



C1.2.1 Number of Certificates/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc.(where the students of institution have enrolled and successfully completed during the last five years)

AY-2022-23

SL.No	CONTENTS
1	Siemens add on Course
2	Auto Desk Fusion 360
3	Intellectual Property
4	Discrete Mathematics
5	Programming in Modern C++
6	Basic Calculus-1
7	Ethics in Engineering Practice
8	Enhancing Soft Skill and personality
9	Data Base Management System
10	Military Radar
11	Overview of CMS
12	Environment Biotechnology
13	Genome Editing and Engineering
14	Forest and their Management
15	Conservation Economics
16	Ethics in Engineering Practice
17	Structural Biology
18	Bioengineering: An Interface with Biology and Medicine
19	Nanotechnology in agriculture



SL.NO	USN	NAME	COURSE NAME
1.	1MV20ME008	BHARATHA H S	AUTO DESK FUSION 360
2.	1MV20ME024	MALLIKARJAN SAJJAN	AUTO DESK FUSION 360
3.	1MV20ME025	MAYUR PRAKASH	AUTO DESK FUSION 360
4.	1MV20ME044	VENKATESH	AUTO DESK FUSION 360
5.	1MV21ME440	SUMEET HUGAR	AUTO DESK FUSION 360
6.	1MV20ME006	ANUP NIRMAL ABRAHAM	AUTO DESK FUSION 360
7.	1MV20ME400	BALARAJU K	STUDENT TRAINING PROGRAM ON NX-CAD/CAM/CAE
8.	1MV20ME401	BHARATH T S	STUDENT TRAINING PROGRAM ON NX-CAD/CAM/CAE
9.	1MV20ME402	CHANDRU KUMAR H V	STUDENT TRAINING PROGRAM ON NX-CAD/CAM/CAE
10.	1MV20ME403	DRAKSHAYINI	STUDENT TRAINING PROGRAM ON NX-CAD/CAM/CAE
11.	1MV20ME404	EKANTH P MOHITHE	STUDENT TRAINING PROGRAM ON NX-CAD/CAM/CAE
12.	1MV20ME405	KANTEPPA	STUDENT TRAINING PROGRAM ON NX-CAD/CAM/CAE
13.	1MV20ME406	KEERTHI D	STUDENT TRAINING PROGRAM ON NX-CAD/CAM/CAE
14.	1MV20ME407	MAHESH AINAPURE	STUDENT TRAINING PROGRAM ON NX-CAD/CAM/CAE
15.	1MV20ME408	PREMSAGAR G	STUDENT TRAINING PROGRAM ON NX-CAD/CAM/CAE
16.	1MV20ME409	PUNEETH N	STUDENT TRAINING PROGRAM ON NX-CAD/CAM/CAE
17.	1MV20ME410	RAJATH H V	STUDENT TRAINING PROGRAM ON NX-CAD/CAM/CAE
18.	1MV20ME411	VAMSHI V	STUDENT TRAINING PROGRAM ON NX-CAD/CAM/CAE
19.	1MV19EC059	KODATALA YASHWANTH REDDY	DATA BASE MANAGEMENT SYSTEM
20.	1MV19EC125	VIVEK N RAJ	MILITARY RADAR



21.	1MV19EC117	SYED ADNAN	OVERVIEW OF CMS
22.	1MV19EC059	KODATALA YASHWANTH REDDY	INTELLECTUAL PROPERTY
23.	1MV19EC059	KODATALA YASHWANTH REDDY	DISCRETE MATHEMATICS
24.	1MV19EC059	KODATALA YASHWANTH REDDY	PROGRAMMING IN MODERN C++
25.	1MV19EC125	VIVEK N RAJ	BASIC CALCULUS-1
26.	1MV19EC125	VIVEK N RAJ	ETHICS IN ENGINEERING PRACTICE
27.	1MV19EC117	SYED ADNAN	ETHICS IN ENGINEERING PRACTICE
28.	1MV19EC125	VIVEK N RAJ	ENHANCING SOFT SKILL AND PERSONALITY
29.	1MV19EC117	SYED ADNAN	ENHANCING SOFT SKILL AND PERSONALITY
30.	1MV19BT004	APARNA BS	STRUCTURAL BIOLOGY
31.	1MV19BT004	APARNA BS	NANOTECHNOLOGY IN AGRICULTURE
32.	1MV19BT013	MAHALAKSHMI N	ENVIRONMENT BIOTECHNOLOGY
33.	1MV19BT004	APARNA BS	ENVIRONMENT BIOTECHNOLOGY
34.	1MV19BT013	MAHALAKSHMI N	GENOME EDITING AND ENGINEERING
35.	1MV19BT004	APARNA BS	GENOME EDITING AND ENGINEERING
36.	1MV19BT013	MAHALAKSHMI N	CONSERVATION ECONOMICS
37.	1MV19BT004	APARNA BS	CONSERVATION ECONOMICS
38.	1MV19BT004	APARNA BS	AN INTERFACE WITH BIOLOGY AND MEDICINE
39.	1MV19BT013	MAHALAKSHMI N	FOREST AND THEIR MANAGEMENT
40.	1MV19BT004	APARNA BS	FOREST AND THEIR MANAGEMENT
41.	1MV19BT013	MAHALAKSHMI N	ETHICS IN ENGINEERING PRACTICE
42.	1MV19BT004	APARNA BS	ETHICS IN ENGINEERING PRACTICE



Sir M. Visvesvaraya Institute of Technology – Bengaluru

Department of Mechanical Engineering

Date: 13.03.2023

**Training Program
For
Faculty and Students
on
“NX – CAD/CAM/CAE”**

Date: 14 – 18, March – 2023

Time: 10 am – 04 pm

**Venue:
Siemens Advanced Analysis Laboratory (M205)**

Program Coordinator:

Dr. Prashant S Humnabad
PI – AICTE MODROB Project
Assistant Professor
Department of Mechanical Engineering
Sir MVIT, Bengaluru - 562157


IQAC COORDINATOR
SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY
BENGALURU - 562 157

Event Report

Title of the Event	Training program for faculty and students on NX – CAD/CAM/CAE	
Event Organizer(s)	Dr. Prashant S Humnabad, Asst. Professor, Dept. of Mechanical Engineering	
Event Venue	Siemens Advance Analysis Lab (M205), Department of Mechanical Engineering.	
Event Start Date	14.03.2023	
Event End Date	18.03.2023	

Event Objectives

Hands on Training on NX – CAD/CAM/CAE Tools

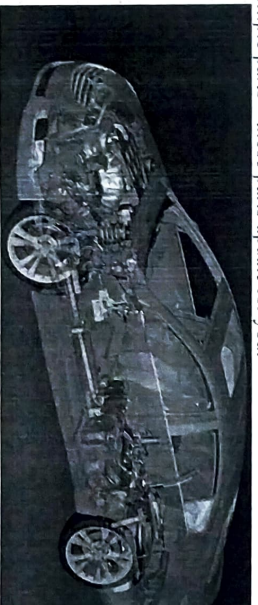
NX CAD empowers designers to achieve faster results using more virtual product models and fewer, costly, physical prototypes. This powerful and flexible product development solution delivers products “right to the market, first time.”

1. Assemblies

Multiple automotive suppliers and industrial design firms have reported a reduction in design time by 50%, and some up to 65%. NX has led to a reduction in the number of design recycles, as well as better analysis.

Assembly design is one key factor in reducing design time. With so many different parts working together, NX gives you the flexibility to work top-down or bottom-up, and access any part of the hierarchy.

And, with a “design in context” approach, you can quickly test ideas and new designs without changing multiple parts—those parts update for you.

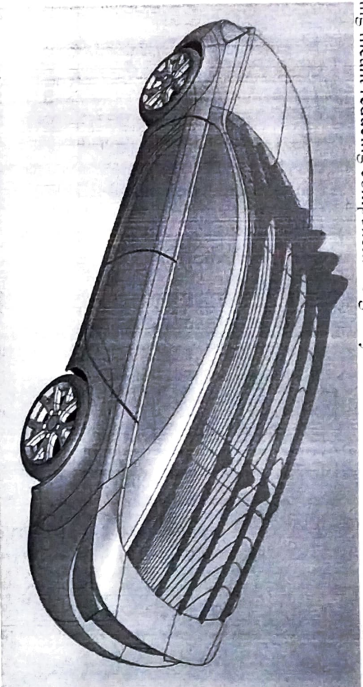


2. Modeling

Powerful, innovative modeling tools are a must for creating the multiple surfaces of a car body.

NX supports modeling of both complex surfaces and solid models, and has more advanced freeform modeling capabilities.

For one company, specializing in advanced composites-based vehicles, modeling in NX means faster analysis and faster design iterations and alternatives. That improvement in modeling meant reducing component weight by more than 40%.



3. Shape Design

Think about the different shapes, curves and cuts necessary in making a car today. How are side mirrors formed? Spoilers? Or the unique look of some hoods and doors?

NX Realize Shape software is dynamic and intuitive; you can create new shapes based on simple designs just by extruding, sweeping, lofting and revolving its features. You also have freeform shape design, similar to the freeform modeling capabilities. You can use simple tools to create quick concepts for initial design intent, then edit from there. This includes creating curves on surfaces and direct surface modeling.

4. Rendering

Render designs and design changes before manufacturing them. You can use specific real-world materials that features will be made from.

With unique rendering capabilities, you can skip costly prototyping steps, shortening design cycles. Using NX for design and Teamcenter for data management, one major automobile manufacture improved their development cycle from 20 months to 10.5 months, and found that there were 80% fewer issues after vehicles were released.

High-quality rendering tools allow you to communicate your designs clearly and create images that can be used throughout design and manufacturing processes. This ensures that all team members are efficient and accurate in their communication.



5. Sheet Metal Design

Create sheet metal component models using specific, feature-based tools for tabs, flanges and other necessary features. Sheet metal tools can be used to generate accurate flat pattern data for downstream applications from solids, sheets and wireframe geometry.

NX offers high-performance modeling, drafting and assembly design- powered by Synchronous Technology -that can't be beat. The product design tools, as well as potential data management capabilities, make this a complete solution, from design to production.

Name of the Event Coordinator(s): Dr. Prashant S Humnabad

Designation: Assistant Professor

Signature:

Name of the Event Chair/HoD: Dr. K S Shanmukharadhya

Designation: - HOD - MED

Signature:

PROFESSOR & HEAD

Department of Mechanical Engineering

Sir M. Visvesvaraya Institute of Technology


Bengaluru-562 157

Related photographs



NX-CAD hands on session




IQAC COORDINATOR
SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY
BENGALURU - 562 157



Sri Krishnadevaraya Educational Trust
Sir M. Visvesvaraya Institute of Technology, Bengaluru-562 157
Department of Mechanical Engineering

2022_23

Sl.No	USN	STUDENT NAME	Enrolled for SDP/Course/ etc	Date
1	IMV20ME008	Bharatha H S	Auto Desk Fusion 360	01.06.2023-10.07.2023
2	IMV20ME024	Mallikarjan Sajjan	Auto Desk Fusion 360	01.06.2023-10.07.2023
3	IMV20ME025	Mayur Prakash	Auto Desk Fusion 360	01.06.2023-10.07.2023
4	IMV20ME044	Venkatesh	Auto Desk Fusion 360	01.06.2023-10.07.2023
5	IMV21ME440	Sumeet Hugar	Auto Desk Fusion 360	01.06.2023-10.07.2023
6	IMV20ME006	Anup Nirmal Abraham	Auto Desk Fusion 360	01.06.2023-10.07.2023


PROFESSOR & HEAD
Department of Mechanical Engineering
Sir M. Visvesvaraya Institute of Technology
Bengaluru-562 157


IQAC COORDINATOR
SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY
BENGALURU - 562 157



CERTIFICATE OF COMPLETION

CONGRATULATIONS

You have successfully completed an Autodesk® Authorized Training Center® course specifically designed to verify your training requirements. Autodesk Training Center instructors believe quality training experiences with courses related to Autodesk products will bring relevant results and comprehensive education. Autodesk's intent is to help create imagine, design, and create a better world.

Certificate No.

APPROPRIATE AUTHORIZATION

DATE

COURSE, PROFESSIONAL, OR PARTIAL COURSE TITLE

COURSE CODE

EXPIRATION DATE

DATE

DATE

COURSES, PROFESSIONAL, OR PARTIAL COURSE TITLES

CCAD CENTER

AUTODESK
Authorized Training Center



CERTIFICATE OF COMPLETION

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Certificate No. APO918097427565239832

SURESH PRASAD

3D CAD/CAM DESIGN

INSTRUCTOR

FUSION 360 NEW PRODUCT

01-JUNE-2023

41-180 HOURS

CAD CENTER, INDIAN EDUCATIONAL ENTERPRISES (P) LTD.

CAD CENTER

AUTODESK
Authorized Training Center



CERTIFICATE OF COMPLETION

CONGRATULATIONS!

You have successfully completed an Autodesk® Authorized Training Center® course specifically designed to satisfy your training requirements. Autodesk Training Center instructors deliver quality learning experiences with courses related to Autodesk products utilizing relevant content and comprehensive courseware. Autodesk's vision is to help people imagine, design, and create a better world.

Certificate No. APO918097427565239831

RAJESHKUMAR SAJJAN

NAME

3D CAD/CAM DESIGN

COURSE TITLE

FUSION 360 NEW

PRODUCT

SURESH K

INSTRUCTOR

01-JUNE-2023

COURSE DATE

41-180 HOURS


COURSE DURATION

CAD CENTER, INDIAN EDUCATIONAL ENTERPRISES (P) LTD.

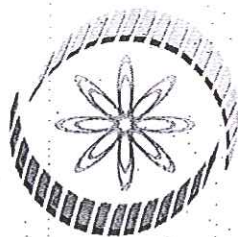
AUTODESK AUTHORIZED TRAINING CENTER

CAD CENTER

AUTODESK
Authorized Training Center

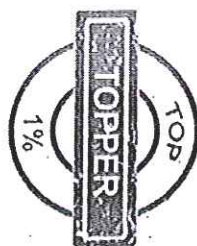

IQAC COORDINATOR
SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY
BENGALURU - 562 157


PROFESSOR & HEAD
Department of Mechanical Engineering
Sir M. Visvesvaraya Institute of Technology
Bengaluru-562 157



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
KODATAALA YASWANTH REDDY
for successfully completing the course

Intellectual Property

with a consolidated score of **82** %

Online Assignments	22.75/25	Proctored Exam	58.75/75
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Total number of candidates certified in this course: 1717

Devendra Jalihal

Prof. Devendra Jalihal

Chairperson,

Centre for Outreach and Digital Education, IITM

Jan-Apr 2023

(12 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras

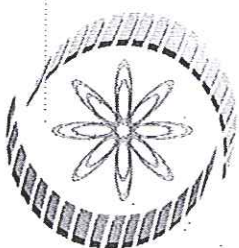


Roll No: NPTEL23HSS553232395

To validate the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

KODATA LA YASWANTH REDDY

for successfully completing the course

Discrete Mathematics

with a consolidated score of: **69** %

Online Assignments	22.88/25	Proctored Exam	46.5/75
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Total number of candidates certified in this course: **352**

Devendra Jalihal

Prof. Devendra Jalihal

Chairperson,

Centre for Outreach and Digital Education, IITM

Jan-Apr 2023

(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS22S43233056

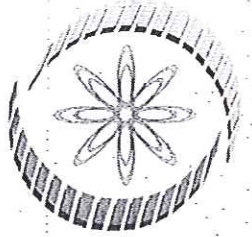
To validate the certificate



No. of credits recommended: 3 or 4

Scanned with CamScanner

22-23



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

KODATAALA YASWANTH REDDY

for successfully completing the course

Programming in Modern C++

with a consolidated score of **60** %

Online Assignments	24.75/25	Proctored Exam	34.22/75
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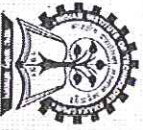
Total number of candidates certified in this course: **894**

Jan-Apr 2023

(12 week course)

Debjani Chakraborty

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



Indian Institute of Technology Kharagpur



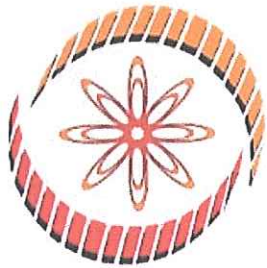
Roll No: NPTEL23CS50S33232005

To validate the certificate



No. of credits recommended: 3 or 4

Scanned with CamScanner



Elite

NPTEL Online Certification

(Funded by the MOE, Govt. of India)



This certificate is awarded to

VIVEK N RAJ

for successfully completing the course



Basic Calculus - 1

with a consolidated score of **75** %

Online Assignments	22.88/25	Proctored Exam	52.5/75
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Total number of candidates certified in this course: **40**

Devendra Jalihal

Prof. Devendra Jalihal

Chairperson,

Centre for Outreach and Digital Education, IITM

Jan-Apr 2023

(12 week course)

Andrew Thangaraj

Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras

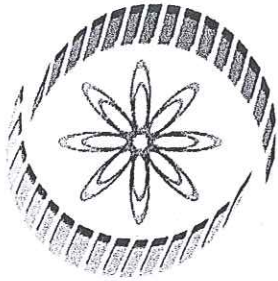


Roll No: NPTEL23MA13S53230805

To validate the certificate

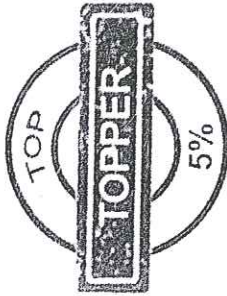
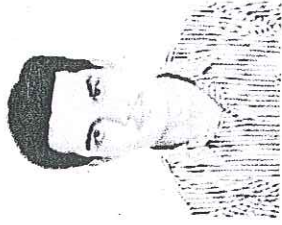


No. of credits recommended: 3 or 4



NPTEL Online Certification

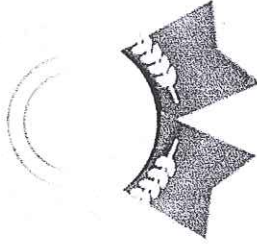
(Funded by the MoE, Govt. of India)



This certificate is awarded to

SYED ADNAN

for successfully completing the course

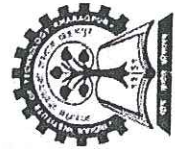


Ethics in Engineering Practice

with a consolidated score of **82** %

Online Assignments	22.08/25	Proctored Exam	60/75
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Total number of candidates certified in this course: **3388**



Indian Institute of Technology Kharagpur

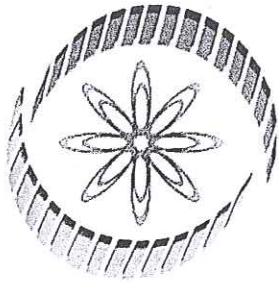
Feb-Apr 2023

(8 week course)

DeGauri

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

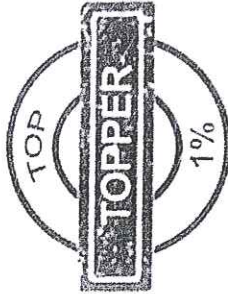




True

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SYED ADNAN

for successfully completing the course

Enhancing Soft Skills and Personality

with a consolidated score of 92 %

Online Assignments	24.42/25	Proctored Exam	67.33/75
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Total number of candidates certified in this course: 12752

Ratish

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



Indian Institute of Technology Kanpur

Satyaki

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Roll No: NPTEL23HS30S43233042

To validate the certificate



No. of credits recommended: 2 or 3



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

VIVEK N RAJ

for successfully completing the course

Ethics in Engineering Practice

with a consolidated score of **60** %

Online Assignments	20.83/25	Proctored Exam	39/75
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Total number of candidates certified in this course: **3388**

Feb-Apr 2023
(8 week course)

Debjani

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23MG41S13230544

To validate the certificate



No. of credits recommended: 2 or 3



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

VIVEK N RAJ

for successfully completing the course

Enhancing Soft Skills and Personality

with a consolidated score of **90** %

Online Assignments	23.29/25	Proctored Exam	67/75
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Total number of candidates certified in this course: **12752**

Ratish

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



Indian Institute of Technology Kanpur

Satyaki

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

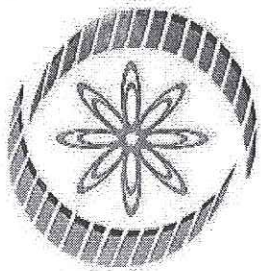


Roll No: NPTEL23HS30S23230473

To validate the certificate



No. of credits recommended: 2 or 3



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

KODATA LA YASWANTH REDDY

for successfully completing the course

Data Base Management System

with a consolidated score of **67** %

Online Assignments	16.46/25	Proctored Exam	51/75
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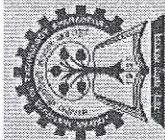
Total number of candidates certified in this course: **3478**

Aug-Oct 2022

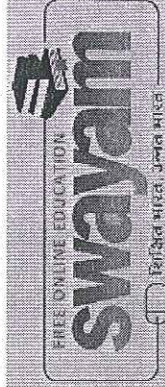
(8 week course)

Debjani

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS91S34754609

To validate the certificate

No. of credits recommended: 2 or 3

22-23



CENTRE FOR LEARNING AND DEVELOPMENT

BHARAT ELECTRONICS LIMITED
(A Govt. of India Enterprise, Ministry of Defence)
Jalahalli Post, Bengaluru - 560 013, India

Certificate

This is to certify that

Sri./Smt./Kum . VIVEK. N. RAJ.

Ref No. 1410/CLD/HR/2022-23/27/251.

student of .SIR.M.VISVESVARAYA INSTITUTE OF.

..... TECHNOLOGY, BENGALURU.

carried out Project Work/Internship on OVERVIEW OF.

..... MILITARY. RADAR.

in .MILITARY. RADAR.

SBU/CSG of BEL, Bengaluru from .29-.08-2022.

to .28-.09-2022.


*He/She was regular and punctual in his/her attendance
and his/her conduct was satisfactory during the period.*

Project / Internship Guide

Date : 03-10-2022

Place : Bengaluru

Head (HR/CLD)


SUJATHA FRANCIS
BCE 206759
प्रबंध (म. स. / सी एन डी)
MANAGER (HR/CLD)

CENTRE FOR LEARNING AND DEVELOPMENT

BHARAT ELECTRONICS LIMITED
(A Govt. of India Enterprise, Ministry of Defence)
Jalahalli Post, Bengaluru - 560 013, India

Certificate

This is to certify that

Sri./Smt./Kum . SYED. ADNAN

Ref No. 1410/CLD/HR/2022-23/27/252

student of . SIR . M . VISVESVARAYA . INSTITUTE . OF . .

. TECHNOLOGY . BENGALURU

carried out Project Work/Internship on OVERVIEW . OF .

. C.M.S

in . . C.M.S

SBU/CSG of BEL, Bengaluru from . 29 . 08 . 2022

to . 28 . 09 . 2022


*He/She was regular and punctual in his/her attendance
and his/her conduct was satisfactory during the period.*

Project / Internship Guide

Date : 03-10-2022

Place : Bengaluru

Head (HR/CLD)


सुजाता फ्रांसिस
SUJATHA FRANCIS
BCE 206759
प्रबंधक (मौ. सं. / सी.एल.डी.)
MANAGER (HR/CLD)



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



This certificate is awarded to
MAHALAKSHMI N
for successfully completing the course

Environmental Biotechnology

with a consolidated score of **63** %

Online Assignments	22.81/25	Proctored Exam	39.75/75
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Total number of candidates certified in this course: **578**

Jul-Oct 2022
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22BT57S64750627

To validate the certificate



No. of credits recommended: 3 or 4



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



This certificate is awarded to
MAHALAKSHMI N
for successfully completing the course


Genome Editing and Engineering

with a consolidated score of **63** %

Online Assignments	25/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: **217**

Jul-Oct 2022
(12 week course)


Prof. T. V. Bharat
Head, Centre for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL22BT35S34750021

To validate the certificate



No. of credits recommended: 3 or 4



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



This certificate is awarded to
MAHALAKSHMI N
for successfully completing the course



Forests and their Management

with a consolidated score of **99** %

Online Assignments	25/25	Proctored Exam	73.5/75
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Total number of candidates certified in this course: **4916**

Pathish

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

Jan-Apr 2023
(12 week course)

Satyaki

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL23BT29S63233419

To validate the certificate



No. of credits recommended: 3 or 4



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



This certificate is awarded to
MAHALAKSHMI N
for successfully completing the course



Conservation Economics

with a consolidated score of **94** %

Online Assignments	25/25	Proctored Exam	69/75
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Total number of candidates certified in this course: **306**

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

Jan-Apr 2023
(12 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL23BT28S53233879

To validate the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
MAHALAKSHMI N
for successfully completing the course

Ethics in Engineering Practice

with a consolidated score of **87** %

Online Assignments	22.5/25	Proctored Exam	64.5/75
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Total number of candidates certified in this course: **3388**

Feb-Apr 2023
(8 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23MG41S33234231

To validate the certificate



No. of credits recommended: 2 or 3

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

Roll No: NPTEL22BT25S43192484

To
APARNA BS
MG ROAD CHANNAPATNA
RAMANAGARA DISTRICT
BANGLORE
KARNATAKA - 562160
PH. NO :9113838161



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.



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



This certificate is awarded to

APARNA BS

for successfully completing the course

Nanotechnology In Agriculture

with a consolidated score of **68** %

Online Assignments	23.33/25	Proctored Exam	45/75
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Total number of candidates certified in this course: **544**


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

Feb-Apr 2022
(8 week course)


Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL22BT25S43192484

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

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

Roll No: NPTEL22BT28S23193372

To
APARNA BS
MG ROAD CHANNAPATNA
RAMANAGARA DISTRICT
BANGLORE
KARNATAKA - 562160
PH. NO :9113838161



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:3

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

APARNA BS

for successfully completing the course

Structural Biology

with a consolidated score of **67** %

Online Assignments	23.13/25	Proctored Exam	44.25/75
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Total number of candidates certified in this course: **157**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2022
(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22BT28S23193372

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



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

APARNA BS

for successfully completing the course

Environmental Biotechnology

with a consolidated score of **61** %

Online Assignments	19.69/25	Proctored Exam	41.63/75
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Total number of candidates certified in this course: **578**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22BT57S64753168

To validate the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

APARNA BS

for successfully completing the course



Conservation Economics

with a consolidated score of **97** %

Online Assignments	23.44/25	Proctored Exam	73.5/75
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Total number of candidates certified in this course: **306**

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

Jan-Apr 2023

(12 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL23BT28S54130034

To validate the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

APARNA BS

for successfully completing the course



Forests and their Management

with a consolidated score of **92** %

Online Assignments	22.5/25	Proctored Exam	69/75
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Total number of candidates certified in this course: **4916**

Pathish

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

Jan-Apr 2023

(12 week course)

Satyaki

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL23BT29S64130040

To validate the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

APARNA BS

for successfully completing the course

Bioengineering: An Interface with Biology and Medicine

with a consolidated score of **65** %

Online Assignments	14.38/25	Proctored Exam	50.25/75
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Total number of candidates certified in this course: **213**

Sridhar

Prof. Sridhar Iyer
Head CDEEP & NPTEL Coordinator
IIT Bombay

Jan-Mar 2023

(8 week course)



Indian Institute of Technology Bombay



Roll No: NPTEL23BT19S44224130

To validate the certificate



No. of credits recommended: 2 or 3



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

APARNA BS

for successfully completing the course

Genome Editing and Engineering

with a consolidated score of **54** %

Online Assignments	19.63/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: **217**

Jul-Oct 2022

(12 week course)

Prof. T. V. Bharat
Head, Centre for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL22BT35S44750773

To validate the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

APARNA BS

for successfully completing the course

Ethics in Engineering Practice

with a consolidated score of **55** %

Online Assignments	19.17/25	Proctored Exam	36/75
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Total number of candidates certified in this course: **3388**

Feb-Apr 2023

(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23MG41S23231957

To validate the certificate



No. of credits recommended: 2 or 3