



DEPARTMENT OF MECHANICAL ENGINEERING

**Action-Taken Report on
Curriculum and Class Committee Feedback Analysis
Academic Year 2020-21**

In response to the concerns raised by committee members regarding the consistency and fairness of assessment procedures across different courses, the institute has implemented several proactive measures. These actions are aimed at ensuring that assessment practices are standardized, transparent, and equitable for all students, while also aligning with the goal of promoting collaborative learning.

S. No	Suggestions	Action taken
1	Encourage self-learning of students	Students enrolled for online courses like SWAYAM, NPTEL, COURSERA.
2	Organize industrial visit and internships	Students undergone internship at following industries
3	Conduct value added courses in emerging area and more workshops related to job skills	Following Value added course conducted

Through the following mentioned training and courses conducted, students used the tools such as personality assessments, skills assessments, and career aptitude tests to gain insights into potential career paths to do self-assessment to identify and develop their strengths, weaknesses, interests, values, and career aspirations.

S. No	Suggestions	Action Taken	Activity	No. of students attended
1	Conduct value added courses in emerging area	Following value added course is conducted.	Value added course on CATIA	34
2	More	Conducted the	Design Thinking, Creative	46

Prasanna

SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udupi Dist.
574115



DEPARTMENT OF MECHANICAL ENGINEERING

	workshops to enhance the job skills	following workshop	Thinking, and Innovation Design by Dr. Sudhir Raj K, Professor, Justice K. S Hegde Management Institute, Nitte, Karkala	
			MY STORY - Motivational Session by Successful Start-up Founder by Mr. Hiren Bhanderi Founder, Myoot Technologies Private limited, MUTBI, Manipal	26
3	Encourage self-learning of students	Enrollment of online courses (SWAYAM, NPTEL, COURSERA) for interested students to gain knowledge	Principles of Mechanical Measurement	2
			Introduction to Machining and Machining Fluids	2
			Introduction to Mechanical Micro Machining	2
			Architecting with Google Kubernetes Engine: Foundations	1
			AWS Fundamentals: Addressing Security Risk	1
			Basic Image Classification with TensorFlow	1
			Build a Data Science Web App with Streamlit and Python	1
			Create a Business Marketing Brand Kit Using Canva	1
			Elastic Google Cloud Infrastructure: Scaling and Automation	1
			Google Cloud Big Data and Machine Learning Fundamentals	1

Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udupi Dist.

[Handwritten Signature]
Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udupi Dist.

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Vishwothama Nagar, Bantakal, Udupi – 574 115, Karnataka, India

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SMVITM



INSTITUTION'S
INNOVATION
COUNCIL



MYOOT

Institution's Innovation Council (IIC)
is organising a **Talk**

on

MY STORY

**MOTIVATIONAL SESSION BY SUCCESSFUL
ENTREPRENEUR/ START- UP FOUNDER**



04, December 2020

02:00 PM

Mr. Hiren Bhanderi

Founder

Myoot - Electric Kick Scooter

MUTBI - Manipal



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INSTITUTE OF TECHNOLOGY AND MANAGEMENT**
A Unit of Shri Sode Vadiraja Mutt Education Trust® Udupi
Vishwothama Nagar, Bantakal – 574 115, Udupi District, Karnataka, INDIA



Activity Report

Academic Year	2020-21
Name of the Program	MY STORY - Motivational Session by Successful Start-up Founder
Date	04 December, 2020
Target Audience	Students of SMVITM
Resource Person	Mr. Hiren Bhanderi Founder, Myoot Technologies Private limited, MUTBI, Manipal
Number of Participants	26

Shri Madhwa Vadiraja Institute of Technology and Management Bantakal conducted a workshop on “MY STORY - Motivational Session by Successful Entrepreneur/Start-up Founder” on 04, December, 2020. The Program was jointly organized by the Institution’s Innovation Council (IIC) and Entrepreneurship Development cell of the institute and conducted on-line mode.

Mr. Hiren Bhanderi Founder, Myoot Technologies Private limited, MUTBI, Manipal participated as the resource person of the program. During the session, Mr. Bhanderi encouraged the students grab the opportunity to become successful entrepreneur rather than focusing on finding jobs.

