



G.N.I.E.T., Nagpur

Metric No.1.2.1

Number of certificate/Value added courses offered and online courses of MOOCs, SWAYAM, and NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)

**GURU NANAK INSTITUTE OF ENGINEERING
& TECHNOLOGY, Nagpur**

Self-Study Report

GURU NANAK INSTITUTE OF ENGINEERING & TECHNOLOGY

APPROVED BY AICTE, DTE & AFFILIATED TO RTM NAGPUR UNIVERSITY, NAGPUR

Dahegaon, Opp. IOC Petrol Pump, Kalmeshwar Road, Nagpur – 441501 Ph. 07118-661400

Website: www.gniet.ac.in Email: gnietnagpur@gmail.com



1.2.1 Number of Add on Programs / Certificate /Value added courses offered during last Five years

Sr. No.	Parameter	Year	Link
1	List of students and Attendance sheet	2022-23	VIEW DOCUMENTS
		2021-22	VIEW DOCUMENTS
		2020-21	VIEW DOCUMENTS
		2019-20	VIEW DOCUMENTS
		2018-19	VIEW DOCUMENTS
2	Institutional programme Brochure/Notice of Certificate /Add on Program with course modules and outcomes	2022-23	VIEW DOCUMENTS
		2021-22	VIEW DOCUMENTS
		2020-21	VIEW DOCUMENTS
		2019-20	VIEW DOCUMENTS
		2018-19	VIEW DOCUMENTS
3	Certificates of Completion as Evidence of Course Completion Certificate	2022-23	VIEW DOCUMENTS
		2021-22	VIEW DOCUMENTS
		2020-21	VIEW DOCUMENTS
		2019-20	VIEW DOCUMENTS
		2018-19	VIEW DOCUMENTS



Add-on Course

ARM Processor architecture and Programming

Organized By: Department of Computer Science and Engineering

(2022-2023)

Dates from: 16-08-2022 to 21-08-2022

(06 Days, 05 Hrs per day, total 30 Hrs.)

(Timing: 10:00 am to 1:00 pm & 2:30 pm to 4:30 pm)

Sr.No	Course Coordinator	Resource person
1	Prof. Shubhangi Ghadinkar Assistant Professor Department of CSE, GNIET, Nagpur	Dr. Balram Timande Associate Professor, TGPCET, Nagpur 9179985939 Email: balram.eee@tgpceet.com

Participants

Students of 5th & 7th Semester



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Nagpur - 441501




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Guru Nanak Institutions, Nagpur

 **GNIET** **GURU NANAK INSTITUTE OF
ENGINEERING & TECHNOLOGY** 

Dahegaon Kalmeshwar Road, Nagpur

Department of Computer Science and Engineering 
Organizing

**ARM Processor architecture and
Programming**

Date: 16-08-2022 to 21-08-2022
(06 Days, 05 Hrs per day, total 30 Hrs.)
(Timing: 10:00 am to 1:00 pm & 2:30 pm to 4:30 pm)

Resource Person: Dr. Balram Timande
Associate Professor, TGPCET, Nagpur
Phone: 9179985939; Email: balram.ece@tgpceet.com

Prof. Vijaya Kamble HOD (CSE)	Prof. Rajendra Bhombe Vice-Principal	Dr. Hemant Hajare Principal
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Brief Report On

Add-on Course: ARM Processor architecture and Programming.

The one week Add-on course on ARM Processor architecture and Programming, was organized by Department of Computer Science and Engineering for Students of B. Tech. 5th (CBCS) and B.E.7th (CBS) CSE. The Add-on course was organized for the period of 30 hours starting from date: 16-08-2022 to 21-08-2022. Timing for the classes and Hands on was 10:00 am to 1:00 pm & 2:30 pm to 4:30 pm. 05 hours per day (Total Course hours = 30 Hrs). The Add-on course was fully free of cost. Total 78 students have participated and completed Add-on course successfully. The resource person for the course was Dr. Balram Timande, balram.ece@tgpceet.com, 9179985939

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GURU NANAK INSTITUTE OF ENGINEERING & TECHNOLOGY

Dabegaon, Kalmeshwar Road, Nagpur-441 501

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Department of Computer Science & Engineering

GNIET/CSE/23-24/

Date: 08/08/2022

-:Notice:-

As per the guidelines of higher authorities and IQAC cell, Department of Computer Science and Engineering is organizing 30 hrs. (One week) add-on course " ARM processor architecture and Programming" from date 16-08-2022 to 21-08-2022. Timing for the classes and Hands on will be 10:00 am to 1:00 pm & 2:30 pm to 4:30 pm. (05 hours per day; total hours = 30 Hrs). All the students of 5th and 7th semesters having a good attendance record in current as well as previous semester are eligible to participate. All the interested students are requested to register their names to Department Head before date of commencement of course. The Add-on course is fully free of cost

HOD (CSE)
Head of Department
Computer Science & Engineering
GNIET, Dabegaon, Nagpur

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2. Principal GNIET
3. Vice-Principal GNIET
4. Notice board & Office copy.

