataka**

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**Date: 29.12.2022**

**Topic : Research oriented Expert talk on 'Understanding Modern day Applications'**  
**Organized On : 28<sup>th</sup> December 2022**  
**Resource Person : Subramanya Padubidri, Technical Staff, Dell Technologies**  
**Participants : Faculty and Students of E&C, CSE**  
**No. of Student – 83.**

## **PREAMBLE**

Main objective of this Expert talk is to know more about Modern day Technology benefits, activities and opportunities. We believe that empowering our student through continuous learning and professional development is pivotal in nurturing a generation of skilled and visionary engineers. By the end of this program, we envision our students to be equipped with the necessary knowledge and skills to foster a vibrant academic atmosphere that prepares them to excel in the rapidly evolving engineering landscape.

## **REPORT**

The Department of ECE in association with CSE organized an expert talk on "Understanding Modern Day Application" on 28<sup>th</sup> December 2022. Subramanya Padubidri, Technical Staff, Dell Technologies was invited as the resource person. During the session, Resource Person emphasized the advantages of students being associated with technology and understanding its applications He explained how the technology helps to build the personality of engineering students and orient them towards Research. He encouraged the students to take up different technology-based courses and upskill themselves. He also asked the student participate in big numbers for events like Conferences and workshops conducted under different domains.

Principal Dr. Abdul Kareem, Head of the Department Professor Balanageshwar and Head of the Department of Computer Science Professor Muralidhara B K, staff and students were present on this occasion. Professor Akshata Nayak hosted the event. The Resource Person thanked everybody involved in the Expert talk for the same.

## **ORGANIZING COMMITTEE**

### **Chair:**

**Mr. Balanageshwar, HOD Dept of ECE**

**Mr. Muralidhara B K, HoD Dept of CSE**

### **Staff co-coordinators**

Mrs. Akshata Nayak

Assistant Professor (Sr.), Dept of ECE

Mrs. Sookshma Adiga

Assistant Professor (Sr), Dept of CSE

### **Student Coordinators:**

Ms. Ruchita Final Year ECE

Mr. Arjun Raj Final Year CSE

## **FEEDBACK**

**Resource Person:** The Expert talk was well planned and properly executed. The response from students was good. Students raised many questions during expert talk. The Resource Person was particularly motivated by the interest aroused in the students during the talk.

**Student Feedback:** Gained knowledge of modern-day technology and its benefits and opportunities. Session was interesting and informative. Students felt the resource person was Knowledgeable and they raised many questions.



POSTER



# MOODLAKATTE

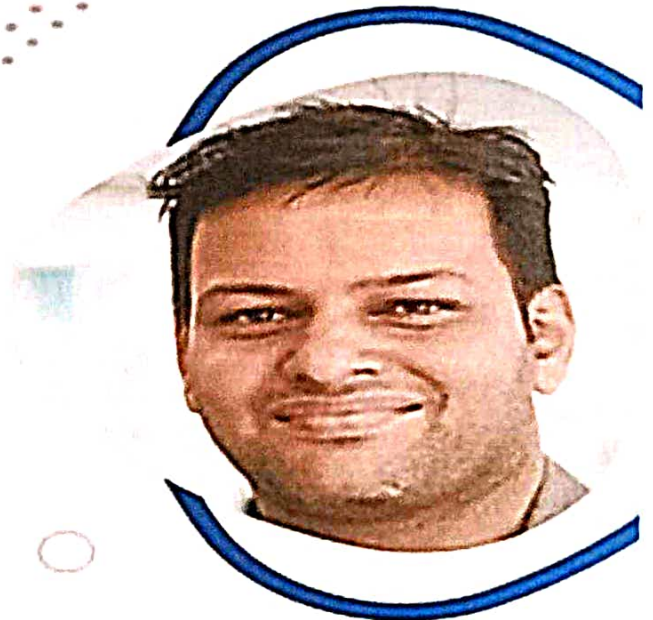
INSTITUTE OF TECHNOLOGY AND MANAGEMENT  
(Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi)

Department of Computer  
Science Engineering

**In Association with**

Department of Electronics and  
Communication Engineering  
Research oriented  
*Expert talk on:*

**Understanding Modern  
Day Applications**



**Subramanya Padubidri**  
*Technical Staff, Dell Technologies*

📷 f 🐦 in  
mltkundapura

*Date: 28.12.2022 at 2.00PM*  
*Venue : Auditorium*

🌐 - [mltkundapura.com](http://mltkundapura.com)  
✉ - [office@mltkundapura.com](mailto:office@mltkundapura.com)

## PHOTOS







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Moodlakkatte, Kundapura - 576217  
Udupi Dist, Karnataka



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Moodlakatte - 576 217, Kundapura Taluk, Udupi District, Karnataka

Date: 26.12.2022

## CIRCULAR

This is to inform all Faculties, and students of the Department of Computer Science & Engineering and Department of Electronics & Communication Engineering that a Research oriented Expert talk on Understanding Modern Day Applications on VLSI Design will be organised on 28<sup>th</sup> December 2022 in the Auditorium at 10AM. Mr Subramanya Padubidri Technical Staff, Dell Technologies would be the resource person.

All are requested to participate in this talk.

