



This is to certify that



**D KOMALAVALLI**

has successfully completed all the requirements for SWAYAM-NPTEL Domain Certification in

### Programming

(Computer science and Engineering)

The courses were completed in the period Apr 2021

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

**Prof. Andrew Thangaraj**  
NPTEL Coordinator  
IIT Madras

Roll No: NPTELDS12100000007

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



#### Course Details

Course Type	Course Name	Duration	Offering Institute	Course Timeline	Marks Obtained (Out of 100)	QR Code
core	Programming, Data Structures And Algorithms Using Python	8 weeks	Chennai Mathematical Institute	Sep-Nov 2020	74	
core	Programming in C++	8 weeks	IIT Kharagpur	Jul-Sep 2017	81	
core	Programming in Java	12 weeks	IIT Kharagpur	Jan-Apr 2019	94	
core	Data Base Management System	8 weeks	IIT Kharagpur	Sep-Nov 2020	64	
Elective	Data Science for Engineers	8 weeks	IIT Madras	Jan-Mar 2021	70	
Elective	Cloud computing	8 weeks	IIT Kharagpur	Sep-Nov 2020	90	
Elective	Introduction to Internet of Things	12 weeks	IIT Kharagpur	Jan-Apr 2018	77	
<b>Total Marks</b>					<b>550</b>	

#### Criteria for certification in **Programming Domain**:

The candidate should complete the prescribed 4 core courses and 2 elective courses:

1. Scoring a minimum of  $\geq 55$  marks in each course and should pass the courses too.
2. Average of all courses in the domain should be  $\geq 60$ .
3. Sum of the duration of the courses should be  $\geq 60$  weeks.

Domain Certificates





This is to certify that



**ANITHA ELAVARASI S**

has successfully completed all the requirements for SWAYAM-NPTEL Domain Certification in

**Programming**  
(Computer Science)

The courses were completed in the period Apr 2021

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**  
NPTEL Coordinator  
IIT Madras

Roll No: NPTELDS12100000063

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



**Course Details**

Course Type	Course Name	Duration	Offering Institute	Course Timeline	Marks Obtained (Out of 100)	QR Code
core	Programming, Data Structures and Algorithms Using Python	8 weeks	Chennai Mathematical Institute	Jul-Sep 2019	73	
core	Programming in C++	8 weeks	IIT Kharagpur	Jan-Mar 2021	64	
core	Programming in Java	12 weeks	IIT Kharagpur	Sep-Dec 2020	94	
core	Introduction to Database Systems	12 weeks	IIT Madras	Jan-Apr 2021	58	
Elective	Data Science for Engineers	8 weeks	IIT Madras	Jan-Mar 2019	58	
Elective	Introduction to Internet of Things	12 weeks	IIT Kharagpur	Jul-Oct 2018	91	
<b>Total Marks</b>					<b>438</b>	

**Criteria for certification in Programming Domain:**

The candidate should complete the prescribed 4 core courses and 2 elective courses:

1. Scoring a minimum of  $\geq 55$  marks in each course and should pass the courses too.
2. Average of all courses in the domain should be  $\geq 60$ .
3. Sum of the duration of the courses should be  $\geq 60$  weeks.

Domain Certificates





# CERTIFICATE OF APPRECIATION TO

**ANITHA ELAVARASI S**

Computer Science and Engineering

for being recognized as NPTEL DISCIPLINE STAR  
JAN-APR 2021

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

**Prof. Andrew Thangaraj**  
NPTEL Coordinator  
IIT Madras

#### NPTEL DISCIPLINE STAR

Candidate has to be certified in courses of same discipline, completed more than 50 weeks of learning, final score in each subject  $\geq 55$





# CERTIFICATE OF APPRECIATION TO

**JAYANTHI.J**

Computer Science and Engineering

for being recognized as NPTEL DISCIPLINE STAR  
JAN-APR 2021

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

**Prof. Andrew Thangaraj**  
NPTEL Coordinator  
IIT Madras

#### NPTEL DISCIPLINE STAR

Candidate has to be certified in courses of same discipline, completed more than 50 weeks of learning, final score in each subject  $\geq 55$





# CERTIFICATE OF APPRECIATION TO

**KIRUBASRI.G**

Computer Science and Engineering

for being recognized as NPTEL DISCIPLINE STAR  
JAN-APR 2021

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

**Prof. Andrew Thangaraj**  
NPTEL Coordinator  
IIT Madras

#### NPTEL DISCIPLINE STAR

Candidate has to be certified in courses of same discipline, completed more than 50 weeks of learning, final score in each subject  $\geq 55$





# CERTIFICATE OF APPRECIATION TO

**KRISHNARAJ. V**

Mathematics

for being recognized as NPTEL DISCIPLINE STAR  
JAN-APR 2021

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

*Andrew Thangaraj*

**Prof. Andrew Thangaraj**  
NPTEL Coordinator  
IIT Madras

#### NPTEL DISCIPLINE STAR

Candidate has to be certified in courses of same discipline, completed more than 50 weeks of learning, final score in each subject  $\geq 55$





# CERTIFICATE OF APPRECIATION

TO

**KUMARAVEL.P**

Mechanical Engineering

for being recognized as NPTEL DISCIPLINE STAR  
JAN-APR 2021

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

**Prof. Andrew Thangaraj**  
NPTEL Coordinator  
IIT Madras

#### NPTEL DISCIPLINE STAR

Candidate has to be certified in courses of same discipline, completed more than 50 weeks of learning, final score in each subject  $\geq 55$





# CERTIFICATE OF APPRECIATION TO

**MARIMUTHU M**

Computer Science and Engineering

for being recognized as NPTEL DISCIPLINE STAR  
JAN-APR 2021

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

**Prof. Andrew Thangaraj**  
NPTEL Coordinator  
IIT Madras

#### NPTEL DISCIPLINE STAR

Candidate has to be certified in courses of same discipline, completed more than 50 weeks of learning, final score in each subject  $\geq 55$







# CERTIFICATE OF APPRECIATION TO

**SRISHARAAN**

Computer Science and Engineering

for being recognized as NPTEL DISCIPLINE STAR  
JAN-APR 2021

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

**Prof. Andrew Thangaraj**  
NPTEL Coordinator  
IIT Madras

**NPTEL DISCIPLINE STAR**

Candidate has to be certified in courses of same discipline, completed more than 50 weeks of learning, final score in each subject  $\geq 55$





# CERTIFICATE OF APPRECIATION TO

**DR S VIJAYALAKSHMI**

Electrical Engineering

for being recognized as NPTEL DISCIPLINE STAR  
JAN-APR 2021

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

**Prof. Andrew Thangaraj**  
NPTEL Coordinator  
IIT Madras

#### NPTEL DISCIPLINE STAR

Candidate has to be certified in courses of same discipline, completed more than 50 weeks of learning, final score in each subject  $\geq 55$





# CERTIFICATE OF APPRECIATION TO

**S LAKSHMANA KUMAR**

for being recognized as NPTEL BELIEVER  
JAN-APR 2021

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

**Prof. Andrew Thangaraj**  
NPTEL Coordinator  
IIT Madras

**NPTEL BELIEVER**

Candidate has to be present in 4/5/6  
exams, passing at least 4 of these exams