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Course Objective and Outcomes:

Course Objectives The main objective of the Add-on courses was

1. To impart additional knowledge about new technologies either partially or fully so that students become skilled and employable.
2. To offer conceptual knowledge of 32-bit Processor, ARM Architecture CortexM0.
3. To make the students skilled in RISC processor programming.
4. To make students confident so that they can communicate their knowledge effectively.
5. To make them aware of ethical, societal and environmental issues so that they can provide solutions to fulfill needs of society and have positive impact on environment as well as take care of ethics.

Course Outcomes:

After completion of the course students will be able to;

CO-1 Explain the needs of new technology for the growth of society as well as Nation.

CO-2 Discuss and Illustrate concepts of 32 bit RISC processor. And able to explain internal architecture of ARM processor.

CO-3 Analyze the data acquired from the surrounding with the help of programming.

CO-4 Communicate their knowledge with peoples who directly or indirectly connected with the solution they provide.

CO-5 Design or create the solution that will be useful for the society with taking care of environmental and ethical issues.

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Course Mapping with POs and PSOs:

PO & PSO->	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12	PSO-1	PSO-2
CO-1	2	2	1	1	0	1	1	0	2	3	0	2	2	2
CO-2	2	3	2	3	0	1	0	0	2	2	0	2	3	2
CO-3	2	3	2	3	3	1	0	0	3	2	0	2	3	2
CO-4	2	1	3	3	0	3	3	3	2	3	3	2	2	3
CO-5	2	2	3	2	3	3	3	3	3	3	3	2	2	3
Avg POs	2	2.2	2.2	2.4	1.2	1.8	1.4	1.2	2.4	2.6	1.2	2	2.4	2.4
% PO/PSO attainment	66.7 %	73.3 %	73.3 %	80.0 %	40.0 %	60.0 %	45.7 %	40.0%	80.0%	86.7%	40.0%	66.7%	80.0%	80.0%

PO-1	Engineering knowledge	Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
PO-2	Problem analysis	Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
PO-3	Design/ development of solutions	Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
PO-4	Conduct investigations of complex problems	Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
PO-5	Modern tool usage	Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

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PO-6	The engineer and society	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
PO-7	Environment and sustainability	Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO-8	Ethics	Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO-9	Individual and teamwork	Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO-10	Communication	Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
PO-11	Project management and finance	Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
PO-12	Life-long learning	Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

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Course content:

- 1) **Introduction to 32 bit Microcontroller**
 - Importance of 32-bit Microcontrollers
 - Introduction to ARM
 - Difference between ARM & MIPS
 - Brief description of ARM Family Microcontrollers
 - Introduction to ARM Cortex M Series
- 2) **Architecture of STM32F0XXX**
 - Pin Diagram
 - Memory Organization
 - SFRs description
 - Program Counter
 - Accumulator (or Working Register)
 - Reset
 - Clock Cycle, Machine Cycle, Instruction Cycle
 - Interrupts
 - SFRs & GPRs
 - Stack, Stack Pointer, Stack Operation
 - General Purpose Input-Output PORTs
 - Timers
 - Analog to Digital Convertors
 - USART
 - EEPROM
 - Device Protection features – Watchdog Timer, BOR, Power up Timer
- 3) **KEIL V3**
 - Introduction to Keil IDE
 - Making Project on Keil IDE
 - Compiling a Sample Program to Understand Process
- 4) **Embedded C Programming of GPIO of STM32Fxxx Controller**
 - LED Interfacing with Microcontroller
 - LED Patterns programming
 - Interfacing of Switches with Microcontroller
 - Switches Programming
 - Interfacing of SSD with Microcontroller
 - Programming concept of SSD


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- Different SSD Programs
- Interfacing of Character LCD with Microcontroller
- Description of Character LCD Commands
- Programming Concept of Character LCD
- Practice of Character LCD Programs
- Introduction to STM32Fxxx internal ADC and its SFRs
- Programming Concept of ADC
- Practice of Different ADC Programs
- Programming Concept of DAC
- Practice of Different DAC Programs
- Introduction to UART and its SFRs
- Programming concept of Serial Transmitter & Receiver using UART
- Practice of UART Programs
- Description to NVIC Interrupt Logic Diagram of STM32Fxxx
- Introduction to SFRs related to Interrupts
- Programming Concept of Interrupts
- Practice of Interrupt Programs

Daily Schedule:

From Date: 16-08-2022 to 21-08-2022

Day-1: Introduction to embedded systems and microcontrollers Instruction set architecture of ARM microcontroller, and assembly language programming.

Day-2: D/A and A/D converter, sensors, actuators and their interfacing and programming.

Day-3: Microcontroller development boards and embedded programming platforms

Hands-on and demonstration: Temperature sensing unit, Light sensing unit, Sound sensing unit

Day-4: Hands-on and demonstration II: Feedback control system, relay control unit, driving electrical appliances like motors, bulb, pump, etc.

Day-5: Hands-on and demonstration III: Object tracking using GPS and GSM

Day-6: Hands-on and demonstration IV: Introduction to Internet of Things, smart home concepts, motion sensing using accelerometer, control of appliances over SMS

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Glimpses:




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Feedback on Certificate course

Dear participants,

We shall very much appreciate you if you fill up this feedback form. It will help us to improve the Institute further and give better engineers in future for the growth of the nation. Tick the number that best describes your level of satisfaction at each question: 1 - Poor, 2 - average, 3 - Good, 4 - Very Good, 5 - Excellent.

Course Coordinator:

Prof. Shubhangi Chadinkar
Assistant Professor
Department of CSE, ONET, Nagpur

* Required

1. What is your Branch? **

Mark only one oval

- CSE
 Other

2. Name of Certificate Course *

3. Has the teacher covered full Syllabus prescribed in Certificate Course? *

Mark only one oval

- YES
 No

4. Are you satisfied with the content? *

Mark only one oval

- YES
 No

5. How do you rate technical Content in syllabus? (5-Excellent, 4-Very Good, 3-Good, 2-Average, 1-Below Average): *

Mark only one oval

- 1 2 3 4 5

6. How do you rate technical knowledge of Teacher? *

Mark only one oval

- 1 2 3 4 5

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7. How do you rate cooperation from teacher to Solve Individual doubts? *
Mark only one oval.

1 2 3 4 5

8. How do you rate Practical Session? *
Mark only one oval.

1 2 3 4 5

9. How do you rate Internet Facility? *
Mark only one oval.

1 2 3 4 5

10. How do you rate Library Facility? *
Mark only one oval.

1 2 3 4 5

11. How do you rate on overall effectiveness of certificate course? *
Mark only one oval.

1 2 3 4 5

12. Suggestions if any.

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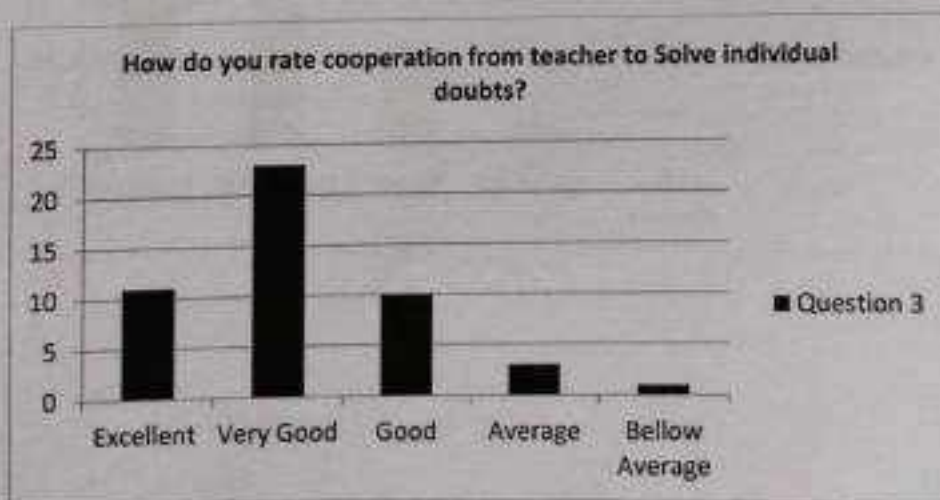
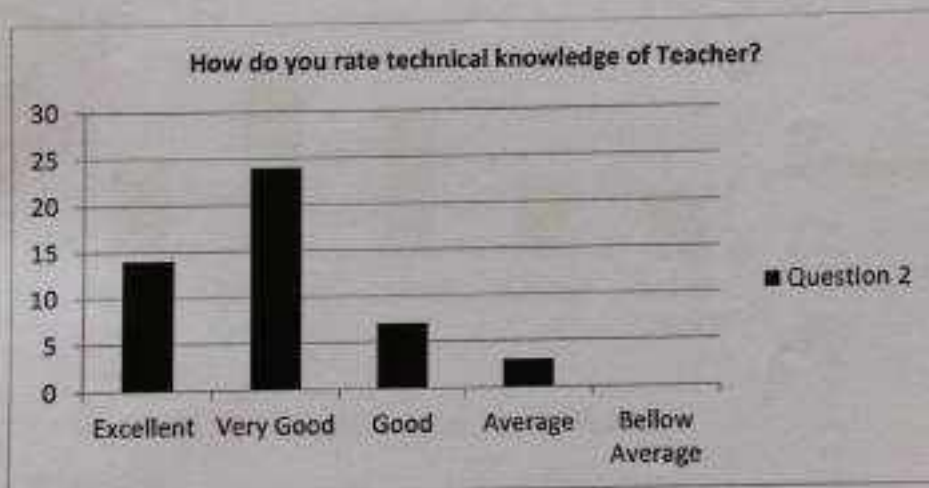
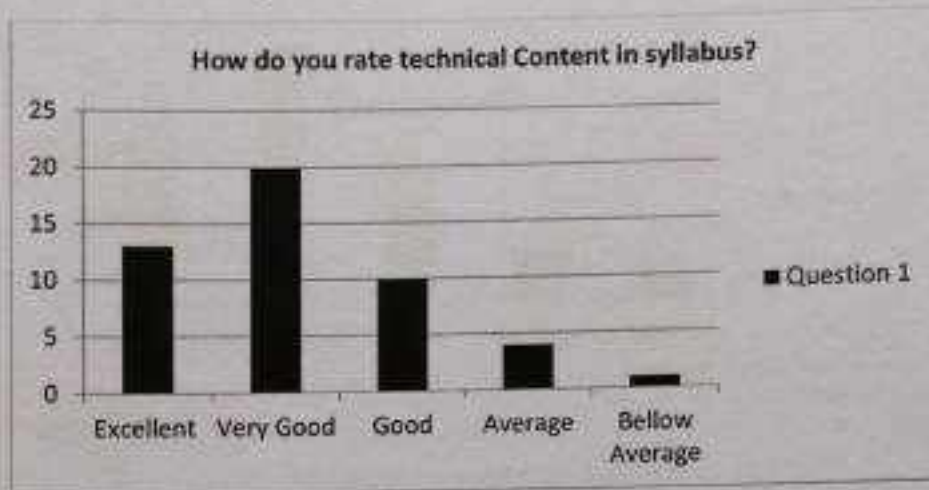