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To: circulate among staff and students

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**Moodlakatte – 576 217, Kundapura Taluk, Udupi District, Karnataka**


**Expert talk on 'Modern day Applications' on 28th December 2022**

**CSE Participant List**

Year	Name	USN
1	ACHARYA ANKUSH RATHNAKAR	4MK19CS001
2	AJAY KUMAR C	4MK19CS002
3	AKASH J	4MK19CS003
4	AKHILESH	4MK19CS004
5	AKSHAY KUMAR	4MK19CS005
6	AMULYA SHETTY	4MK19CS006
7	ARCHANA	4MK19CS007
8	ASHFAQ JAKATI	4MK19CS008
9	AVINASH RATHOD	4MK19CS009
10	CHETANA	4MK19CS010
11	CHIDANANDA RAMAKRISHNA HEGDE	4MK19CS011
12	DEEPA KRISHNA BHOVIVADDAR	4MK19CS012
13	DHRUVA SHETTY	4MK19CS013
14	GOWRAV	4MK19CS014
15	HARISH DEVAPPA PATAGAR	4MK19CS015
16	HEMANTH J M	4MK19CS016
17	HITHAISHREE G C	4MK19CS017
18	JAYANTHI MARUTI DEVADIG	4MK19CS018
19	JEET KUMAR SINGH	4MK19CS019
20	K M SADIK	4MK19CS020
21	KARIGOUDA M	4MK19CS021
22	KARTHIK KAMATH	4MK19CS022
23	KAVYA S BALLOLLI	4MK19CS023
24	KOUSHIK UDUPA K K	4MK19CS024
25	MAHAMMAD SHAKEER K	4MK19CS025
26	MAHAMMED SAHEED	4MK19CS026
27	MAMATHA	4MK19CS027
28	MANI KEVALA	4MK19CS028
29	MANISH P	4MK19CS029
30	MANOHARA S	4MK19CS030
31	MANOJ C S	4MK19CS031
32	MEGHANA SHET	4MK19CS032
33	MEHBOOB KHAN	4MK19CS033
34	MOHAMMED ISAQ	4MK19CS034
35	MOHAMMED ZIYAD	4MK19CS035
36	MUBARAK M	4MK19CS036
37	NEHA K V	4MK19CS037
38	NEHA MARUTHI BHOVI	4MK19CS038
39	NEHA S	4MK19CS039

40	PADMAVATHI	4MK19CS040
41	POOJARI SHRIKANT MAHADEV	4MK19CS041
42	PRIYANKA P S	4MK19CS042
43	RAKSHITHA	4MK19CS043
44	RAKSHITHA	4MK19CS044
45	SAHANA R NAIK	4MK19CS045
46	SALMAN SAIKALGAR	4MK19CS046
47	SAMARTH PRASHANT SAVANT	4MK19CS047
48	SANJAY B	4MK19CS048
49	SHREYA U KAMATH	4MK19CS049
50	SNEHA G	4MK19CS050
51	SNEHA G S	4MK19CS051
52	SUPRITHA	4MK19CS052
53	SURYAKALA M	4MK19CS053
54	TEJASWINI IRAPPA NAIK	4MK19CS054

  
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Moodlakatte – 576 217, Kundapura Taluk, Udupi District, Karnataka

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Date: 16.03.23

**Topic :** Demystifying Deep Learning: Unleashing the power of Neural Network for Research

**Organized On :** 15.03.23

**Resource Person :** Dr. Abilash K Pai,  
Assistant Professor, Department of Data Science and Applications  
Manipal Institute of Technology, Manipal

**Contact :** Phone: +91-9447779903

**Email :** abhilash.k.pai@gmail.com

**Website:** : <https://sites.google.com/site/abhila>

**Participants :** First year students from CSE, AI&ML, ECE  
Faculty of CSE, AI&ML, ECE  
No. of Faculty - 27  
No. of students – 200.

## PREAMBLE

Neural networks are powerful because they can be used to predict any given function with reasonable approximation. If we can represent a problem as a mathematical function and we have data that represents that function correctly, a deep learning model can, given enough resources, be able to approximate that function. Department has organized this seminar to make the students to understand basics of deep learning and its application to Research.

## BRIEF PROFILE OF THE CHIEF GUEST

Dr.Abhilash K Pai is working as Assistant Professor, in Dept. of Data Science & Computer Applications, Manipal Institute of Technology, Manipal Academy of Higher Education. Has published various journals and guided many projects. His area of interest is Computer Vision, Image Processing, Machine Learning, Deep Learning.

## **REPORT**

Dr. Abhilash K. Paj, Assistant Professor, Dept. of Data Science & Computer Applications, Manipal Institute of Technology, presented a technical talk on "Demystifying Deep Learning: Unleashing the Power of Neural Networks for Research.", organized by the Department of AIML in association with Department of CSE for the students on 15th March 2023. During the first session of the talk, he spoke about the waves of effort that we are seeing in networking community to develop Deep Neural Networks (DNNs). In the second session, the speaker presented the topic of the day provided insights about Deep Neural Networks and Convolutional Neural Networks (CNNs), The Constituent layers of CNN's and Taxonomy of popular CNN's. Department of AIML, ECE and CSE Faculty & students were present. Miss. Pushpa Punya of 3<sup>rd</sup> Sem ECE hosted the event.

### **ORGANIZING COMMITTEE**

#### **Chair:**

**Mr. Varun Kumar, HOD Dept of AIML**

#### **Staff co-coordinators**

Mrs. Sookshma Adiga

Assistant professor (Sr.), Dept of CSE

#### **Student Coordinators:**

Mr. Mohammed Azeem 3<sup>rd</sup> Sem CSE

Miss. Pushpa Punya 3<sup>rd</sup> Sem ECE

### **FEEDBACK**

#### **Resource Person Feedback:**

The Session was well planned and properly executed. The response from students was good.

#### **Student Feedback:**

Session was interesting and informative. Gained knowledge of machine learning and neural networks for Research.

#### **Faculty Feedback:**

Faculty were impressed with resource person. They found the resource person informative and with updated knowledge.



## POSTER



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Moodlakatte - 576 217, Kundapura Taluk, Udupi District, Karnataka

### **Department of CSE & AI & ML**

**Organizes  
Expert Talk on**

### **Demystifying Deep Learning: Unleashing the Power of Neural Network for Research**

By

Dr Abhilash K Pal

Assistant Professor,

Department of Data Science and Applications

MIT Manipal

**Date: 15 - 03 - 2023**

**Time: 10 AM**

**Venue : MITK Auditorium**

PHOTO



  
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Udupi Dist, Karnataka





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Moodlakatte - 576 217, Kundapura Taluk, Udupi District, Karnataka

Date: 10.3.2023

## CIRCULAR

This is to inform all Faculties, and students of the Department of CSE & AIML that a technical talk on Demystifying Deep Learning: Unleashing the power of Neural Network for Research will be organised on 15<sup>th</sup> March 2023 in the Auditorium at 10AM. Dr Abhilash Pai, Associate Professor, Department of Data Science and Applications, MIT Manipal would be the resource person.

All are requested to participate in this talk.

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To:  circulate among staff and students

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Moodlakatte – 576 217, Kundapura Taluk, Udupi District, Karnataka

**Demystifying Deep Learning: Unleashing the power of Neural Network for Research**

**Attendance List**

Year	Name	USN
1	ABHISHEK	4MK22AI001
2	ANJALI CHANDRASHEKHAR KALAS	4MK22AI002
3	APOORVA MOHAN POOJARI	4MK22AI003
4	ASHOKA	4MK22AI004
5	CHINMAYGOUDA HIREMATHPATIL	4MK22AI005
6	DARSHAN M POOJARY	4MK22AI006
7	HEMA	4MK22AI007
8	JANARDHANA KRISHNA DEVADIGA	4MK22AI008
9	K MOHAMMED ADNAN	4MK22AI009
10	KEERTHANA G P	4MK22AI010
11	KEERTHI V	4MK22AI011
12	KUMARI SHIVAJI KESAREKAR	4MK22AI012
13	MAHIN SABHA	4MK22AI013
14	MANOJ	4MK22AI014
15	MOHIT MOHAN KOCHARI	4MK22AI015
16	NIHAL AHAMMAD	4MK22AI016
17	PRAJWAL	4MK22AI017
18	PRAJWAL A	4MK22AI018
19	PRAMITH R	4MK22AI019
20	PUNITH KUMAR M	4MK22AI020
21	RAHUL RAVICHANDRAN	4MK22AI021
22	RANJAN	4MK22AI022
23	RASHMI	4MK22AI023
24	SANDEEP R MASTER	4MK22AI024
25	SATHVIK T N	4MK22AI025
26	SHASHANKA S P	4MK22AI026
27	SHASHIKALA	4MK22AI027
28	SUSHMITHA	4MK22AI028
29	VIGNESH	4MK22AI029
30	VIKAS NAIK K	4MK22AI030
31	VINODRAJ NAIK	4MK22AI031

  
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32	ADITHYA S	4MK22CS001
33	AJIT RAMACHANDRA PATAGAR	4MK22CS002
34	AKSHATA MANGALADAS GUNAGA	4MK22CS003
35	AL AFRAH	4MK22CS004
36	ANANYA SHETTY	4MK22CS005
37	ARUN P	4MK22CS006
38	BANUDEEP	4MK22CS007
39	BASAVANTRAYA	4MK22CS008
40	BRIJESH SUDHAKAR NAIK	4MK22CS009
41	CHAITRASHRI CHANDRAKANT NAIK	4MK22CS010
42	DARSHAN B G	4MK22CS011
43	DEEPTHI H S	4MK22CS012
44	DEVARAJ R KALLIMATH	4MK22CS013
45	GAGAN KUMAR S N	4MK22CS014
46	GANESH MADHUKAR BANDEKAR	4MK22CS015
47	GHANASHREE GAIKWAD N	4MK22CS016
48	HARSHITA GANESH ACHARI	4MK22CS017
49	INDU D	4MK22CS018
50	JAYASHREE M T	4MK22CS019
51	KARTIK RAMACHANDRA NAIK	4MK22CS020
52	KRUTHIKA R	4MK22CS021
53	MADHURI PRABHAKAR SHETTY	4MK22CS022
54	MANISH	4MK22CS023
55	MANJUSHA BHASKAR SHETTY	4MK22CS024
56	MANOJ GOWDA B S	4MK22CS025
57	MEGHANA SHIVANAND HARIKANT	4MK22CS026
58	MOHAMMED SAMEER R	4MK22CS027
59	NAGENDRAPPA GOWDA M T	4MK22CS028
60	NAMITA GOVIND NAIK	4MK22CS029
61	NANDAN UDAY SHETTY	4MK22CS030
62	NEHA	4MK22CS031
63	NIKHIL B MENDON	4MK22CS032
64	NISCHITHA B M	4MK22CS033
65	PRATHIKSHA	4MK22CS034
66	PRAVEENAKUMARA	4MK22CS035
67	RAJU DABBIN	4MK22CS036
68	RIYA KRISHNA GOVEKAR	4MK22CS037
69	SANDEEP K	4MK22CS038
70	SANGAM S M	4MK22CS039
71	SHANKAR H DARAGADAKATTI	4MK22CS040
72	SHARATH N R	4MK22CS041
73	SHASHANK S	4MK22CS042
74	SHASHANKA N	4MK22CS043
75	SHETTY SUMITHKUMAR SURENDRA	4MK22CS044
76	SHREYA	4MK22CS045
77	SHREYA GANESH NAIK	4MK22CS046
78	SHREYAS S SANIL	4MK22CS047
79	SHRIHARI	4MK22CS048
80	SHRISHAKTHIVELU C	4MK22CS049
81	SHWETA SHEELAVANTAR	4MK22CS050

