

2.3.1b

Moradabad Institute of Technology, Moradabad

Department: Electronics and Communication Engineering

List of projects with domain classification and list of student's research paper based on projects with summary.

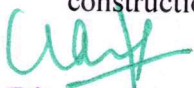
Sr. No.	Name of Student	Project Title	Domain Classification
1	Ashish	Swachta Robot	ECE
2	Shivansh		
3	Sachin Kumar	IoT Based Accident Detection System	ECE
4	Mohammad Zubeen		
5	Vasu Agarwal	AQI Monitoring System	ECE
6	Shubhi Chaudhary		
7	Divyanshu Sharma	Smart Helmet	ECE
8	Bawar Husain		
9	Saurabh Sharma	Element Sorting System based on color & type	ECE
10	Vaibhav Tomar		
11	Mohd Faizan	GSM based prepaid electricity energy meter using Arduino with automatic billing & theft alert system	ECE
12	Waseem Akram		

Research Papers

1. Ruchi Varshney, Mohammad Zubeen, Sachin Kumar, "IoT: An Introduction to Networking", Proceedings of IoT, Robotics and Automation IIRA – 2023, July 2023.

Project Summary

1. **Swachta Robot:** The Swachta Robot is a concept or initiative aimed at addressing cleanliness and sanitation issues through the use of robotics. These robots are typically designed to assist in maintaining cleanliness in public spaces, reducing human labor, and promoting a cleaner environment.
2. **IoT Based Accident Detection System:** An IoT-based accident detection system leverages the Internet of Things (IoT) to detect and respond to traffic accidents promptly. This system uses various sensors, communication technologies, and data analytics to enhance road safety and provide quick emergency response.
3. **AQI Monitoring System:** An Air Quality Index (AQI) monitoring system is designed to measure and report air quality in real-time. These systems leverage various sensors, IoT technology, and data analytics to provide accurate and timely information about the levels of air pollutants.
4. **Smart Helmet:** A smart helmet is an advanced piece of headgear designed to enhance safety, communication, and convenience for users through integrated technology. These helmets are equipped with various sensors, communication devices, and other smart features that make them beneficial for activities such as motorcycling, cycling, construction work, and more.


Director
 Moradabad Institute of Technology
 Ram Ganga Vihar, Phase-2
 Moradabad





5. Element Sorting System based on color & type: An element sorting system based on color and type is an advanced automated solution designed to classify and separate items according to their color and material composition. Such systems are widely used in recycling, manufacturing, and quality control processes.
6. GSM based prepaid electricity energy meter using Arduino with automatic billing & theft alert system: A GSM-based prepaid electricity energy meter using Arduino with automatic billing and theft alert system is an advanced solution for managing electricity consumption. This system provides users with a prepaid electricity model, automates billing processes, and enhances security by detecting and alerting about potential electricity theft.

Manas

Manas Singhal

Assistant Professor

Kshitij

Kshitij Shinghal

HoD, ECE



AA
Gay

Director
Moradabad Institute of Technology
Ram Ganga Vihar, Phase-2
Moradabad

MIT

Department of Management

(Session 2022-23)

2.3.1. H LIST OF MOOCS DONE BY STUDENTS

S.No	Name of the Student	Class	Title	Organizing Institute	%
1	Traushi Agarwal	MBA-I year	Financial Accounting	IIT, Mandi (NPTEL)	88%
2	Ananya gupta	MBA-I year	Financial Accounting	IIT, Mandi (NPTEL)	82%
3	Vardaan Kaushik	MBA-I year	Essentials of Data Science with R Software - 1: Probability and Statistical Inference	IIT, Kanpur (NPTEL)	48%


Summary of Guest Lecture /Seminar/Skill Development -2022-23

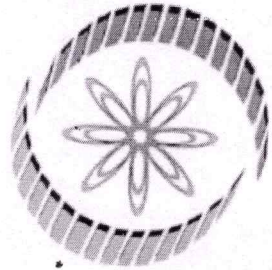
Total three students cleared the NPTEL MOOC courses in the current session. Two students did the course in "Financial Accounting" and one did in the subject of "Essentials of Data Science with R Software - 1: Probability and Statistical Inference".