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Feedback taken using Google form and analysis done on rating given



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**MCQ TEST ON
ARM Processor architecture and Programming
Question Paper**

Note: Attempt all 30 Questions. Each Question carry 01 Mark (MAX 30 Marks). Max Time – 01 Hr. Tick the correct answer. No negative marking.

1). What is the standard form of ARM?

- Advanced RISC Machine
- Automatic RISC Machine
- Automatic RISC Motor
- None of the above

2). How many instruction sets does ARM have?

- One
- Two
- Three
- Four

3). How many registers does ARM have?

- Four
- Eight
- Sixteen
- Thirty-seven

4). How many operating modes does ARM have?

- Four
- Seven
- Sixteen
- Thirty-seven

5). When the processor is executing in ARM state, then all instructions are _____ wide


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Report

on

Add-on Course

Microcontroller MCS-51 architecture and Programming

Organized By: Department of Computer Science and Engineering

(2022-2023)

Dates from: 27-02-2023 to 04-03-2023

(06 Days, 05 Hrs per day, total 30 Hrs.)

(Timing: 10:00 am to 1:00 pm & 2:30 pm to 4:30 pm)

Sr.No	Course Coordinator	Resource person
1	Prof. Shubhangi Ghadinkar Assistant Professor Department of CSE, GNIET, Nagpur	Dr. Balram Timande Associate Professor, Department of ETE, GNIET, Nagpur. Ph. 9179985939 Email: balramtimande@gmail.com

Report Prepared by:

Prof. Shubhangi Ghadinkar

Submitted to

IQAC, GNIET, NAGPUR

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**GURU NANAK INSTITUTE OF
ENGINEERING AND
TECHNOLOGY**

KALMESHWAR ROAD, NAGPUR, M.S.

Department of Computer
Science and Engineering

Organizing

**One Week Add-on Course
on
Microcontroller MCS-51
architecture and Programming**

Date:
From: 27-Feb-24 to 04-03-24
(06 Days, 05 Hrs per day, total 30 Hrs.)
(Timing: 10:00 am to 1:00 pm & 2:30 pm to 4:30 pm)

Course Co-Ordinator: Prof. Shubhangi Ghadinkar

Dr. Balram Timande
HOD (CSE)

Dr. Hemant Hajare
Principal

Prof. Rajendra Bhombe
Vice-Principal

Principal
Guru Nanak Institute of
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Dahegaon, Kalmeshwar Road, Nagpur-441 501

(NAAC Accredited)

Department of Computer Science and Engineering

Date: 20-02-2023

-: Notice:-

For the skill development and quality engineering education Internal Quality Assurance Cell (IQAC) have suggested to organize Add-on courses based on new technologies for minimum of 30Hrs. With this reference, Department of Computer Science and Engineering has decided to organize 30 hrs Add-on course on: "*Microcontroller MCS-51 architecture and Programming.*" from date 27-02-2023 to 04-03-2023. The Add-on course is free of cost for the students of CSE departments.

Resource person details:

Dr. Balram Timande

Associate Professor, Department of ETE, GNIET, Nagpur

Ph. 9179985939

Email: balramtimande@gmail.com

Course Coordinator:

Prof. Shubhangi Ghadinkar

Assistant Professor

Department of CSE, GNIET, Nagpur

HOD (CSE)

: For circulation among Students.

- Cc:
1. Principal (for Information only)
 2. Vice Principal (for Information only)
 3. IQAC.