Mr. Hiren also explained key areas to focus to start their own venture such as focusing on team building, creating momentum, marketing, survey of product, solving the real life problems. He also informed the participants, the benefits of becoming an entrepreneur.

Mr. Bhanderi demonstrated the electric kick scooter, product developed by his team

The Students participated in large numbers and interacted with the resource person.

Dr. Ganesh Aithal, Vice Principal, and Faculties were present during the session

Mr. Arun Upadhyaya, coordinator of Entrepreneurship Development Cell welcomed and introduced the resource person and Ms. Usha H proposed vote of thanks at the end of the program.

Hiren Bhanderi

Co-founder, C-Myoot Technologies Private Limited

Email: hirenbhanderi109@gmail.com



Education: Btech, Manipal Institute of Technology, Manipal, 2019

Achievements:

- Runner-up, Provenance – 2019
- NIDHI-EIR grant Recipient

meet.google.com is sharing your screen. Stop sharing Hide

Participant list:

- Hiren Bhanderi
- Arun Upadhyaya ECE
- Dr. Ganesh Aithal
- Sandesh Kumar ECE
- CHANDAN NELLI M...
- Madhukara Nayak ...
- Harshitha G M
- SHREYA SUBHASH ...
- PRATHIK B SHETT...

Hiren Bhanderi

Co-founder, C-Myoot Technologies Private Limited

Email: hirenbhanderi109@gmail.com



Education: Btech, Manipal Institute of Technology, Manipal, 2019

Achievements:

- Runner-up, Provenance – 2019
- NIDHI-EIR grant Recipient

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Participant list sidebar showing avatars and names of attendees:

- Hiren Bhanderi
- Arun Upadhyaya ECE
- Dr. Ganesh Aithal
- Sandesh Kumar ECE
- CHANDAN NELLI M...
- Madhukara Nayak ...
- Harshitha G M
- SHREYA SUBHASH ...
- PRATHIK B SHETT...

ಬಂಟಕಲ್ಲು ತಾಂತ್ರಿಕ ಕಾಲೇಜು: ಕಾರ್ಯಾಗಾರ

ತೀರ್ಪು, ಡಿ. 6: ಬಂಟಕಲ್ಲು ಶ್ರೀ ಮಧ್ವ ವಾದಿರಾಜ ತಾಂತ್ರಿಕ ಮಹಾ ವಿದ್ಯಾಲಯದ ಸಿವಿಲ್ ಎಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗದ ಆಶ್ರಯದಲ್ಲಿ ಸಂಸ್ಥೆಯ ಇನ್ನೊವೇಶನ್ ಕೌನ್ಸಿಲ್ (ಐಐಸಿ) ಮತ್ತು ಉದ್ಯಮಶೀಲತೆ ಅಭಿವೃದ್ಧಿ ಘಟಕದ ಸಹಯೋಗದೊಂದಿಗೆ 'ನನ್ನ ಕಥೆ' ಎಂಬ ವಿಷಯದ ಬಗ್ಗೆ ಕಾರ್ಯಾಗಾರವನ್ನು ಡಿ. 4ರಂದು ಆಯೋಜಿಸಲಾಗಿತ್ತು.

ಸಂಪನ್ಮೂಲ ವ್ಯಕ್ತಿ ಮಣಿಪಾಲದ ಮೈಯೂತ್ ಟೆಕ್ನಾಲಜಿ ಸಂಸ್ಥೆಯ ಸ್ಥಾಪಕ ಹಿರೇನ್ ಭಂಡೇರಿ ಉದ್ಯೋಗ ಹುಡುಕುವ ಬದಲು ಯಶಸ್ವಿ ಉದ್ಯಮಿ ಯಾಗಲು ಸಿಗುವ ಅವಕಾಶ ವನ್ನು ಬಳಸಿಕೊಳ್ಳುವ ಬಗ್ಗೆ ತಿಳಿಸಿದರು. ತಮ್ಮದೇ ಆದ ಉದ್ಯಮ ಆರಂಭಿಸಲು ತಂಡ ನಿರ್ಮಾಣ, ಮಾರ್ಕೆಟಿಂಗ್, ಉತ್ಪನ್ನದ ಸಮೀಕ್ಷೆ, ನಿಜಜೀವನದ ಸಮಸ್ಯೆ ಪರಿಹಾರ ಮುಂತಾದ ಪ್ರಮುಖ ವಿಷಯದ ಬಗ್ಗೆ ತಿಳಿಸಿದರು.