HOD
Department of Management
Moradabad Institute of Technology
Ram Ganga Vihar Phase-II, MBD






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Moradabad Institute of Technology
Ram Ganga Vihar, Phase-2
Moradabad



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

ANANYA GUPTA

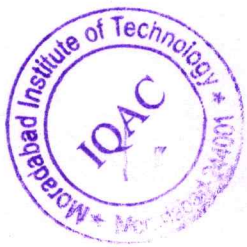
for successfully completing the course

Financial Accounting

with a consolidated score of **82** %

Online Assignments	20.38/25	Proctored Exam	61.22/75
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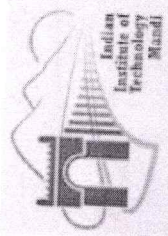
Total number of candidates certified in this course: **538**



[Signature]
Prof. Tushar Jain
 Centre for Continuing Education
 IIT Mandi

[Signature]
Prof. Andrew Thangaraj
 NPTEL, Coordinator
 IIT Madras

Jan-Apr 2023
(12 week course)



Indian Institute of Technology Mandi

[Signature]
 Department of Management
 Moradabad Institute of Technology
 Ram Ganga Vihar Phase-II, MBD

[Signature]
 Director
 Moradabad Institute of Technology
 Ram Ganga Vihar, Phase-2
 Moradabad

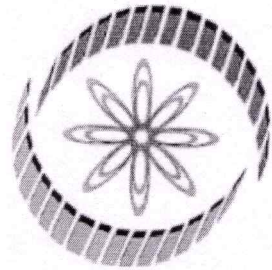


Roll No: NPTEL23MG65S34210046

To validate the certificate



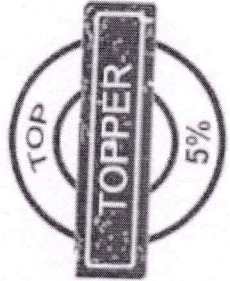
No. of credits recommended: 3 or 4



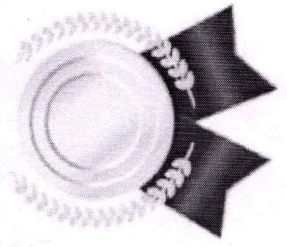
Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
TARUSHI AGARWAL
for successfully completing the course



Financial Accounting

with a consolidated score of **88** %

Online Assignments	19.16/25	Proctored Exam	69/75
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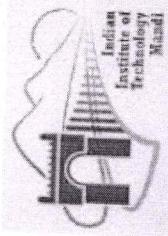
Total number of candidates certified in this course: **538**



Tushar Jain
Prof. Tushar Jain
Centre for Continuing Education
IIT Mandi

Jan-Apr 2023
(12 week course)

Andrew Thangaraj
Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Mandi

Director
Director

Moradabad Institute of Technology
Ram Ganga Vihar, Phase-2
Moradabad

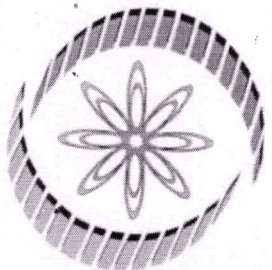
Department of Management
Moradabad Institute of Technology

Roll No: NPTEL23MG6544210128

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

VARDAN KAUSHIK

for successfully completing the course

Essentials of Data Science with R Software - 1: Probability and Statistical Inference

with a consolidated score of **48** %

Online Assignments	13.1/25	Proctored Exam	35.25/75
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Total number of candidates certified in this course: **194**

Ratish

Prof. B. V. Ratish Kumar

Chairman, Centre for Continuing Education
IIT Kanpur



Satyaki

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Jan-Apr 2023

(12 week course)

Cux

Director
Moradabad Institute of Technology
Ram Ganga Vihar, Phase-2
Moradabad

ABD
HOD

Department of Management
Moradabad Institute of Technology

Indian Institute of Technology Kanpur



Oil No: NPTEL23MA39S64210167

To validate the certificate



No. of credits recommended: 3 or 4



MORADABAD INSTITUTE OF TECHNOLOGY

RAM GANGA VIHAR, PHASE-2, MORADABAD- 244001 (U.P.)

Ph. No.: 0591-2452412, 2441121, 2452327, Fax No.: 0591-2452207

E-mail: director@mitmoradabad.edu.in website: mitmoradabad.edu.in


NAAC 'A' & NBA (CSE&ME) Accredited

NPTEL Details (Faculties/Students)

Local Chapter: Moradabad Institute of Technology, (1768)

S.No.	Year	Enrl.	Present	Elite +Gold	Elite+ Silver	Elite	Successfully Completed	Topper
1	Jan-Apr 2023 (Faculty)	69	10		4	3	3	2
	Jan-Apr 2023 (Students)	277	43		4	16	18	1
2	Jul-Dec 2022 (Faculty)	90	18	02	04	06	04	02
	Jul-Dec 2022 (Students)	481	237		30	63	33	04

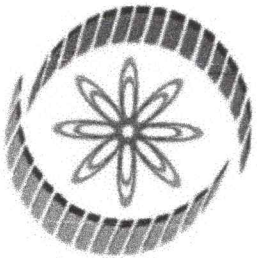
Topper	Topper of 1% to 5% in the course
Elite +Gold	$\geq 90\%$
Elite+ Silver	75% to 89%
Elite	60% to 74%
Successfully Completed	40% to 59%


Dr. Amit Saxena
SPOC NPTEL
(LCID-1768)
MIT Moradabad





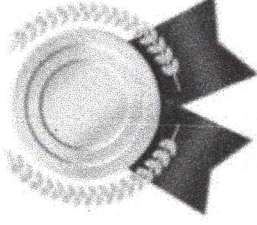
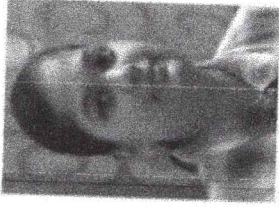

Director
Moradabad Institute of Technology
Ram Ganga Vihar, Phase-2
Moradabad



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

KANISHKA SINGH

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **82** %

Online Assignments	23.53/25	Proctored Exam	58.5/75
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Total number of candidates certified in this course: **14770**

Signature

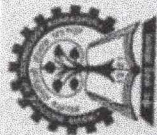
Director
Moradabad Institute of Technology
Ram Ganga Vihar, Phase-2

Signature

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Signature



Indian Institute of Technology Kharagpur

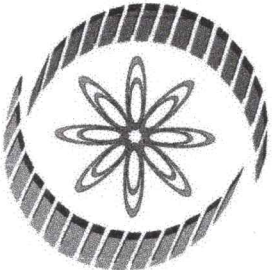


Roll No: NPTEL23CS51S54210070

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

SUJAY CHAUHAN

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **75** %

Online Assignments	24.13/25	Proctored Exam	51/75
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Total number of candidates certified in this course: **7689**

Wahid
 Director
 Moradabad Institute of Technology
 Ram Ganga Vihar, Phase-2
 Moradabad

Jan-Apr 2023
(12 week course)

Debjani

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Wahid

Indian Institute of Technology Kharagpur



No: NPTEL23CS52S44210122

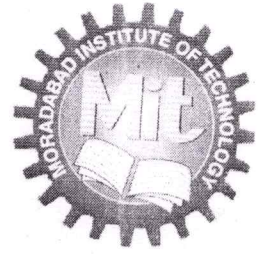
To validate the certificate



No. of credits recommended: 3 or



Spoken Tutorial Project, IIT-Bombay
MORADABAD INSTITUTE OF TECHNOLOGY



Summary of the Student Certifications in Year 2022-23

Student Trainings

S. No.	Date of Conduction	Name of Certification	Branch	No. of participants Appeared in Certification	No. of Participants Pass the Certification
1	09 Nov 2022	Introduction to Computers	1 st Year All Braches	278	262
2	23 Nov 2022	HTML	1 st Year All Braches	188	161
	23 Nov 2022			83	71
3	26 Dec 2022	Python 3.4.3	CSE 3 rd	29	29
4	26 Dec 2022	HTML	CSE 3 rd	3	3
5	27 Dec 2022	Python 3.4.3	AIML 3 rd	5	5
6	26 Dec 2022	HTML	AIML 3 rd	2	2
7	27 Dec 2022	Java	CSE 4 th	6	4

H. Agarwal
 18/12/22
 Dr. Himanshu Agarwal

SPOC- Spoken Tutorial

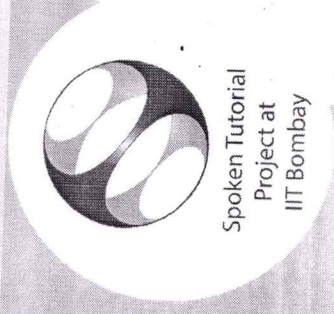


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Director
Moradabad Institute of Technology
 Ram Ganga Vihar, Phase-2
 Moradabad

2:2:1b

Certificate for the Completion of HTML Training



This is to certify that **FIZA ZEHRA** has successfully completed **HTML** test organized at **Moradabad Institute of Technology, Moradabad** by **HIMANSHU AGARWAL** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

Richa Saxena from **Moradabad Institute of Technology, Moradabad** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

Credits: 1 Score: 70.00%

December 26th 2022
Ramesh Chandra
Director
Moradabad Institute of Technology
Ganga Vihar, Phase-2



H. Agarwal
16/12/22
Dr. Himanshu Agarwal
Spoken Tutorial
SPDC - Spoken

Kann Moudgalya
Prof. Kannan M Moudgalya
IIT Bombay

The Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.

Ag



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MORADABAD INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Summary of Industrial Tours

Session 2022-23

S.No.	Industry Visited	Date of Visit	No. of Students
1	Appwars Technologies NOIDA	10.12.2022	49
2	ShapeMySkills	24.12.22	40
3	Electronics Service & Training Center	28.04.2023	42

Vishal Singh
(Vikas Bhaluagan)



Ag

Ag
Director
Moradabad Institute of Technology
Ram Ganga Vihar, Phase-2
Moradabad

Letter of Undertaking for Industrial Tour by Parents/ Guardians

Date 14-12-22

To,

The Director
MIT, Moradabad

Subject: - Submission of "Industrial Tour Undertaking".

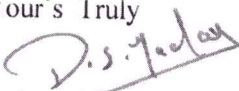
Dear Sir,

We, Mrs. Kamlesh Yadav & Mr. Dharam Veer Singh Yadav..... Parents of Vaibhav Yadav..... Studying in VIIth Semester of Computer Science & Engineering Department of your college, hereby voluntarily submitting the undertaking. We are aware that our son/ daughter is participating in the industrial tour organized by the institute scheduled on 10th of December 2022 to Appwars Technologies Noida sector 2 with our full acceptance.

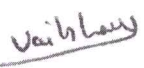
We shall ensure that our son/ daughter shall abide by the college terms and condition and shall obey the instructions of the faculty members who are accompanying the industrial tour.

We also declare and confirm that the college will not be held responsible in the event of any misfortune / accident/ personal injuries involving our son/ daughter and take full responsibility/ of any damage to the property of accident personal injuries to the other person as a result of our son / daughter' negligent act during the period of the tour.

Your's Truly


Father's/ Mother's Signature

Mobile No 8868847734


Student's Signature
Mobile no. 8899987734




Director
Moradabad Institute of Technology
Ram Ganga Vihar, Phase-2
Moradabad

Moradabad Institute of Technology
 Department of Computer Science and Engineering
FEEDBACK: INDUSTRY VISIT

Name: Prateek Singh

Roll No.: 20008201380006

Semester: ✓

Visit Date:

Name of Industry: APPWARS

For each of the following question, please select () your ratings (level of experience). Higher the score better the perception/experience.

S.No.	Parameters	Poor (1)	Good (2)	Very Good (3)	Excellent (4)
1.	Technical Aspect covered during visit		✓		
2.	Whether practical aspects were covered during visit?			✓	
3.	Hospitality received during visit.		✓		
4.	Knowledge gained			✓	
5.	Do you suggest this visit should continue for your junior in coming years?				✓

Any Suggestions:

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.....

.....

Prateek
 Director
 Moradabad Institute of Technology
 Ram Ganga Vihar, Phase-2
 Moradabad

Prateek
 Student Signature



AAJ