

7.2 BEST PRACTICE –I

REACHING OUT TO THE COMMUNITY

TITLE OF THE PRACTICE

AWARENESS PROGRAMME TO THE FARMERS ON SUSTAINABLE AGRICULTURE

OBJECTIVES

- Identification of suitable land or space for organic farming activities, considering factors such as soil quality, sunlight exposure, and water availability.
- Procurement of organic seeds, fertilizers, and other necessary materials for cultivation.
- Training sessions conducted for NSS volunteers to familiarize them with organic farming techniques, including soil preparation, composting and natural pest management, and crop rotation.

THE CONTEXT:

Agriculture is both a beneficiary and provider of biodiversity and related ecosystem services. Diverse, healthy agricultural landscapes provide habitat to flora and fauna, purify air and water, and provide climate change mitigation and carbon sequestration. In turn, agriculture benefits from soil erosion control, important services from wildlife such as pollination and pest management, and a source of genetic diversity for plants and livestock, as well as food, fuel, fibre, water, and medicinal resources.

THE PRACTICE:

- Organic farming provides students with practical, hands-on experience in agriculture, sustainability, and environmental stewardship.
- Students can engage in cross-disciplinary learning by integrating concepts from fields such as biology, environmental science, nutrition, and business management.
- It promotes awareness of environmental issues and the importance of sustainable agricultural practices in mitigating climate change, protecting biodiversity, and conserving natural resources.

EVIDENCE OF SUCCESS:

On the 28th of February 2024, Department of Plant Biology and Plant Biotechnology in association with NSS Volunteers of TNC, organized awareness programme to the farmers on Sustainable agriculture at **Thirunillai Village, Choolavaram Panchayat Union, Tiruvallur District**. Many students and people from were participated.



PROBLEMS ENCOUNTERED:

By implementing sustainable agriculture as a best practice at Thiruthangal Nadar college in collaboration with the NSS Program, we aim to create a model for rational campus agriculture that fosters environmental Governance, enhances student learning experiences, and strengthens community partnerships. This initiative aligns with TNC College's commitment to sustainability and innovation, positioning the institution as a leader in higher education for a greener future. On the 28th of February 2024, NSS Volunteers of TNC, Department of Plant Biology and Plant Biotechnology organized an insightful event focused on organic farming. The event aimed to educate students and the local community about the benefits and techniques of organic farming, emphasizing sustainable agricultural practices. One of the main objectives of this program was to make the volunteers understand that responsible use of energy and natural resources maintain biodiversity and protect animal welfare and conserve the regional biological balance.



Name of the Activity: Flood recovery and Rehabilitation in Madhavaram constituency

Agency: Tamil Nadu State NSS

Year of the Activity: 2023

No. of students participated:9

Flood recovery and rehabilitation efforts are crucial in areas like Madhavaram Constituency, which experienced heavy rainfall and flooding after the Puzhal river dam was opened. TNC NSS students played a vital role in distributing essential items to the flood-affected community on December 8, 2023, alongside esteemed dignitaries like Hon'ble Higher Education Minister K. Ponmudi and S.Sudarsanam, MLA, Madhavaram Constituency.





Name of the Activity: GRAMA SABHA MEETING

Agency: Gnayiru Panchayat

Year of the Activity: 2024

No. of students participated: 2

Thiruthangal Nadar College Participates in GramaSabha Meeting. On January 26, 2024, Thiruthangal Nadar College actively participated in the GramaSabha meeting held at GnayiruPanchayat, Sholavaram block, Thiruvallur district.

During the meeting, our representatives engaged in discussions on localized sustainable development goals, identified major problems, and outlined an intervention plan. The college delegation comprised two faculty members and two students.





Name of the Activity: KIDNEY AWARENESS AND SCREENING CAMP

Agency: Gnayiru Panchayat

Year of the Activity: 2024

No. of students participated: 15

On February 25, 2024, Thiruthangal Nadar College, in collaboration with the Tamilnadu Kidney Research Foundation, conducted a Kidney Awareness and Screening Camp in Gnayiru village. This initiative aimed to promote localized sustainable development goals in the adopted village, focusing on health and wellness.

The camp witnessed the participation of 37 villagers, some of whom were identified with kidney-related issues. These individuals were referred to Stanley Hospital for further medical attention.

During the camp, the following health parameters were checked:

- ✓ Weight and height
- ✓ Blood pressure
- ✓ Blood sugar levels
- ✓ Body Mass Index (BMI)

Participants with elevated sugar levels (above 80-120) were advised to consult a doctor for further evaluation.

The event was supported by I BSW students and 10 NSS volunteers, who rendered their services to ensure the camp's success.





Name of the Activity: Mega eye camp and kidney awareness cum screening

Agency: Thirunilai Panchayat

Year of the Activity: 2024

No. of students participated: 100

Mega Eye Camp and Kidney Awareness cum Screening Program

A comprehensive health initiative was organized on February 28, 2024, in Thirunilai Panchayat, benefiting 100 village residents. The program consisted of a Mega Eye Camp conducted by MN Hospital and a Kidney Awareness cum Screening program by Tanker Foundation.

Key Highlights:

- ✓ 25 underprivileged individuals received free spectacles.
- ✓ Villagers with kidney-related issues were referred to Stanley Hospital for further treatment and medical attention.

This collaborative effort aimed to promote community health and well-being, addressing the critical needs of the local population.





Name of the Activity: Awareness program on Sustainable Agriculture

Agency: Thirunilai Panchayat

Year of the Activity: 2024

No. of students participated: 50

Thiruthangal Nadar College Promotes Sustainable Agriculture Awareness.

On February 28, 2024, Thiruthangal Nadar College organized an awareness program on Sustainable Agriculture in Thirunilai Panchayat, Sholavaram Block, Thiruvallur District.

The program featured interactive sessions conducted by students from the Plant Biology and Plant Biotechnology (PBPB) department. Specifically:

- ✓ III PBPB students explained the benefits and practices of organic farming, bio-fertilizers, and bio-pesticides.
- ✓ II PBPB students showcased the importance of natural foods.
- ✓ I PBPB students demonstrated the preparation of natural drinks.

This initiative successfully reached out to farmers, middle school students, and rural residents, promoting sustainable agricultural practices and healthy living.





Name of the Activity: General Mental Health Awareness

Agency: Gnayiru Panchayat

Year of the Activity: 2024

No. of students participated: 9

Thiruthangal Nadar College Organizes General Mental Health Awareness Program.

On February 26, 2024, Thiruthangal Nadar College, in collaboration with Aditya Birla Education Trust, conducted a General Mental Health Awareness program for women in Gnayiru Panchayat.

Key Highlights:

- ✓ 100 villagers participated and benefited from the program.
- ✓ Ms. Harini K., a psychologist, delivered an informative session on mental health, addressing the importance of mental well-being.
- ✓ Two sessions were conducted, one in Gnayiru and another in Attapalayam, to cater to a wider audience.
- ✓ The program received an overwhelming response, with villagers requesting treatment and support for their children's mental health.





Name of the Activity: NSS Special Camp

Agency: Thirunilai Panchayat

Year of the Activity: 2024

No. of students participated: 100

NSS 7 day special camp was organized in Thirunilai Panchayat from 26.02.2024 to 03.03.2024. We focused on the sustainable development goals and spread awareness on health, education, and the environment through street play, pamphlets, tree plantations, cleaning the surroundings, spreading mental health awareness, organizing different health camps, and using PRA techniques to know recourses, weaknesses, and strengths of the community. Students had practical learning. 100 NSS volunteers and 3 faculties were actively involved in the camp.



BEST PRACTICE – II

TITLE - CERTIFICATE COURSES

OBJECTIVE:

1. To complement the regular curriculum, over and above and **not at the cost of the regularly prescribed syllabus.**
2. To broaden and deepen the education both in terms of **academic excellence and social relevance.**
3. To reward students for the extra work done **beyond the requirements of the syllabus.**
4. **Multidisciplinary experience** – students of any discipline – Arts/Science/Management Studies can register for the Program offered either by their own or any other discipline.

CONTEXT:

Certificate Programme has been in existence for a year here at Thiruthangal Nadar College. More recently, many of the courses offered in the Certificate Programme moved to mainstream classes. This took the overall academics of the College to a higher level. However, there is always that segment of students who can handle bigger challenges.

TNC Skill Hub offers certificate courses through MOUs with NASSCOM, INFOSYS Springboard, and ICT Academy, providing students with industry-relevant skills and certification opportunities at the college.

PRACTICES:

Certificate Programme since 2022-23, is planned differently. Practice Kept in mind is to offer our students opportunities to encourage inter-disciplinary and multi-disciplinary involvement academically.

1. Certificate Programme is **voluntary and optional**; however, opting for the program requires seriousness and commitment.
2. Credit is equivalent to the involvement of **per week** of intense and dedicated work.
3. Registration Fees to be paid every year for the students by the Institution.
4. A student must enroll for at least one credit/year over the three years.
5. The student will approach the activity in-charge or the department coordinator for enrolment in an activity.
6. Correct details duly filled must be signed by the student.

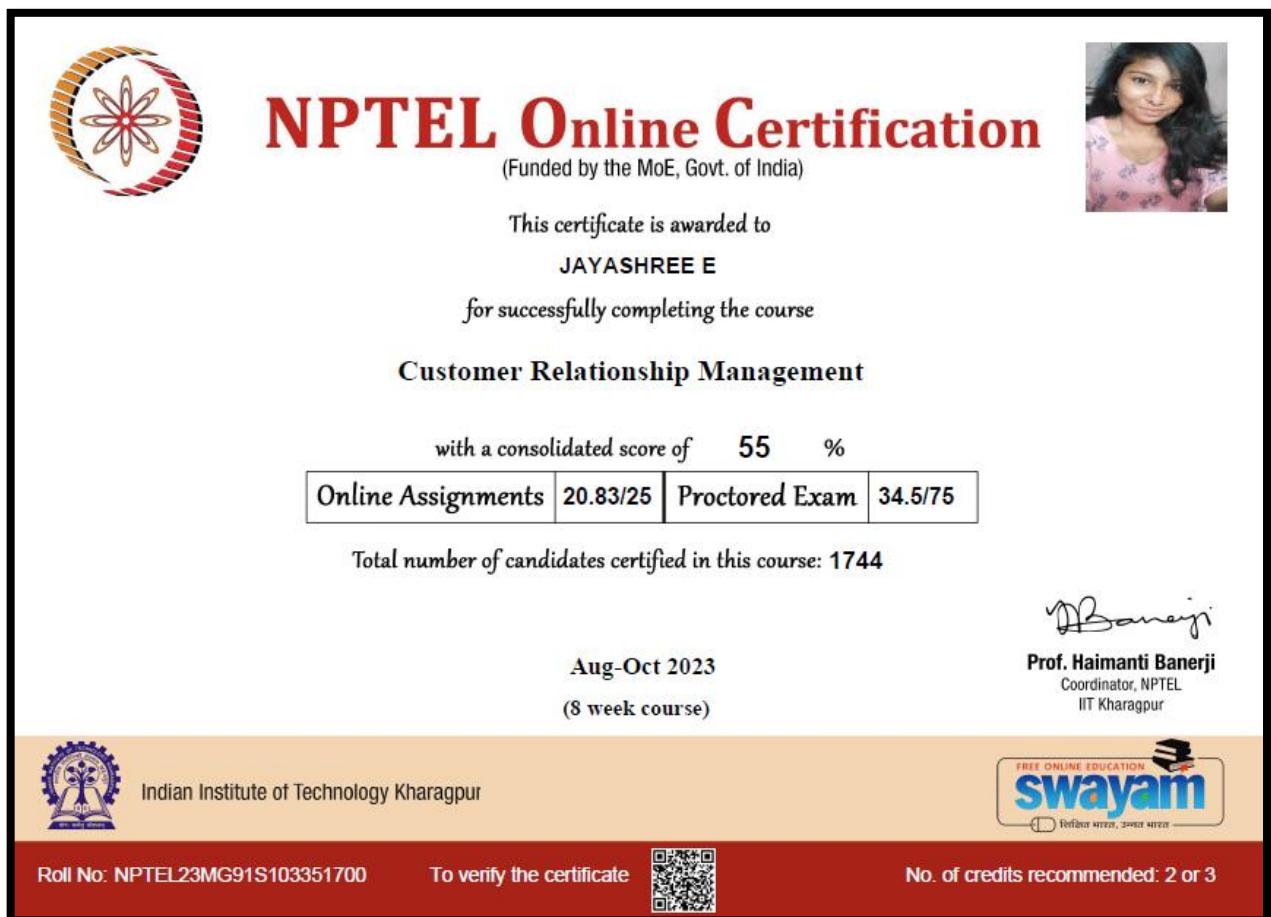
Students registered for an activity will receive an e-credit card on successful completion of the activity.

PROBLEMS ENCOUNTERED:

Finding the time for academics, extracurricular activities, personal life, and maybe even work can be overwhelming. Constantly juggling multiple responsibilities can leave students feeling stressed, exhausted, and struggling to fulfill their obligations. To tackle this challenge, students must develop effective time management techniques. Consider creating daily, weekly, or monthly schedules, setting priorities, working on those areas first, and doing your best to avoid procrastination.

EVIDENCES:

CUSTOMER RELATIONSHIP MANAGEMENT



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

This certificate is awarded to
JAYASHREE E
for successfully completing the course
Customer Relationship Management
with a consolidated score of **55 %**

Online Assignments	20.83/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: 1744

Aug-Oct 2023
(8 week course)

H. Banerji
Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION
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Roll No: NPTEL23MG91S103351700 To verify the certificate  No. of credits recommended: 2 or 3



Thiruthangal Nadar College
Knowledge is Power

NAAC CYCLE III - AQAR

7.2 Best Practices

7.2.1 Best Practices II

Year: 2023-24

ORGANIZATIONAL BEHAVIOUR



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SUSIDHAR P
for successfully completing the course
Organizational Behaviour
with a consolidated score of **64** %

Online Assignments	19.06/25	Proctored Exam	45/75
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Total number of candidates certified in this course: **2052**


Prof. B Umashankar
Chairperson, Centre for Continued Education (CCE)
IIT Hyderabad

Jul-Oct 2023
(12 week course)


Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras


 Indian Institute of Technology Hyderabad


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विद्यया ऽमृतमश्नुते

Roll No: NPTEL23MG73S533503351

To verify the certificate 

No. of credits recommended: 3 or 4



SERVICE MARKETING: INTEGRATING PEOPLE, TECHNOLOGY, STRATEGY



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

THIRISHA

for successfully completing the course

Services Marketing : Integrating People, Technology, Strategy

with a consolidated score of **43** %

Online Assignments	11.67/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: **402**

Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator CEC

Aug-Oct 2023

(8 week course)

Prof. Ranjana Pathania,
Professor (BSBE)
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL23MG115S533500102

To verify the certificate



No. of credits recommended: 2 or 3



BRAND MANAGEMENT



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
K ILAYA KANIKA
for successfully completing the course

Brand Management

with a consolidated score of **43** %

Online Assignments	12.71/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **439**

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

Jul-Sep 2023
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL23MG117S45332588

To verify the certificate



No. of credits recommended: 2 or 3



Thiruthangal Nadar College
Knowledge is Power

NAAC CYCLE III - AQAR

7.2 Best Practices

7.2.1 Best Practices II

Year: 2023-24

MANGEMENT INFORMATION SYTEM



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

HEMA DHARSHINI S

for successfully completing the course

Management Information System

with a consolidated score of **56** %

Online Assignments	20.63/25	Proctored Exam	35.6/75
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Total number of candidates certified in this course: **4345**

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23MG87S23353289

To verify the certificate



No. of credits recommended: 3 or 4



Thiruthangal Nadar College
Knowledge is Power

NAAC CYCLE III - AQAR

7.2 Best Practices

7.2.1 Best Practices II

Year: 2023-24

CLOUD COMPUTING



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SORNAKALA S

for successfully completing the course

Cloud Computing

with a consolidated score of **58** %

Online Assignments	24.69/25	Proctored Exam	33.51/75
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Total number of candidates certified in this course: **16686**

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS89S33358202


To verify the certificate



No. of credits recommended: 3 or 4



CYBER SECURITY AND PRIVACY



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

YAMINI J


for successfully completing the course


Cyber Security and Privacy

with a consolidated score of **60** %

Online Assignments	22.1/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: **6011**






Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM


Jul-Oct 2023
(12 week course)



Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras




Indian Institute of Technology Madras



Roll No: NPTEL23CS127S533404852

To verify the certificate



No. of credits recommended: 3 or 4



THE JOY OF COMPUTING USING PYTHON



Elite

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

This certificate is awarded to
STEEPEN A
for successfully completing the course
The Joy of Computing Using Python
with a consolidated score of **64** %

Online Assignments	24.13/25	Proctored Exam	40.28/75
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Total number of candidates certified in this course: **16145**

Devendra Jalihal
Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jul-Oct 2023
(12 week course)

Andrew Thangaraj
Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras

 Indian Institute of Technology Madras

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Roll No: NPTEL23CS108S33348456 To verify the certificate  No. of credits recommended: 3 or 4



Thiruthangal Nadar College
Knowledge is Power

NAAC CYCLE III - AQAR

7.2 Best Practices

7.2.1 Best Practices II

Year: 2023-24

GOOGLE CLOUD COMPUTING FOUNDATIONS



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

R SANTHOSHKUMAR

for successfully completing the course

Google Cloud Computing Foundations

with a consolidated score of **50** %

Online Assignments	19.5/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **4443**

Aug-Oct 2023

(8 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS90S733409022

To verify the certificate



No. of credits recommended: 2 or 3



FOOD PACKAGING TECHNOLOGY



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SARUMATHY

for successfully completing the course

Food Packaging Technology

with a consolidated score of **50** %

Online Assignments	10/25	Proctored Exam	39.75/75
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Total number of candidates certified in this course: **759**