82	SINCHANA RAMACHANDRA NAIK	4MK22CS051
83	SNEHA GOWD	4MK22CS052
84	SNEHA H S	4MK22CS053
85	SPOORTHY	4MK22CS054
86	SUJAN KUMAR	4MK22CS055
87	SUMANTH	4MK22CS056
88	SUPREETHA H M	4MK22CS057
89	VANI SRIYAN	4MK22CS058
90	VARUN K A	4MK22CS059
91	VIDYASHREE S	4MK22CS060
92	VIGHNESHWARA VISHWANATHA HEBBAR	4MK22CS061
93	VINOD KUMAR N	4MK22CS062
94	YATAKUNTA SHWETA REDDY	4MK22CS063
95	K Shubharaj Shetty	4MK22CS064
96	AFZAL BASHEER	4MK22CS065
97	ABHISHEK	4MK22CD001
98	ABHISHEK C H	4MK22CD002
99	AKASH	4MK22CD003
100	AKASH	4MK22CD004
101	AMRUTHA M	4MK22CD005
102	ANKITHA AITHAL	4MK22CD006
103	ANU M	4MK22CD007
104	ARYAN SHETTY	4MK22CD008
105	ASHRITA GIRISH HEGDE	4MK22CD009
106	AYSHA NUHA	4MK22CD010
107	B S SHREYA UPADHYA	4MK22CD011
108	BATHALA BALAJI	4MK22CD012
109	BHARATHI	4MK22CD013
110	BHARATHRAJ H P	4MK22CD014
111	DARSHAN CHETAN CHANDAVARKAR	4MK22CD015
112	GOURAV G SHETTY	4MK22CD016
113	GOWTHAM T K	4MK22CD017
114	HITHESH	4MK22CD018
115	KARTHIK RAMADAS MOGER	4MK22CD019
116	KEERTHANA G S	4MK22CD020
117	KRISHNANANDA	4MK22CD021
118	MANASA KARNA MOGER	4MK22CD022
119	MEGHANA	4MK22CD023
120	MEGHANA SURESH NAIK	4MK22CD024
121	MOHAMMAD SAMI ISMAIL KHAN	4MK22CD025
122	NAVYA M	4MK22CD026
123	NAVYA NARAYAN GOUDA	4MK22CD027
124	NISHA UMAKANT HARIKANT	4MK22CD028
125	POORNA	4MK22CD029
126	RAKSHA	4MK22CD030
127	RAKSHITA GIRISH SHETTY	4MK22CD031
128	RAKSHITHA BHAT	4MK22CD032
129	RAKSHITHA N	4MK22CD033
130	RAMYA A	4MK22CD034
131	RISHITHA R	4MK22CD035



132	SACHIN A	4MK22CD036
133	SAHANA R	4MK22CD037
134	SANNIDHI S SHETTY	4MK22CD038
135	SANTOSH KRISHNAPPA ANGADI	4MK22CD039
136	SATHWIK ACHAR	4MK22CD040
137	SHARATH ACHARYA	4MK22CD041
138	SHASHANK K K	4MK22CD042
139	SHASHWATHA P JADHAV	4MK22CD043
140	SHRADDHA P SHETTY	4MK22CD044
141	SHRAVYA	4MK22CD045
142	SHREESHA B Y	4MK22CD046
143	SHRIVIDYA	4MK22CD047
144	SHWETHA	4MK22CD048
145	SHWETHA	4MK22CD049
146	SINDHU SHIVANANDAPPA YATTINAHALLI	4MK22CD050
147	SIRI	4MK22CD051
148	SNEHA KAMALAKAR RAMA GAONKAR	4MK22CD052
149	SOWNDARYA	4MK22CD053
150	SUDARSHAN	4MK22CD054
151	SUJAN	4MK22CD055
152	TRUPTI GAJANAN NAIK	4MK22CD056
153	VAISHNAVI	4MK22CD057
154	VAISHNAVI	4MK22CD058
155	VAISHNAVI MENDON J	4MK22CD059
156	VARSHA M	4MK22CD060
157	VENISHA BRAGANZA	4MK22CD061
158	VINAY U	4MK22CD062
159	YASHASWINI NAIK	4MK22CD063


  
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160	ABHISHEK SURESH NAIK	4MK22EC001
161	AISHWARYA	4MK22EC002
162	ANJALI ANAND GUNAGA	4MK22EC004
163	APEKSHA MANJUNATHA NAIK	4MK22EC005
164	ASHWINI	4MK22EC006
165	CHETAN NAGANNANAVAR	4MK22EC007
166	DEEKSHA	4MK22EC008
167	GAYATRI SOMAYYA GOND	4MK22EC009
168	H MADHURA	4MK22EC010
169	H R NIRANJAN ACHARYA	4MK22EC011
170	KANAKA	4MK22EC012
171	KARTHIK S SHETTY	4MK22EC013
172	KIRANA M	4MK22EC014
173	LAVANYA K	4MK22EC015
174	MADHUKUMARA H S	4MK22EC016
175	MADHURA	4MK22EC017
176	MAHAMMAD SHAMMA	4MK22EC018
177	MALATHESHA S S	4MK22EC019
178	MANIKANTHA M D	4MK22EC020
179	MANJUNATHA P GOWDA	4MK22EC021
180	MANVITH DEVADIGA	4MK22EC022
181	MARUTI MADLUR	4MK22EC023
182	MITHUN GOVINDA POOJARI	4MK22EC024
183	MOHAMMED RIHAN	4MK22EC025
184	NAGANAGOUDA B SORATUR	4MK22EC026
185	NANDITHA	4MK22EC027
186	NIKHIL	4MK22EC028
187	PAVAN K B	4MK22EC029
188	PRERANA HIREMATH	4MK22EC030
189	RAKESH J NARENDRA	4MK22EC031
190	REVATHI C S	4MK22EC032
191	ROHAN BOMMAYYA PATGAR	4MK22EC033
192	SAMAY MANJUNATH DESAI	4MK22EC034
193	SHRI LAKSHMI MALLIKARJUNA KAMBALI	4MK22EC035
194	SOUJANYA	4MK22EC036
195	SRUSHTI N	4MK22EC037
196	T G SUNAG	4MK22EC038
197	THANMAYI N	4MK22EC039
198	VARUN R JADHAV	4MK22EC040
199	VASANTHKUMAR A	4MK22EC041
200	VIMALA MANJUNATH GOND	4MK22EC042

  
HOD

  
Principal  
Moodlakatte, Kundapura - 57621  
Udupi Dist, Karnataka





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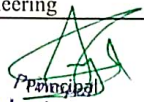
**Demystifying Deep Learning: Unleashing the power of Neural Network for Research**

**Participant List**

Sl.no	Name	Department
1	VARUNA KUMARA	Artificial Intelligence & Machine Learning
2	AKSHATHA SHETTY	Basic Science & Humanities
3	ASHA KUMARI	Basic Science & Humanities
4	BHUNESHWAR PASWAN	Basic Science & Humanities
5	CHAITHRA	Basic Science & Humanities
6	DEEPAK SHETTY M	Basic Science & Humanities
7	NIKHILA PAI	Basic Science & Humanities
8	NIDHISHREE	Civil Engineering
9	DR THILAGARAJ T	Computer Science & Engineering
10	FARANA MOHAMMED IMRAN	Computer Science & Engineering
11	MANOJ KUMAR K	Computer Science & Engineering
12	MURALIDHARA B K	Computer Science & Engineering
13	PRAMEELA	Computer Science & Engineering
14	PRASANNA KUMARA	Computer Science & Engineering
15	SHRINIDHI. N	Computer Science & Engineering
16	SMITHASHREE K	Computer Science & Engineering
17	SOOKSHMA ADIGA	Computer Science & Engineering
18	MAMATHA K S	Electronics & Communication Engineering
19	SUSHMA SHEDTHI A	Electronics & Communication Engineering
20	RAGHUNATHA M D	Electronics & Communication Engineering
21	BALANAGESHWARA S	Electronics & Communication Engineering
22	HARISHA	Master of Business Administration
23	KAVYA	Master of Business Administration

24	VENKATESH SHETTY	Master of Business Administration
25	BASAVARAJ KAMBALE	Mechanical Engineering
26	THIMMAPPA D S	Mechanical Engineering
27	VISHWANATH DINAKAR	Mechanical Engineering

  
HoD

  
Principal  
Moodlakatte Institute of Technology  
Moodlakatte, Kundapura - 576217  
Udupi Dist, Karnataka





## Moodlakatte Institute of Technology

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(Approved by AICTE, New Delhi & Affiliated to VTU, Belagavi)

Moodlakatte – 576 217, Kundapura Taluk, Udupi District, Karnataka

Date: 12.03.2023

**Topic :** Hands on Research oriented workshop on “VLSI system design”

**Organized On :** 11<sup>th</sup> March 2023

**Resource Person :** 1. Dilipa Mogaveera, Director, KarMic Design pvt.Ltd  
2. Rizwan Roshan, Program Manager Cyient Semiconductor BU

**Contact :**  
1. <https://www.linkedin.com/in/dilipa-mogaveera-85932719>  
2. [https://in.linkedin.com/in/rizwan-roshan-4768792a?trk=people-guest\\_people\\_search-card](https://in.linkedin.com/in/rizwan-roshan-4768792a?trk=people-guest_people_search-card)

**Participants :** Third Year and Final Year Students of E&C

No. of Student – 49.

Faculty- 2

### PREAMBLE

In today's world one cannot imagine without electronic devices and Gadgets. Every electronic Gadget is the outcome of revolution in VLSI technology. The department of ECE has undertaken the initiative of conducting workshop on VLSI System design.

One day hands on Research oriented workshop on “VLSI system design” held to students for give the knowledge about Semiconductor company opportunities, how chips are designed in companies and basics of Semiconductor technology.

## **BRIEF PROFILE OF THE CHIEF GUEST**

Rizwan Roshan is a Program Manager in Cyient Semiconductor BU. He is a seasoned professional with more than 13 years of experience in Semiconductors, VLSI, ASIC standard cell library development.

## **REPORT**

A one-day technical research-oriented workshop was organized on the subject of VLSI System Design by the Department of Electronics and Communication. Rizwan Roshan, Program Manager of Cient Semiconductor and Dilip Mogaveera, Director of Karmic Design Pvt Ltd, were the resource person and conducted a workshop for the students. After inaugurating the workshop, he explained the importance of semiconductor technology, how to make chips, opportunities in semiconductor companies. Principal of the college, Dr. Abdul Karim, Vice Principal Prof. Melvin de Souza, Head of the Department Professor Balanageshwar, Head of the Department of Artificial Intelligence Professor Varunakumar, staff, students were present. Professor Sushma Shetty welcomed, student Sinchana Devadiga delivered vote of thanks, Fatima narrated.

## **FEEDBACK**

**Resource Person:** The hand on workshop was well planned and properly executed. The response from students was good. Students raised many questions during the workshop. The Resource Person was particularly motivated by the interest aroused in the students during the workshop.

**Student Feedback:** Gained knowledge of VLSI Technology and its benefits and opportunities. Session was interesting and informative. Students felt the resource person was Knowledgeable and they raised many questions.

**Faculty Feedback:** The resource person was knowledgeable and informative. The faculty suggested conducting more such workshops in future.



## **ORGANIZING COMMITTEE**

### **Chair:**

**Mr. Balanageshwar, HOD Dept of ECE**

### **Staff co-coordinators**

Mrs. Sookshma Adiga

Assistant professor(Sr.), Dept of CSE

Mrs. Sushma Shetty

Assistant Professor, Dept of ECE

### **Student Coordinators:**

Mr. Fathima 3<sup>rd</sup> Sem ECE

Mr. Sinchana Devadiga 3<sup>rd</sup> Sem ECE

Poster



# MOODLAKATTE INSTITUTE OF TECHNOLOGY

(Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi)

## Hands-on Workshop on "VLSI SYSTEM DESIGN"

organized by

Department of Electronics & Communication Engineering

**Resource Person**



**Dilipa Mogaveera**  
Director,  
KarMic Design Pvt Ltd



**Rizwan Roshan**  
Program Manager,  
Cyient Semiconductor BU

Date : 11/03/2023

Date : 10:00 AM

Venue : Auditorium

Instagram Facebook Twitter LinkedIn  
mitkundapura

Ⓜ - mitkundapura.com

✉ - office@mitkundapura.com



+91 9036 021 033/+91 9380 773 435



Photos

ವಿಜಯ ಕರ್ನಾಟಕ - 20/03/2023


## ಮೂಡ್ಲಕಟ್ಟೆ: ತಾಂತ್ರಿಕ ಕಾರ್ಯಾಗಾರ



ಕುಂದಾಪುರ: ಮೂಡ್ಲಕಟ್ಟೆ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನ ಎಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ಆಂಡ್ ಕಮ್ಯುನಿಕೇಶನ್ ವಿಭಾಗದ ವತಿಯಿಂದ 'ವಿಎಲ್‌ಎನ್‌ಎ ಸಿಸ್ಟಂ ಎನ್ಯಾಸ್' ವಿಷಯದ ಬಗ್ಗೆ ತಾಂತ್ರಿಕ ಕಾರ್ಯಾಗಾರ ಜರುಗಿತು. ಸಂವನ್ಮೂಲ ವ್ಯಕ್ತಿ ಸಿಐಯೆಟ್ ಸೆಮಿ ಕಂಡಕ್ಟರ್ ಪ್ರೋಗ್ರಾಂ ಮ್ಯಾನೇಜರ್ ರಿಝ್ವಾನ್ ರೋಶನ್, ಕಾರ್ಮಿಕ್ ಡಿಸೈನ್ ಪ್ರೆ. ಲಿಮಿಟೆಡ್‌ನ ದಿಲೀಷ್ ಮೊಗವೀರ ಸೆಮಿಕಂಡಕ್ಟರ್ ತಂತ್ರಜ್ಞಾನದ ಪ್ರಾಮುಖ್ಯತೆ, ಚಿಪ್ ತಯಾರಿಸುವ ಬಗ್ಗೆ

ಸೆಮಿ ಕಂಡಕ್ಟರ್ ಕಂಪನಿಯಲ್ಲಿನ ಅವಕಾಶ ಕುರಿತು ವಿವರ ನೀಡಿದರು. ಪ್ರಿನ್ಸಿಪಾಲ್ ಡಾ.ಅಬ್ದುಲ್ ಕರೀಂ, ವೈಸ್ ಪ್ರಿನ್ಸಿಪಾಲ್ ಪ್ರೊ.ಮೆಲ್ವಿನ್ ಡಿಸೋಜ, ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥ ಪ್ರೊ. ಬಾಲನಾಗೇಶ್ವರ್, ಆರ್ಟ್ ಡಿಪಾರ್ಟ್ ಇಂಟೆಲಿಜೆನ್ಸ್ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥ ಪ್ರೊ. ವರುಣ್ ಕುಮಾರ್ ಉಪಸ್ಥಿತರಿದ್ದರು. ಪ್ರಾಧ್ಯಾಪಕಿ ಸುಷ್ಮಾ ಶೆಟ್ಟಿ ಸ್ವಾಗತಿಸಿದರು. ಫಾತಿಮಾ ಕಾರ್ಯಕ್ರಮ ನಿರ್ವಹಿಸಿದರು. ವಿದ್ಯಾರ್ಥಿನಿ ಸಿಂಚನ ದೇವಾಡಿಗ ವಂದಿಸಿದರು.

  
HOD

  
Principal  
Moodlakatte Institute of Technology  
Moodlakatte, Kundapur - 576217  
Udupi Dist, Karnataka



# Moodlakatte Institute of Technology

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(Approved by AICTE, New Delhi & Affiliated to VTU, Belagavi)

Moodlakatte - 576 217, Kundapura Taluk, Udupi District, Karnataka

Date: 8.3.2023

## CIRCULAR

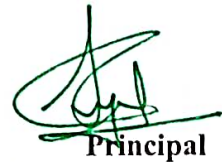
This is to inform all Faculties, and third year and final year students of the Department of Electronics & Communication Engineering that a Hands-on Research oriented Workshop on VLSI Design will be organised on 11<sup>th</sup> March 2023 in the Auditorium at 10AM. Eminent Persons from Industry would be the resource person.

All are requested to participate in this workshop.

  
HoD

To:  circulate among staff and students

Copy to: Department File

  
Principal

Professor & Head, Civil Department  
MOODLAKATTE INSTITUTE OF TECHNOLOGY  
Moodlakatte, Kundapura -576 217  
Udupi Dist., Karnataka





**Moodlakatte Institute of Technology**

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**(Approved by AICTE, New Delhi & Affiliated to VTU, Belagavi)**

**Moodlakatte – 576 217, Kundapura Taluk, Udupi District, Karnataka**

**Hands on workshop on “VLSI System Design” on 11.3.2023**

**Participant List**

Sl.no	Name	USN
1	ANUP SIDDAPPA	4MK20EC001
2	ASHRITHA R SHETTY	4MK20EC002
3	CHAITHRA R	4MK20EC003
4	CHANDANA R	4MK20EC004
5	DEELAKSHA V H	4MK20EC005
6	GNANIKA R	4MK20EC006
7	HAFIZ ABUMOHAMMED BYARI	4MK20EC007
8	IRFAN A SHAIKH	4MK20EC008
9	KOUSHIK B S	4MK20EC009
10	MEGHANA	4MK20EC010
11	POOJA V	4MK20EC011
12	PRIYA PATANAKAR	4MK20EC012
13	SANDEEPA D H	4MK20EC013
14	SINCHANA S	4MK20EC014
15	SOWNDARYA S	4MK20EC015
16	VAISHNAVI K	4MK20EC016
17	ABHISHEK BASAPPA PUJARI	4MK21EC001
18	ADAM ISMAIL SHAIKH	4MK21EC002
19	ADARSH K N	4MK21EC003
20	ASHWINI	4MK21EC004
21	BHUMIKA VENKATESH MOGER	4MK21EC005
22	CHETAN SHRINIVAS NAIK	4MK21EC006
23	CHIDROOP C S	4MK21EC007
24	DEEKSHITA SURESH NAIK	4MK21EC008
25	FATIMA TAHSIR	4MK21EC009
26	GOUTHAMI	4MK21EC011
27	JEEVAN M K	4MK21EC012
28	KAVYA SHIVARAM GOWDA	4MK21EC013
29	N K VAISHNAVI	4MK21EC014
30	NAGESH VISHNUMOORTHY HEBBAR	4MK21EC015
31	NIKHITHA	4MK21EC016
32	NISHA NARAYAN MOGER	4MK21EC017
33	PUSHPA PUNYA	4MK21EC018
34	RAJATH ACHAR	4MK21EC019
35	ROOPA RAJU NAIK	4MK21EC020
36	RUCHITHA KAMATH S	4MK21EC021
37	SHARANYA	4MK21EC022
38	SHASHANKA H D	4MK21EC023
39	SHREERAKSHA R	4MK21EC024
40	SINCHANA B DEVADIGA	4MK21EC026
41	SYED ADIL	4MK21EC027
42	THANUSHREE K G	4MK21EC028

43	TRAPTHI	4MK21EC029
44	VAISHALI SOMANNA GAWADI	4MK21EC030
45	VANDANA S	4MK21EC031
46	VIGNESH	4MK21EC032
47	VINITHA R NAIK	4MK21EC033
48	YASHASWINI JAGADEESH NAIK	4MK21EC034
49	YASHAWANTHA H S	4MK21EC035

*BP*  
HoD

*Principal*  
Principal

Moodlakatte Institute of Technology  
Moodlakatte, Kundapur - 576217  
Udupi Dist, Karnataka





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(Approved by AICTE, New Delhi & Affiliated to VTU, Belagavi)  
Moodlakatte – 576 217, Kundapura Taluk, Udupi District, Karnataka

Hands on Research oriented Workshop on VLSI System Design on 11 March 2023		
Participant List		
Sl.no	Name	Department
1	VARUNA KUMARA	Artificial Intelligence & Machine Learning
2	AKSHATHA SHETTY	Basic Science & Humanities
3	ASHA KUMARI	Basic Science & Humanities
4	BHUNESHWAR PASWAN	Basic Science & Humanities
5	CHAITHRA	Basic Science & Humanities
6	DEEPAK SHETTY M	Basic Science & Humanities
7	NIKHILA PAI	Basic Science & Humanities
8	NIDHISHREE	Civil Engineering
9	DR THILAGARAJ T	Computer Science & Engineering
10	FARANA MOHAMMED IMRAN	Computer Science & Engineering
11	MANOJ KUMAR K	Computer Science & Engineering
12	MURALIDHARA B K	Computer Science & Engineering
13	PRAMEELA	Computer Science & Engineering
14	PRASANNA KUMARA	Computer Science & Engineering
15	SHRINIDHI. N	Computer Science & Engineering
16	SMITHASHREE K	Computer Science & Engineering
17	SOOKSHMA ADIGA	Computer Science & Engineering
18	MAMATHA K S	Electronics & Communication Engineering
19	SUSHMA SHEDTHI A	Electronics & Communication Engineering
20	RAGHUNATHA M D	Electronics & Communication Engineering
21	BALANAGESHWARA S	Electronics & Communication Engineering

22	HARISHA	Master of Business Administration
23	KAVYA	Master of Business Administration
24	VENKATESH SHETTY	Master of Business Administration
25	BASAVARAJ KAMBALE	Mechanical Engineering
26	THIMMAPPA D S	Mechanical Engineering
27	VISHWANATH DINAKAR	Mechanical Engineering

  
HOD

  
Principal

**Moodlakatte Institute of Technology**  
Moodlakatte, Kuvempu, Pin - 576211  
Udupi Dist, Karnataka





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Moodlakatte - 576 217, Kundapura Taluk, Udupi District, Karnataka

## ONLINE COURSES

MITK is encouraging students to take various online course providing platforms, so that, students can gain knowledge and enhance their learning experience. These courses provide one more dimension in improving participative learning among students.

  
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Udupi District, Karnataka



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| Group Discussion Skills | Interview Skills | Business Etiquette | Effective Email Writing | Telephone  
Etiquette | Accounting Fundamentals | IT Foundational Skills | Overview of Artificial  
Intelligence\*(Source: NPTEL)

Start Date: 18 Jan 2023

End Date: 04 May 2023

*Mehul Mehta*

**Mehul Mehta**  
Global Delivery Head - TCS iON  
Tata Consultancy Services

*[Signature]*  
**Principal**

**Moodlakatte Institute of Technology**  
Moodlakatte, Kundapura - 576217  
Udupi Dist, Karnataka

**TCS iON**  
**Career Edge**



**CERTIFIED**

Cert ID: 119854-23899446-1016  
Date: 04 May 2023





19 Jan, 2023

**Bhumika Moger**

has successfully completed

**Google Data Analytics Capstone: Complete a Case Study**

an online non-credit course authorized by Google and offered through Coursera

**COURSE  
CERTIFICATE**



Amanda Brophy  
Global Director of Google Career Certificates

**Moodlakatte Institute of Technology**  
Moodlakatte, Kumbalangi - 576217  
Udupi Dist, Karnataka

Verify at:  
<https://coursera.org/verify/5X12A3DKSNK9>

Coursera has confirmed the identity of this individual and their participation in the course.



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Intern was found to be Good and Disciplined.

August 30th to September 30th 2021.



PSEFSWD2330

Mr. Asif  
CEO and Founder  
Prinston Smart Engineers

Ms. Chethana  
Guide  
Prinston Smart Engineers

Principal  
Moodlakatte Institute of Technology  
Moodlakatte, Kundapura - 576217  
Udupi Dist, Karnataka



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| Group Discussion Skills | Interview Skills | Business Etiquette | Effective Email Writing | Telephone  
Etiquette | Accounting Fundamentals | IT Foundational Skills | Overview of Artificial  
Intelligence\*(Source: NPTEL)

Start Date: 28 Jul 2023

End Date: 13 Aug 2023

*Mehul Mehta*

Mehul Mehta  
Global Delivery Head - TCS iON,  
Tata Consultancy Services

*Moodlakatte Institute of Technology*  
Moodlakatte, Kuvempu Taluk,  
Udupi District, Karnataka

TCS iON  
**Career Edge**



**CERTIFIED**  
Cert ID: 119854-24019301-1016  
Date: 13 Aug 2023



# Diploma of Completion

Proudly presented to:

**Sinchana Devadiga**

For successfully completing the:

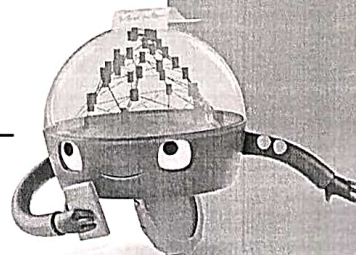
**UiPath Academy RPA Citizen Developer  
Foundation Training**

January 20, 2023

Date of issue

*Daniel Dines*

**Daniel Dines**  
Co-Chief Executive Officer



*Principal*  
**Moodlakatte Institute of Technology**  
Moodlakatte, Kundapura - 576217  
Udupi Dist, Karnataka



**Deloitte.**



Inspiring and empowering  
future professionals

# CHANDAN C N

## Technology Virtual Experience Program

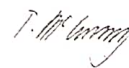
Certificate of Completion

November 5th, 2022

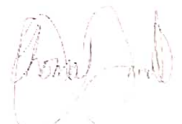
Over the period of November 2022, CHANDAN C N has completed practical tasks in:

Coding  
Data Analysis  
Development  
Cyber Security  
Forensic Technology

  
**Principal**  
**Moodlakatte Institute of Technology**  
Moodlakatte, Kundapura - 576217  
Udupi Dist, Karnataka



**Tina McCreery**  
Chief Human  
Resources Officer,  
Deloitte



**Tom Brunskill**  
CEO, Co-Founder of  
Forage



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**VAISHNAVI K**  
for successfully completing the course

## Applied Electromagnetics for Engineers

with a consolidated score of **55** %

Online Assignments	24.66/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **27**

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

**Jul-Oct 2022**

**(12 week course)**

**Prof. Satyaki Roy**  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur

Moodlaks Institute of Technology

Moodlaks Institute of Technology  
Moodlaks Institute of Technology  
To validate the certificate



Roll No: NPTEL22EE68S63980053

No. of credits recommended: 3 or 4

Roll No: NPTEL22CS31S13840034

To  
NAGAVENI GOPAL NAIK  
MELINA ONIKERI, SIRS  
MELINA ONIKERITQ-SIRS  
SIRS  
KARNATAKA - 581402  
PH. NO :9480672805



No. of credits recommended by NPTEL:3

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

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



**Elite**  
**NPTEL Online Certification**  
(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**NAGAVENI GOPAL NAIK**  
for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **82** %



*[Signature]*

Online Assignments	24.88/25	Programming Exam	25/25	Proctored Exam	32/50
--------------------	----------	------------------	-------	----------------	-------

Total number of candidates certified in this course: 7438

*Principal*  
**Kannur Institute of Technology**  
Moolakatte, Kandanur, Kannur  
Udupi Dist, Karnataka