ತಮ್ಮ ತಂಡವು ಅಭಿವೃದ್ಧಿಪಡಿಸಿದ ಎಲೆಕ್ಟ್ರಿಕ್ ಸೂಟರ್ ನ್ನು ಪ್ರದರ್ಶಿಸಿ ವಿದ್ಯಾರ್ಥಿ ಗಳೊಂದಿಗೆ ಸಂವಾದ ನಡೆಸಿದರು.

ಸಂಸ್ಥೆಯ ಉದ್ಯಮಶೀಲತೆ ಮತ್ತು ಅಭಿವೃದ್ಧಿ ಘಟಕದ ಸಂಯೋಜಕ ಆರುಣ್ ಉಪಾಧ್ಯಾಯ ಸ್ವಾಗತಿಸಿದರು. ಭೌತಶಾಸ್ತ್ರ ವಿಭಾಗದ ಪ್ರಾಧ್ಯಾಪಕಿ ಉಷಾ ಎಚ್. ವಂದಿಸಿದರು.

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SMVITM



INSTITUTION'S
INNOVATION
COUNCIL

Institution's Innovation Council (IIC)
is organising Workshop
on

**DESIGN THINKING,
CREATIVE THINKING &
INNOVATION DESIGN**



24, December 2020

02:00 PM

Dr. Sudhir Raj K

Professor

**Justice K S Hegde Institute of Management
Nitte**



Arun Upadhyaya <edc@sode-edu.in>

DESIGN THINKING, CREATIVE THINKING, AND INNOVATION DESIGN

1 message

Arun Upadhyaya <edc@sode-edu.in>

Tue, Dec 22, 2020 at 3:16 PM

To: sudhirraj jkshim <sudhirraj@nitte.edu.in>

Dear Sir,

As discussed with you over the telephone, A workshop is scheduled for **24, December 2020** on the topic "**DESIGN THINKING, CREATIVE THINKING, AND INNOVATION DESIGN**" at **2 PM**.

I kindly request you to treat this mail as an Invitation and guide our students on the above topic.

Warm Regards

Mr. Arun Upadhyaya

AMIE, M.Tech, MISTE

Coordinator- Entrepreneurship Development Cell

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Phone: +91-820-2589183 (O) |+91-968-632-3734(M)

Fax: +91-820-2589184

Email: edc@sode-edu.in; arun_upadhyaya.ec@sode-edu.in

URL : www.sode-edu.in

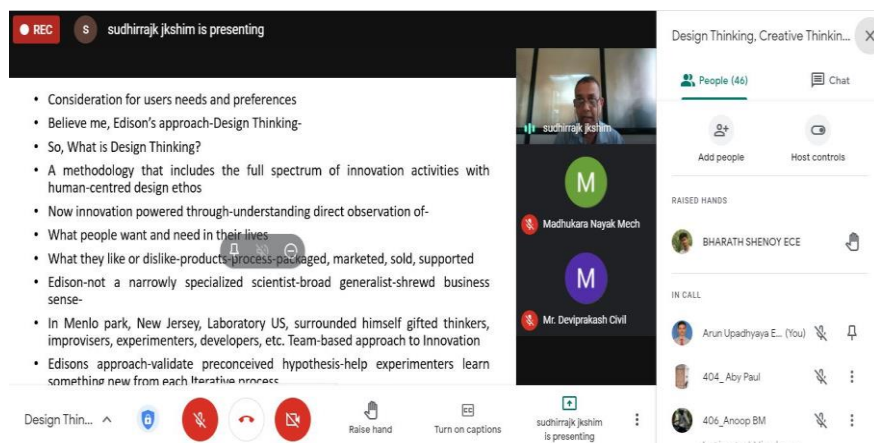


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Vishwothama Nagar, Bantakal – 574 115, Udupi District, Karnataka, INDIA



Activity Report

Academic Year	2020-21
Name of the Program	Design Thinking, Creative Thinking, and Innovation Design
Date	24November, 2020
Target Audience	Interested Students of SMVITM
Resource Person	Dr. Sudhir Raj K, Professor, Justice K. S Hegde Management Institute, Nitte, Karkala
Number of Participants	46



Shri Madhwa Vadiraja Institute of Technology and Management Bantakal conducted a workshop on “Design Thinking, Creative Thinking, and Innovation Design” on 24, December, 2020. The Program was jointly organized by the Institution’s Innovation Council and Entrepreneurship Development cell of the institute.

Dr. Sudhir Raj K, Professor, Justice K. S Hegde Management Institute, Nitte, Karkala participated as the resource person of the program. During the session, Dr. Sudhir Raj described how thinking originates in brain and how it can be used for creating innovation. He quoted several examples of well-known innovators and their contribution to the society.

Dr. Raj advised students to be experimenter and never loose heart when they are unsuccessful. He also informed that creative thinking is very essential for defining and solving problems.

The Students of the institute participated in large numbers and interacted with the resource person.

Dr. Ganesh Aithal, Vice Principal, and Faculties were present during the session

Mr. Arun Upadhyaya, coordinator of Entrepreneurship Development Cell welcomed all the participants, Mr. Deviprakash introduced the resource person and Mr. Madhukar Nayak proposed vote of thanks at the end of the program.

● REC S sudhirraj kshim is presenting P PRANAVASHREE ... and 44 more 47 2:18 PM You



REC s sudhirraj jkshim is presenting

- Consideration for users needs and preferences
- Believe me, Edison's approach-Design Thinking-
- So, What is Design Thinking?
- A methodology that includes the full spectrum of innovation activities with human-centred design ethos
- Now innovation powered through-understanding direct observation of-
- What people want and need in their lives
- What they like or dislike-products-process-packaged, marketed, sold, supported
- Edison-not a narrowly specialized scientist-broad generalist-shrewd business sense-
- In Menlo park, New Jersey, Laboratory US, surrounded himself gifted thinkers, improvisers, experimenters, developers, etc. Team-based approach to Innovation
- Edisons approach-validate preconceived hypothesis-help experimenters learn something new from each Iterative process

Design Thin... ^

Raise hand Turn on captions

sudhirraj jkshim is presenting

sudhirraj jkshim

M

Madhukara Nayak Mech

M

Mr. Deviprakash Civil

Design Thinking, Creative Thinkin... X

People (46) Chat

Add people Host controls

RAISED HANDS

BHARATH SHENOY ECE

IN CALL

Arun Upadhyaya E... (You)

404_Aby Paul

406_Anoop BM

Activate Windows

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SMVITM

CERTIFICATE OF PARTICIPATION

This is to appreciate the participation of **Kavana Mahesh Hegde** in the workshop titled **“DESIGN THINKING, CREATIVE THINKING, AND INNOVATION DESIGN”** organized by the **Institution’s Innovation Council** of **SMVITM, Bantakal** on **24, December 2020**.

Mr. Arun Upadhyaya
Coordinator

Dr. Thirumaleshwara Bhat
Principal

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Website: www.sode-edu.in | Mobile: +91 7483031199



SMVITM

CERTIFICATE OF PARTICIPATION

This is to appreciate the participation of **Pooja** in the workshop titled
**“DESIGN THINKING, CREATIVE THINKING, AND INNOVATION
DESIGN”** organized by the **Institution's Innovation Council** of
SMVITM, Bantakal on 24, December 2020.

Mr. Arun Upadhyaya
Coordinator

Dr. Thirumaleshwara Bhat
Principal

ಡಿಸೈನ್ ಥಿಂಕಿಂಗ್ ಕಾರ್ಯಾಗಾರ

ಕಟವಾಡಿ: ಶ್ರೀಮಧ್ವ ವಾದಿರಾಜ ತಾಂತ್ರಿಕ
ಮಹಾವಿದ್ಯಾಲಯದ ಆವಿಷ್ಕಾರ ಘಟಕ ಮತ್ತು
ಉದ್ಯಮಶೀಲತೆ ಮತ್ತು ಅಭಿವೃದ್ಧಿ ಘಟಕ
ಸಹಯೋಗದಲ್ಲಿ 'ವಿನ್ಯಾಸ ಚಿಂತನೆ, ಸೃಜನಾತ್ಮಕ ಚಿಂತನೆ
ಮತ್ತು ನಾವೀನ್ಯತೆ ವಿನ್ಯಾಸ' ಕುರಿತು ಕಾರ್ಯಾಗಾರ
ನಡೆಯಿತು.

ಸಂಪನ್ಮೂಲ ವ್ಯಕ್ತಿ ನಿಟ್ಟೆ ಜಸ್ಟಿಸ್ ಕೆ.ಎಸ್.ಹೆಗ್ಡೆ
ಮ್ಯಾನೇಜ್‌ಮೆಂಟ್ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್‌ನ ಪ್ರೊ.ಸುಧೀರ್
ರಾಜ್ ಕೆ. ಹೊಸ ಹೊಸ ಆಲೋಚನೆಗಳು ಹೇಗೆ
ಹುಟ್ಟುತ್ತದೆ ಮತ್ತು ಅದರಿಂದ ಹೇಗೆ ಹೊಸ
ಆವಿಷ್ಕಾರಗಳಲ್ಲಿ ಬಳಸಬೇಕು ಎಂದರು.

ವೈಸ್ ಪ್ರಿನ್ಸಿಪಾಲ್ ಡಾ.ಗಣೇಶ್ ಐತಾಳ್
ಉಪಸ್ಥಿತರಿದ್ದರು. ಉದ್ಯಮಶೀಲತೆ ಮತ್ತು ಅಭಿವೃದ್ಧಿ
ಘಟಕದ ಅರುಣ್ ಉಪಾಧ್ಯಾಯ ಸ್ವಾಗತಿಸಿದರು.
ದೇವಿಪ್ರಕಾಶ್ ಸಂಪನ್ಮೂಲ ವ್ಯಕ್ತಿಯನ್ನು
ಪರಿಚಯಿಸಿದರು. ಮಧುಕರ್ ನಾಯಕ್ ವಂದಿಸಿದರು.

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: NPTEL21ME57S11950172

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:2

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 Machining and Machining Fluids

with a consolidated score of **55** %

Online Assignments	17.08/25	Proctored Exam	37.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **134**

Bharath

Dr. Bharath Kumar
Chairman, Centre for Continuing Education
IIT Tirupati

Jan-Mar 2021
(8 week course)

Hemant B Kaushik

Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Tirupati



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Roll No: NPTEL21ME03S13980141

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.



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 Mechanical Micro Machining

with a consolidated score of **57** %

Online Assignments	21.56/25	Proctored Exam	35.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **119**

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

Jan-Apr 2021
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



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: NPTEL21ME55S13920003

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.



NPTEL Online Certification

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



This certificate is awarded to

KISHAN M

for successfully completing the course

Principles of Mechanical Measurement

with a consolidated score of **57** %

Online Assignments	24.38/25	Proctored Exam	33/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **22**

Jan-Apr 2021
(12 week course)

Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



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Roll No: NPTEL21ME57S21950273

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: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 Ministry of HRD, Govt. of India)



This certificate is awarded to

KISHAN M

for successfully completing the course

Introduction to Machining and Machining Fluids

with a consolidated score of **66** %

Online Assignments	16.67/25	Proctored Exam	49.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **134**

Bharath

Dr. Bharath Kumar
Chairman, Centre for Continuing Education
IIT Tirupati

Jan-Mar 2021
(8 week course)

Hemant B Kaushik

Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Tirupati



Roll No:NPTEL21ME57S21950273

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

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Roll No: NPTEL21ME03S23980132

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 Mechanical Micro Machining

with a consolidated score of **55** %

Online Assignments	21.25/25	Proctored Exam	33.75/75
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Total number of candidates certified in this course: **119**

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

Jan-Apr 2021
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur