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Aug-Oct 2023

(8 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23GE32S533400581

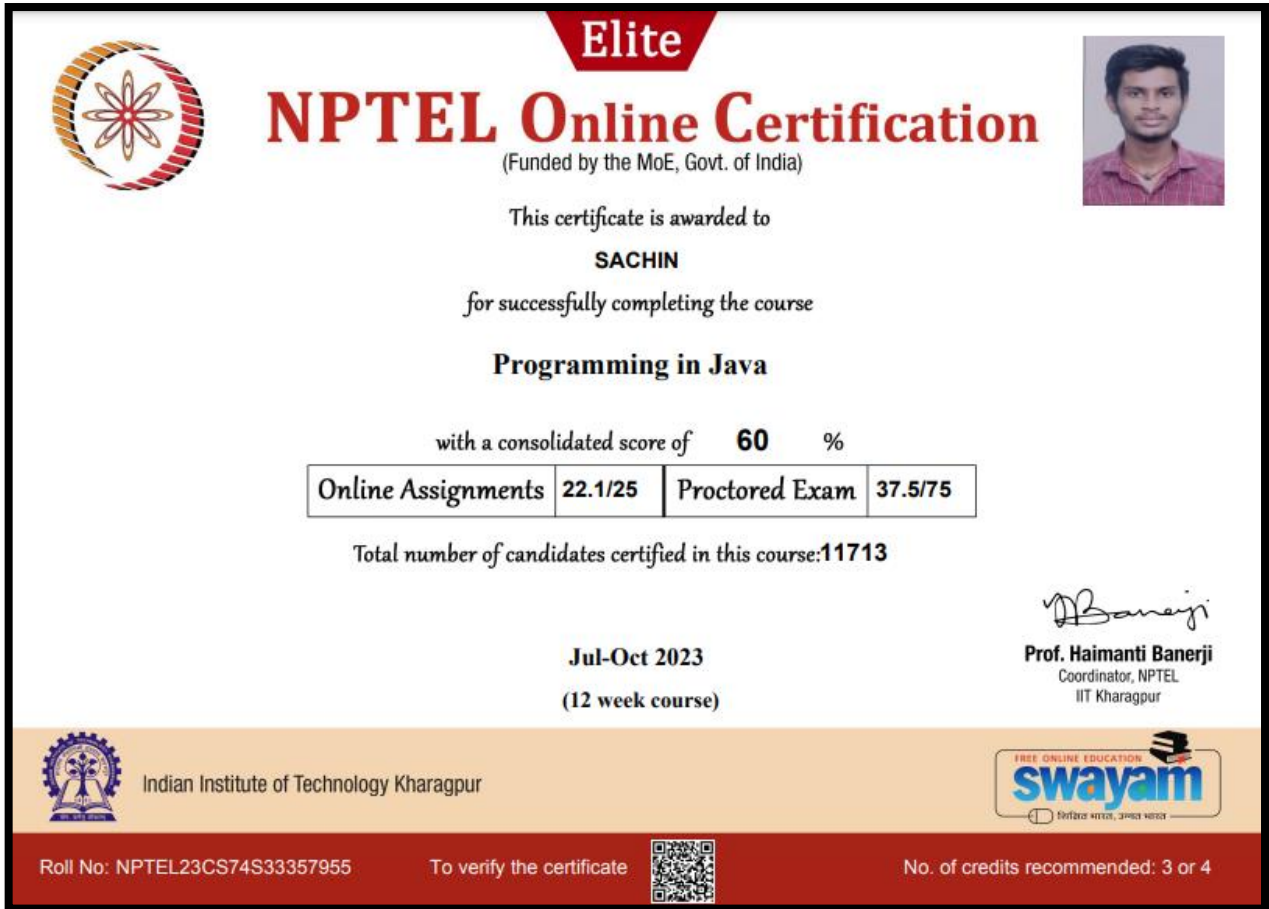
To verify the certificate



No. of credits recommended: 2 or 3



PROGRAMMING IN JAVA



Elite

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


This certificate is awarded to
SACHIN
for successfully completing the course
Programming in Java
with a consolidated score of **60** %


Online Assignments	22.1/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: **11713**

Jul-Oct 2023
(12 week course)

H. Banerji
Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

 Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS74S33357955 To verify the certificate  No. of credits recommended: 3 or 4



PYTHON FOR DATA SCIENCE



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
PRABU E
for successfully completing the course

Python for Data Science

with a consolidated score of **50** %

Online Assignments	20/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **7596**

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jul-Aug 2023

(4 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS99S15331793

To verify the certificate



No. of credits recommended: 1 or 2



INTRODUCTION TO INDUSTRY 4.0 AND INDUSTRIAL INTERNET OF THINGS



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

LAVANYA P

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

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: **9534**

Jul-Oct 2023
(12 week course)





Indian Institute of Technology Kharagpur



Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Roll No: NPTEL23CS82S433510155

To verify the certificate



No. of credits recommended: 3 or 4



THE JOY OF COMPUTING USING PYTHON



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

LAVANYA P

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **55** %

Online Assignments	24.97/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **12432**

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Apr 2024

(12 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS57S653504128

To verify the certificate



No. of credits recommended: 3 or 4