

## DEPARTMENT OF MECHANICAL ENGINEERING

### Action-Taken Report on Curriculum and Class Committee Feedback Analysis Academic Year 2022-23

It's evident that our institute values the input from various stakeholders and is committed to enhancing the learning experience based on their suggestions. Following a thorough analysis of the collected feedback and suggestions in the Class committee meeting, the department has proactively undertaken specific actions in response to the valuable suggestions put forth by the stakeholders.

S. No	Suggestions	Action taken
1	Conduct value added courses in emerging area	Following Value added courses conducted
2	Encourage self-learning of students	Students enrolled for online courses like SWAYAM, NPTEL, COURSERA.
3	Organize more co-curricular and extracurricular activities	Along with the annual intra-collegiate competition, following events organized

Based on the suggestions, the following actions were planned for the benefits of students.

S. No	Suggestions	Action Taken	Activity	No. of students attended
1	Conduct value added courses	Following Value added course conducted.	Value added course on "Revit MEP"	32
			Value added course on Entrepreneurship	45
2	Encourage	Students enrolled	Introduction To Internet Of	1 Principal



**DEPARTMENT OF MECHANICAL ENGINEERING**

	along with curricular activities	learning		students (224)
			Mini project exhibition	186
			GATE Coaching classes	60
2	Hands on session programs	Conducted value added course/certificate courses	Value added course on Python Programming	14
			Value added training program CNC milling machine	13
			Certification course on Introduction to Design Thinking	28
3	Self-learning process	Enrolled for online courses (SWAYAM, NPTEL, COURSERA)	Introduction to Industry 4.0 and Industrial Internet of Things - online	2
			Introduction to Machine Learning IITM - online	2

IQAC Coordinator

Principal  
 SHRI MADHWA VADIRAJA  
 INSTITUTE OF TECHNOLOGY & MANAGEMENT  
 Vishwothama Nagar, Udupi Dist.  
 BANTAKAL - 574 115

Principal  
 SHRI MADHWA VADIRAJA  
 INSTITUTE OF TECHNOLOGY & MANAGEMENT  
 Vishwothama Nagar, Udupi Dist.  
 BANTAKAL - 574 115

**SHRI MADHWA VADIRAJA**  
**INSTITUTE OF TECHNOLOGY & MANAGEMENT**  
(A Unit of Shri Sode Vadiraja Mutt Education Trust Udupi)



*With the divine blessings of His Holiness*  
**Shri Shri Vishwavallabha Theertha Swamiji**  
*(Shri Sode Vadiraja Matha, Udupi)*

*The Management, Principal, Faculty, Staff and Students*  
*cordially invite you to the*  
*inaugural function of*

## **VALUE ADDED COURSE** **ON** **ENTREPRENEURSHIP**

**Monday, 19 June 2023 at 10 AM**  
**Venue: Seminar Hall, Admin Block, SMVITM, Bantakal**

*Chief Guest*  
**Shri. Rathnakumar**  
*Secretary, Shri Sode Vadiraja Mutt Education Trust, Udupi*

*Guest of Honor*  
**Dr. B Rajashekar**  
*Founding Dean and Professor*  
*Manipal College of Health Professions*  
*MAHE, Manipal*

**Dr. Thirumaleshwara Bhat**  
*Principal, SMVITM, Bantakal*  
**will be presiding over the function**



**Welcome to All**



Arun Upadhyaya &lt;edc@sode-edu.in&gt;

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**Value added course on Entrepreneurship**

2 messages

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**Arun Upadhyaya** <edc@sode-edu.in>  
To: sudhirraj kshim <sudhirraj@nitte.edu.in>

Sat, Jun 17, 2023 at 5:31 PM

Dear Sir,

I would like to thank you for accepting our invitation to conduct a session on **"Business Models and Planning and Business Model Canvas"** on Friday, **20, June at 2.00 PM** at our institute.

We are eagerly waiting for your session.

*Warm Regards***Mr. Arun Upadhyaya***AMIE, M.Tech, MISTE**Coordinator- Entrepreneurship Development Cell***SMVITM****Shri Madhwa Vadiraja Institute of Technology and Management**

(A unit of Sode Vadiraja Math Education Trust, Udupi)

**Accredited by NBA****Accredited by NAAC with 'A' Grade |Affiliated to VTU, Belagavi**

Approved by AICTE, New Delhi and Recognized by Govt. of Karnataka

Vishwothama Nagar|Bantakal|Udupi - 574 115, Karnataka|India

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Fax: +91-820-2589184

Email: [edc@sode-edu.in](mailto:edc@sode-edu.in); [arun\\_upadhyaya.ec@sode-edu.in](mailto:arun_upadhyaya.ec@sode-edu.in)URL : [www.sode-edu.in](http://www.sode-edu.in)

---

**sudhirraj kshim** <sudhirraj@nitte.edu.in>  
To: Arun Upadhyaya <edc@sode-edu.in>

Sat, Jun 17, 2023 at 7:31 PM

Dear Sir,

Happy Evening

I feel humbled and honoured to receive your invitation to deliver expert lecture on the topic above to your students and faculty members. I will be there on time.

Thank you so much.

Regards,

Dr. Sudhir Raj K

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Welcome to Nitte @ 6th Floor, University Enclave, Medical Sciences Complex, Deralakatte, Mangalore – 575018, India  
Tel: 91 – 824 – 2204300/01/02/03/04 Fax: 91 – 824 – 2204305 Email: [info@nitte.edu.in](mailto:info@nitte.edu.in)



Arun Upadhyaya &lt;edc@sode-edu.in&gt;

---

## Value added course on Entrepreneurship

2 messages

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**Arun Upadhyaya** <edc@sode-edu.in>  
To: manager.mutbi@manipal.edu

Sat, Jun 17, 2023 at 5:39 PM

Dear Sir,

As discussed with you, we are organizing a five days Value added course on Entrepreneurship starting from 19th to 23rd June for the interested students of our institute.

I would like to invite you to conduct a session on "**Business set-up, Start-up, and Growth**" on **Thursday 22, June at 11.15 AM** at our institute.

We are eagerly waiting for your session.

Warm Regards

**Mr. Arun Upadhyaya**

*AMIE, M.Tech, MISTE*

*Coordinator- Entrepreneurship Development Cell*



**SMVITM**

## Shri Madhwa Vadiraja Institute of Technology and Management

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Email: [edc@sode-edu.in](mailto:edc@sode-edu.in); [arun\\_upadhyaya.ec@sode-edu.in](mailto:arun_upadhyaya.ec@sode-edu.in)

URL : [www.sode-edu.in](http://www.sode-edu.in)

---

**Manager - MUTBI [MAHE]** <manager.mutbi@manipal.edu>  
To: Arun Upadhyaya <edc@sode-edu.in>

Mon, Jun 19, 2023 at 1:05 PM

Dear Sir, thanks for the invite.

thanks & best regards,

Mallesh Kumar K S

Manager

**Manipal Universal Technology Business Incubator (MUTBI)**

*[Supported by NSTEDB, DST, Govt. of India & MAHE, Manipal]*

4<sup>th</sup> Floor, Advanced Research Center, MAHE

Madhav Nagar, Manipal - 576104 | Karnataka | India

0820 2937732 | +91 7676284239 | [mutbimanipal.org](http://mutbimanipal.org)



**MANIPAL UNIVERSAL**  
TECHNOLOGY BUSINESS INCUBATOR  
Supported by NTFEDB, Dept. of Science & Technology, Govt. of India and MAHE, Manipal



**DST NIDHI**  
START-TO-SCALE STARTUP SUPPORT

---

**From:** Arun Upadhyaya <[edc@sode-edu.in](mailto:edc@sode-edu.in)>  
**Sent:** 17 June 2023 17:39  
**To:** Manager - MUTBI [MAHE] <[manager.mutbi@manipal.edu](mailto:manager.mutbi@manipal.edu)>  
**Subject:** Value added course on Entrepreneurship

You don't often get email from [edc@sode-edu.in](mailto:edc@sode-edu.in). [Learn why this is important](#)

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Arun Upadhyaya &lt;edc@sode-edu.in&gt;

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**Value added course on Entrepreneurship**

2 messages

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**Arun Upadhyaya** <edc@sode-edu.in>  
To: JPR <jprudupi@gmail.com>

Sat, Jun 17, 2023 at 5:33 PM

Dear Sir,

I would like to thank you for accepting our invitation to conduct a session on **"How to plan for start-ups and legal and Ethical steps."** on **Friday, 23, June at 11.15 AM** at our institute.

We are eagerly waiting for your session.

*Warm Regards***Mr. Arun Upadhyaya***AMIE, M.Tech, MISTE**Coordinator- Entrepreneurship Development Cell***SMVITM****Shri Madhwa Vadiraja Institute of Technology and Management**

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Fax: +91-820-2589184

Email: [edc@sode-edu.in](mailto:edc@sode-edu.in); [arun\\_upadhyaya.ec@sode-edu.in](mailto:arun_upadhyaya.ec@sode-edu.in)URL : [www.sode-edu.in](http://www.sode-edu.in)

---

**JPR** <jprudupi@gmail.com>  
To: Arun Upadhyaya <edc@sode-edu.in>

Sun, Jun 18, 2023 at 6:55 AM

Thanks for your invite, sir.

Will be there at 11.00.

**J.P. Rao****Consultant - Creative Communications & Training****+919448116172**

[Quoted text hidden]





## Activity Report

Academic Year	2022-23
Name of the Program	VAC on ENTREPRENEURSHIP
Date	19 to 23 June 2023
Target Audience	Interested students
Resource Person	Dr. Sudhir Raj K, Dr. Ganesh Aithal, r. Manjunath C K, Dr. Sudarshan Rao. Mr. Mallesh Kumar, Mr. J P Rao, Mr. Vinod Dixit
Number of Participants	45

The Institution's Innovation Council in association with the Entrepreneurship Development Cell of SMVITM is organizing a "VALUE ADDED COURSE on ENTREPRENEURSHIP" from 19th to 23rd June 2023. The inaugural function of this program was held on 19 June 2023 in the institute premises.

Dr. B Rajashekar, Dean and Professor of Manipal College of Health Professions inaugurated the session by lighting the lamp.

In his address, Dr. B Rajashekar offered a lot of motivation and inspiration for students to pursue entrepreneurial endeavors. He also mentioned about essential characteristics required for the entrepreneurs such discipline, vision, adaptability, creativity, communication and idea generation etc. He concluded his speech by giving tips on entrepreneurship and also quoted that skill and hard work makes the entrepreneur successful in his carrier.

Later the Guest of honor Sri Ratnakumar, Secretary, SSVMET, Udupi addressed the gathering. He mentioned about institution's aim in producing entrepreneurs and the future plans for the Entrepreneurship Development Cell at SMVITM to assist students in becoming entrepreneurs.

Prof. Dr. Thirumaleshwar Bhat, Principal, SMVITM, briefed students about the program and the importance of value added courses on entrepreneurship. Also, he mentioned that the institution will start an incubation center on its campus.

Ms. Sahana Karanth, Senior Asst. Professor in the Dept. of CSE welcomed the gathering. The Program concluded by the vote of thanks by Mr. Arun Upadhyaya, coordinator of Institution's Innovation Council. All the Coordinators of Institution's Innovation Council, Dean, HODs, and

participants were present over the program. The program begins with an invocation by Mr. Darshanraj and is compered by Mr. Clinton.



The Management, Principal, Faculty, Staff and Students cordially invite you to the inaugural function of

### VALUE ADDED COURSE ON ENTREPRENEURSHIP

Monday, 19 June 2023 at 10 AM  
Venue: Seminar Hall, Admin Block, SMVITM, Bantakal

Chief Guest  
**Shri. Rathnakumar**  
Secretary, Shri Sode Vadiraja Mutt Education Trust, Udupi

Guest of Honor  
**Dr. B Rajashekar**



ENTREPRENEURSHIP Development Cell

SMVITH

ENTREPRENEURSHIP Development Cell

SHIP ALL

Stages of Start up & Usual Sources of

GPS Map Camera

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ENTREPRENEURSHIP Development Cell

**SCHEDULE**

**Value Added Course on Entrepreneurship**

SESSION-I 10:00am-11:00 am	SESSION-II 11:15am-12:30pm	SESSION-III 2.00 pm-3:00 pm	SESSION-IV 3:15 pm-4:30pm
<b>Monday, 19 June 2023</b>			
<b>Inauguration</b>	<b>Idea Generation</b> Dr. Ganesh Aithal VP, SMVITM	<b>Opportunity Recognition and Design Thinking and Evaluating Entrepreneurial opportunities</b>  (Dr. Sudarshan Rao, Dean (QA), SMVITM)	
<b>Tuesday, 20 June 2023</b>			
	<b>Charms of an Entrepreneur</b>  Dr. C K Manjunath, Placement Officer, SMVITM	<b>Business Models and Planning and Business Model Canvas</b>  Dr. Sudhir Raj, Justice K. S Hegde Management Institute, Nitte	
<b>Wednesday, 21 June 2023</b>			
<b>Industry Visit to KMF, Udupi, and Manipal Universal Technology Business Incubator, Manipal</b>			
<b>Thursday, 22 June 2023</b>			
	<b>Business set-up, Start-up, and Growth</b>  Mr. Mallesh Kumar Manager, MUTBI, Manipal	<b>Financing Entrepreneurship</b>  Mr. Vinod Dixit	
<b>Friday, 23 June 2023</b>			
	<b>How to plan for start-ups and legal and Ethical steps.</b>  Mr. Jayaprakash Rao Soft Skill Trainer	<b>Case Study of Start-ups</b>  Mr. Nidhish Rao, Justice K. S Hegde Management Institute, Nitte, Founder of STARTUP MITRA	<b>Valedictory Program</b>  (3.30 PM to 4.30 PM)

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## Udupi: Value added course on entrepreneurship held at SMVITM, Bantakal

- 📅 Wed, Jun 21 2023 02:19:11 PM

*Daijiworld media network – Udupi (TP)*

**Udupi, Jun 21:** The Institution's Innovation Council in association with the Entrepreneurship Development Cell of SMVITM organized value added course on entrepreneurship from June 19-23.

Dr B Rajashekar, dean and professor of Manipal College of Health profession by lighting the lamp inaugurate the programme on June 19, in the institute premises.

In his address, Dr B Rajashekar offered a lot of motivation and inspiration for students to pursue entrepreneurial endeavours. He also mentioned essential characteristics required for the entrepreneurs, like discipline, vision, adaptability, creativity, communication and idea generation etc. He concluded his speech by giving tips on entrepreneurship and also quoted that skill and hard work makes the entrepreneur successful in his career.







The guest of honour Ratna Kumar, secretary of SSVMET, Udupi addressed the gathering and mentioned about institution's aim in producing entrepreneurs and the future plans for the Entrepreneurship Development Cell at SMVITM to assist students in becoming entrepreneurs.

Prof Dr Thirumaleshwar Bhat, principal of SMVITM, briefed students about the programme and the importance of value-added courses on entrepreneurship. Also, he mentioned that the institution will start an incubation centre on its campus.

Sahana Karanth, senior assistant professor in the department of CSE welcomed the gathering. The programme begins with an invocation by Darshanraj and is compered by Clinton. The programme concluded with a vote of thanks by Arun Upadhyaya, coordinator of the Institution's Innovation Council. All the coordinators of the Institution's Innovation Council, dean, HODs, and participants were present.

26 June 2023

## Letter of Appreciation

This is to place on record my sincere appreciation and gratitude to Mr. Arun Upadhyaya, Assistant Professor(Sg), Electronics & Communication Engineering for organizing the "VALUE ADDED COURSE on ENTREPRENEURSHIP" successfully from 19th to 23rd June 2023 at institute premises. Also wish to recognize the service of all committee coordinators and members towards excellent planning and execution of various works related to the program. I am pleased to acknowledge the whole hearted cooperation and contribution extended by the Faculty and Staff members of SMVITM towards the success of the program.

Looking forward to your continued support in all such future events and endeavors.



**Principal**

**SHRI MADHWA VADIRAJA INSTITUTE OF  
TECHNOLOGY AND MANAGEMENT**

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Vishwothama Nagar, Bantakal- 574115, Udupi District, Karnataka, INDIA



**SMVITM**

**■ CERTIFICATE OF PARTICIPATION ■**

K VAISHNAVI BHAT of AI & DS has actively participated

in **Value Added Course on Entrepreneurship** organized by the **Institution's Innovation Council**  
in association with **Entrepreneurship Development Cell of SMVITM**  
held from **19<sup>th</sup> June to 23<sup>rd</sup> June 2023**.

Co-ordinator

Principal



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Vishwothama Nagar, Bantakal- 574115, Udupi District, Karnataka, INDIA



**SMVITM**

**► CERTIFICATE OF PARTICIPATION ►**

Charan S Rao of ECE has actively participated  
in **Value Added Course on Entrepreneurship** organized by the **Institution's Innovation Council**  
in association with **Entrepreneurship Development Cell** of **SMVITM**  
held from **19<sup>th</sup> June to 23<sup>rd</sup> June 2023**.

Co-ordinator

Principal

## SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

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Vishwothama Nagar, Bantakal- 574115, Udupi District, Karnataka, INDIA



SMVITM

# ■ CERTIFICATE OF PARTICIPATION ■

Dhanush Kumar of ECE has actively participated  
in **Value Added Course on Entrepreneurship** organized by **the Institution's Innovation Council**  
in association with **Entrepreneurship Development Cell of SMVITM**  
held from **19<sup>th</sup> June to 23<sup>rd</sup> June 2023.**

Co-ordinator

Principal





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**RATHAN PATKAR**  
for successfully completing the course

## Introduction to Internet of Things

with a consolidated score of **68** %

Online Assignments	22.66/25	Proctored Exam	45.32/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **9793**

Jul-Oct 2022  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS96S33980020

To validate the certificate



No. of credits recommended: 3 or 4

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

Roll No: NPTEL21CS70S43970234

To  
NIKHIL SHETTY  
SANKAPADIGUTTU KATTINGERI VILLAGE  
MOODUBELLE POST, KAPU TALUK, UDUPI DIST  
UDUPI  
KARNATAKA - 576120  
PH. NO : 8150865331



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.



# NPTEL Online Certification

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



This certificate is awarded to

**NIKHIL SHETTY**

for successfully completing the course

## Introduction to Machine Learning

with a consolidated score of **51** %

Online Assignments	19.06/25	Proctored Exam	32.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **800**

*Devendra Jalihal*

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

Jul-Oct 2021  
(12 week course)

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



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

Roll No: NPTEL21CS70S33970158

To  
KISHAN M  
NEAR KESHAV TEMPLE, HALDIPUR  
SMVITM BOYS HOSTEL BANTAKAL, UDUPI  
HONNAVAR  
KARNATAKA - 581327  
PH. NO :7406215787



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 Ministry of HRD, Govt. of India)



This certificate is awarded to

**KISHAN M**

for successfully completing the course

## Introduction to Machine Learning

with a consolidated score of **60** %

Online Assignments	19.06/25	Proctored Exam	41/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **800**

*Devendra Jalihal*

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

Jul-Oct 2021  
(12 week course)

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



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

Roll No: NPTEL21CS66S23970234

To  
NIKHIL SHETTY  
SANKAPADIGUTTU KATTINGERI VILLAGE  
MOODUBELLE POST, KAPU TALUK, UDUPI DIST  
UDUPI  
KARNATAKA - 576120  
PH. NO : 8150865331



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 Ministry of HRD, Govt. of India)



This certificate is awarded to

**NIKHIL SHETTY**

for successfully completing the course

## Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **67** %

Online Assignments	24.35/25	Proctored Exam	42.39/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **2815**

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

Jul-Oct 2021  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



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Roll No: NPTEL21CS66S13970070

To  
KISHAN M  
NEAR KESHAV TEMPLE, HALDIPUR  
SMVITM BOYS HOSTEL BANTAKAL, UDUPI  
HONNAVAR  
KARNATAKA - 581327  
PH. NO :7406215787



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 Ministry of HRD, Govt. of India)



This certificate is awarded to

**KISHAN M**

for successfully completing the course

## Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **69** %

Online Assignments	24.35/25	Proctored Exam	44.39/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **2815**

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

Jul-Oct 2021  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur