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Dahegaon, Kalmeshwar Road, Nagpur-441 501

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Department of Computer Science and Engineering

Date: 20-02-2023

-:Notice:-

All the students of 4th, 6th & 8th semester are hereby informed that department of CSE has decided to conduct the Add-on course for 30 Hours from Date: 27-02-2023 to 04-03-2023. All the interested students are requested to register their name to respective class teachers. Note that the Add-on course is free of cost for all the registered students of the departments. To get the certificate (Soft Copy) of Add-on course attendance in Add-on course should not be less than 80%.

Name of the Add-on course: *Microcontroller MCS-51 architecture and Programming.*
Resource person details:

Resource person details:

Dr. Balram Timande

Associate Professor, Department of ETE, GNIET, Nagpur

Ph. 9179985939

Email: balramtimande@gmail.com

HOD (CSE)

: For circulation among Students.

- Cc:
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 2. Vice Principal (for Information only)
 3. IQAC.
 4. For Circulation among students
 5. Notice Board.

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Brief Report On

Add-on Course: Microcontroller MCS-51 architecture and Programming.

The one week Add-on course on Microcontroller MCS-51 architecture and Programming, was organized by Department of Computer Science and Engineering for Students of B. Tech. 4th and 6th (CBCS) CSE. The Add-on course was organized for the period of 30 hours starting from date: 27-02-2023 to 04-03-2023. Timing for the classes and Hands on was 10:00 am to 1:00 pm & 2:30 pm to 4:30 pm. 05 hours per day (Total Course hours = 30 Hrs). The Add-on course was fully free of cost. Total 80 students have participated and completed Add-on course successfully. The resource person for the whole course was **Dr. Balram Timande**, balramtimande@gmail.com, 9179985939

Course Objective and Outcomes:

Course Objective:

- Study the architecture and addressing modes of 8051.
- Impart knowledge about assembly language programs of 8051.
- Helps to understand the importance of different peripheral devices & their interfacing to 8051.
- Impart knowledge of different types of external interfaces including LEDS, LCD, Keypad Matrix, Switches & Seven segment display.

Course Outcomes: after completion of the course students will be able to;

CO-1: Describe each functional blocks of internal architecture of 8051 Microcontroller.

CO-2: Analyze problems and find solution using assembly language programming and embedded C programming.

CO-3: Demonstrate architecture and functions of different peripherals.

CO-4: Design and develops different types of embedded systems using Microcontroller 8051 and Peripherals.

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Course Mapping with POs and PSOs:

PO & PSO->	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12	PSO-1	PSO-2
CO-1	2	2	1	1	0	1	1	0	2	3	0	2	2	2
CO-2	2	3	2	3	0	1	0	0	2	2	0	2	3	2
CO-3	2	2	2	3	3	1	0	0	3	2	0	2	3	2
CO-4	3	1	3	3	0	3	3	2	2	3	3	2	2	3
CO-5	3	2	3	2	3	3	3	2	3	3	3	2	2	3
Avg POs	2.2	2.1	2.2	2.4	1.2	1.8	1.4	2.0	2.4	2.6	1.2	2	2.4	2.4
% PO/PSO attainment	66.7 %	73.3 %	73.3 %	80.0 %	40.0 %	60.0 %	46.7 %	40.0%	80.0%	86.7%	40.0%	66.7%	80.0%	80.0%

PO-1	Engineering knowledge	Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
PO-2	Problem analysis	Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
PO-3	Design/ development of solutions	Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
PO-4	Conduct investigations of complex problems	Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
PO-5	Modern tool usage	Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

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GURU NANAK INSTITUTE OF ENGINEERING & TECHNOLOGY



APPROVED BY AICTE, DTE & AFFILIATED TO RTM NAGPUR UNIVERSITY, NAGPUR

Dahegaon, Opp. IOC Petrol Pump, Kalmeshwar Road, Nagpur - 441501 Ph. 07118-661400

Website: www.gniet.ac.in Email: gnietnagpur@gmail.com

Course Content:

- **Embedded Systems:** Introduction to an Embedded Systems, Defining the Embedded System, Real Life Examples of Embedded Systems, and Basics of Developing for Embedded Systems, Embedded design challenges and development issues.
- **8051 Processor Architecture and Instruction Set:** Registers of 8051, Inbuilt RAM, Register banks, stack, on-chip and external program code memory ROM, power reset and clocking circuits, I/O port structure, Addressing modes, Instruction set and programming.
- **Counter/Timer and Interrupts of 8051:** Introduction, Registers of timer/counter, Different modes of timer/counter, Timer/counter programming, Interrupt Vs Polling, Types of interrupts and vector addresses, register used for interrupts initialization, programming of external interrupts, Timer interrupts.
- **Asynchronous Serial Communication and Programming:** Introduction to serial communication, Data Programming, RS232 standard, Max 232/233 Driver.
- **Interfacing with 8051:** Interfacing and programming of: ADC (0804,0808/0809,0848) & DAC (0808), stepper motor, 4x4 keyboard matrix, Relays, LED and Seven segment display, LCD, Interfacing(only) of different types of Memory, Address decoding techniques

Schedule of Classes and Hands-on:

Daily Schedule:

From Date: 27-02-2023 to 04-03-2023

Sr. No.	Day/Date	Topic
1	Day 1	Introduction to Embedded System
		Architecture of 8051
		Pin diagram Of 8051
2	Day 2	Register function and RAM detail
		Instruction set and programming
		Instruction set and programming

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Dahegaon, Opp. IOC Petrol Pump, Kalmeshwar Road, Nagpur - 441501 Ph. 07118-661400

Website: www.gniet.ac.in Email: gnietnagpur@gmail.com



3	Day 3	Instruction set and programming
		Programming using embedded C
		Timer function, different mode of operation and application
4	Day 4	Timer programming Using C
		UART function in 8051, Serial communication application
		Serial programming using C
5	Day 5	Interrupt Application and programming using C
		Memory and IO interfacing.
		Interfacing and programming of: ADC 0808/0809
6	Day 6	Interfacing and programming of: DAC 0808
		stepper motor , 4x4 keyboard matrix
		Relays, LED and Seven segment display, LCD Interfacing

Glimpses:



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Date: 21/12/2022

NOTICE


All the Students of VI semester B.Tech. of Electronics & Telecommunication Engineering are hereby informed that the department is organizing a short-term course on "Exploring the Applications of Artificial Intelligence in Wireless Technologies" from 09/01/2023 to 13/01/2023. The schedule along with all other details of this course is given in the brochure. All interested students must register for the same from 26th to 30th Dec 2022. For registrations contact the course coordinator PROF. DEEPAK DESHPANDE, Electronics & Telecommunication Department.


Dr. Sushama Telrandhe
HOD ETC

Head of Department
Electronics & Telecommunication Engg
Griet Dahegon Nagpur

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- 2) Circulation Among the Student's Whats Appgroup
- 3) Head T&P
- 4) Principal for Information


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5 days Online/Offline Course on

"EXPLORING THE APPLICATIONS OF ARTIFICIAL INTELLIGENCE IN WIRELESS TECHNOLOGIES"

REGISTRATION FORM

Name:

Branch:

Roll No.:

Contact No.:

Email Id:

Amount(Rs):

Signature of Applicant:

Date & Place:

Signature of Co-Ordinator

Signature & Seal of HoD ETC

PATRONS

Sardar Navneet Singh Tuli, CMD,
GNI, Nagpur

Mrs. Tanpreet Kaur Tuli, MD,
GNI, Nagpur

ADVISORY COMMITTEE

Dr. Hemant Hajare, Principal, GNIET,
Nagpur

Mr. R. M. Bhombhe, Vice-Principal
HOD Electrical GNIET, Nagpur

Dr. Sushama Telrandhe, HOD
ETC GNIET, Nagpur

CO-ORDINATOR

Mr. Deepak Deshpande
Asst.Prof.ETC Email Id:
deepakdeshpande3d@gmail.com

ORGANIZING COMMITTEE

Mr. Sandeep Buradkar, Asst.Prof.
ETC Email Id:
sburadkar@rediffmail.com

Ms. Soniya Milmile, Asst.Prof. ETC
Email Id: soniyamilmile4@gmail.com

ADDRESS FOR CORRESPONDENCE:

Department of Electronics &
Telecommunication Engineering Guru Nanak
Institute of Engg. & Tech, Kalmeshwar Road,
Near Radha Swami Satsang, Dabegaon,
Nagpur, Maharashtra 441501

GURU NANAKINSTITUTE OF
ENGINEERING & TECHNOLOGY,
NAGPUR



5 days Online/Offline course on

"EXPLORING THE APPLICATIONS OF
ARTIFICIAL INTELLIGENCE IN
WIRELESS TECHNOLOGIES"

09/01/2023 TO 13/01/2023



Organized by

DEPARTMENT OF
ELECTRONICS &
TELECOMMUNICATION
ENGINEERING, GNIET,
NAGPUR

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Guru Nanak Institute of
Engineering & Technology
Nagpur - 441501

REGISTRATION:

Registration can be made in advance by remitting the registration fee as indicated below along with the registration form. For registration contact Mr. Sandeep Buradkar, Asst. Prof. ETC.

REGISTRATION FEE:

Registration fees for students of GNIET are 500/-.

IMPORTANT DATES:

Registration starts 26/12/2022

Last date to Registration: 30/12/2022

SCHEMULE:

Duration of course is 30 hrs, which will be covered in one week from 09/01/2023 to 13/01/2023. The schedule during the course is divided into three sessions per day as follows:

Session I- 9:00 am to 11:45 p.m

Tea Break - 11:00 am to 11:45 am

Session II- 1:45 am to 1:15 p.m

Lunch Break- 1:15 p.m. to 2:00 p.m.

Session III- 2:00 p.m to 4:00 p.m

Mode:

Online/Offline

ELIGIBILITY

Students of VI Semester/III Yr. are eligible to attend the training.

IMPORTANT NOTE

✓ All interested students should register before the last date of registration.

✓ Students should join google meet before the timeline key will be provided on the WhatsApp group.

ABOUT THE COURSE

The course explores how Artificial Intelligence enhances wireless technology. Learn network optimization, security, and IoT resource allocation. Discover AI's role in predictive maintenance, smart antennas, and 5G/6G networks. Perfect for those curious about the future of wireless communications.

The course explores how Artificial Intelligence enhances wireless tech. Learn network optimization, security, and more to create efficient, smart wireless systems. Perfect for tech enthusiasts aiming to shape the future of wireless communication.

OBJECTIVE

The objectives of course are:

1. Knowledge of AI's Role in Wireless Networks.
2. Familiarity with 5G and Future Wireless Technologies

OUR TRAINER

1. Dr. Sushama Telrandhe HoD, ETC

2. Prof. Deepak Deshpande Asst. prof. ETC

3. Prof. Sandeep Buradkar Asst. Prof. ETC

TOPIC COVERAGE

- Understanding AI and its Components
- Basics of Wireless Communication
- Convergence of AI and Wireless: Opportunities and Challenges
- AI-based Network Optimization
- Self-Healing Networks Using AI
- Predictive Maintenance in Wireless Infrastructure
- AI-based Network Optimization
- Self-Healing Networks Using AI
- Predictive Maintenance in Wireless Infrastructure
- AI-driven 5G Network Development
- Future Wireless Technologies and AI Integration
- Enabling Ultra-Reliable Low-Latency Communication (URLLC) with AI
- Threat Detection and Prevention with AI
- Biometric Wireless Security using AI
- Ensuring Privacy in AI-powered Wireless Systems
- Ethical Issues in AI and Wireless
- Responsible AI Practices
- Emerging Trends and Speculations on the Future.
- AI's role in this era

COURSE ON EXPLORING THE APPLICATIONS OF ARTIFICIAL INTELLIGENCE IN WIRELESS TECHNOLOGIES

COURSE OVERVIEW:

The rapid advancement of artificial intelligence (AI) and wireless technologies has led to groundbreaking innovations in various fields. This comprehensive workshop spanning 30 to 35 hours will delve deep into the intersection of AI and wireless technologies, exploring their applications, challenges, and future potentials. Participants will gain a solid understanding of how AI is revolutionizing the wireless landscape, paving the way for smarter, more efficient, and interconnected systems.

COURSE OBJECTIVES

The objectives of the workshop are:

1. **Understand the Basics:** Lay the foundation by covering fundamental concepts of both artificial intelligence and wireless technologies.
2. **AI in Wireless Networks:** Explore how AI is transforming wireless networks, including optimization, self-healing networks, and predictive maintenance.
3. **Wireless Sensing and IoT:** Discuss the role of AI in enhancing wireless sensing applications and enabling the Internet of Things (IoT) ecosystem.
4. **5G and Beyond:** Examine how AI contributes to the development and optimization of 5G networks and upcoming wireless technologies.
5. **Machine Learning in Signal Processing:** Dive into the integration of machine learning techniques in wireless signal processing for enhanced performance.
6. **AI-Driven Wireless Security:** Explore how AI is being utilized to enhance wireless security mechanisms and threat detection.
7. **Case Studies:** Analyze real-world case studies showcasing successful AI implementation in wireless applications across industries.
8. **Future Trends:** Explore emerging trends and speculate on the future of AI in wireless technologies.

SYLLABUS

DURATION: 30

HOURS

1. Introduction to AI and Wireless Technologies (3 hours)

- Understanding AI and its Components
- Basics of Wireless Communication
- Convergence of AI and Wireless: Opportunities and Challenges

2. AI in Wireless Networks (3 hours)

- AI-based Network Optimization
- Self-Healing Networks Using AI
- Predictive Maintenance in Wireless Infrastructure

3. Wireless Sensing and IoT (6 hours)

- Enhancing Wireless Sensing with AI
- Role of AI in the IoT Ecosystem
- Case Studies: AI-Enabled IoT Applications

4. 5G and Beyond (6 hours)

- AI-driven 5G Network Development
- Future Wireless Technologies and AI Integration
- Enabling Ultra-Reliable Low-Latency Communication (URLLC) with AI

5. AI-Driven Wireless Security (6 hours)

- Threat Detection and Prevention with AI
- Biometric Wireless Security using AI
- Ensuring Privacy in AI-powered Wireless Systems

6. Ethical Considerations and Future Trends (6 hours)

- Ethical Issues in AI and Wireless
- Responsible AI Practices
- Emerging Trends and Speculations on the Future

COURSE OUTCOME

After completing this course,

1. Solid Understanding of AI and Wireless Technologies:

- Participants will have a clear grasp of the fundamentals of artificial intelligence and wireless communication, enabling them to understand the convergence of these two domains.

2. Knowledge of AI's Role in Wireless Networks:

- Participants will comprehend how AI is used to optimize wireless networks, create self-healing systems, and enable predictive maintenance.

3. Insight into Wireless Sensing and IoT:

- Participants will understand how AI enhances wireless sensing and contributes to the development of the Internet of Things (IoT) ecosystem.

4. Familiarity with 5G and Future Wireless Technologies:

- Participants will be acquainted with how AI drives the development of 5G networks and beyond, including ultra-reliable low-latency communication (URLLC) technologies.

5. Understanding AI-Driven Wireless Security:

- Participants will learn about using AI for threat detection, biometric security, and privacy preservation in wireless systems.

6. Ethical Considerations in AI and Wireless:

- Participants will recognize the ethical implications of integrating AI in wireless technologies and will understand responsible practices.

7. Exposure to Real-World Case Studies:

- Participants will have analyzed case studies showcasing successful AI implementations in wireless applications across various industries.

8. Enhanced Problem-Solving Skills:

- Participants will develop enhanced problem-solving skills by applying AI techniques to wireless scenarios.

GURU NANAK INSTITUTE OF ENGINEERING & TECHNOLOGY

Dahagaon, Kalmeshwar Road, Nagpur-441 501.

Department of Electronics & Telecommunication Engineering

Session (2022-23)

**CERTIFICATE COURSE ON EXPLORING THE APPLICATIONS OF
ARTIFICIAL INTELLIGENCE IN WIRELESS TECHNOLOGIES****Time Table**

Date: -02-01-2023

Duration of Course: 30 Hours

Date	Time	Course Contents
09/01/2023	9:30 -10:00	Why AI is trending nowadays?
09/01/2023	10:00-11:30	Understanding AI and its Components
09/01/2023	11:45-1:15	Basics of Wireless Communication
09/01/2023	2:00-4:00	Convergence of AI and Wireless: Opportunities and Challenges
10/01/2023	10:00-11:30	AI-based Network Optimization
10/01/2023	11:45-1:15	Self-Healing Networks Using AI
10/01/2023	2:00-4:00	Predictive Maintenance in Wireless Infrastructure
11/01/2023	10:00-11:30	Enhancing Wireless Sensing with AI
11/01/2023	11:45-1:15	Role of AI in the IoT Ecosystem
11/01/2023	2:00-4:00	Case Studies: AI-Enabled IoT Applications
12/01/2023	10:00-11:30	AI-driven 5G Network Development
12/01/2023	11:45-1:15	Future Wireless Technologies and AI Integration
12/01/2023	2:00-4:00	Enabling Ultra-Reliable Low-Latency Communication (URLLC) with AI
13/01/2023	10:00-11:30	Threat Detection and Prevention with AI
13/01/2023	11:45-1:15	Biometric Wireless Security using AI
13/01/2023	2:00-4:00	Ensuring Privacy in AI-powered Wireless Systems


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Schedule

- Session I- 9:00 am to 11:45p.m
- Tea Break - 11:00 am to 11:45am
- Session II-11:45 am to 1:15p.m
- Lunch Break-1:15 p.m. to 2:00p.m.
- Session III-2:00 p.m to 4:00p.m



Prof. Deepak Deshpande


Principal
Gura Narak Institute of
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MCQ's of Add on Courses on Exploring the Application of Artificial Intelligence in Wireless Technologies

Name of Student: _____

Q1. In how many category processes is Artificial Intelligence classified in?

- a) Depends on the input nature
- b) 5
- c) 2
- d) 3

Q2. Which of the following is the common language for Artificial Intelligence?

- a) Python
- b) Java
- c) Lisp
- d) P

Q3. The "Father of Artificial Intelligence" is:

- a) Alan Turing
- b) Charles Babbage
- c) John McCarthy
- d) None of the above

Q4. What is Artificial intelligence?

- a) Putting your intelligence into Computer
- b) Programming with your own intelligence
- c) Making a Machine intelligent
- d) Putting more memory into Computer

Q5. Computer programs that mimic the way the human brain processes information is called as

- a) Machine Learning
- b) Deep Learning
- c) Neural Networks
- d) None of these

Q6. Which is the most straightforward approach for planning algorithm?

- a) Best-first search
- b) State-space search
- c) Depth-first search
- d) Hill-climbing search

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Q7. What are the different types of Artificial Intelligence approaches?

- a) Strong Approach
- b) Weak Approach
- c) Applied Approach
- d) All of the above

Q8. Decisions of Victory/Defeat are made in Game trees using which algorithm?

- a) DFS
- b) BFS
- c) Heuristic Search
- d) Min/Max Algorithm

Q9. Which of the following architecture are also known as systolic arrays?

- a) MISD
- b) SISD
- c) SIMD
- d) None of the above

Q10. How is a decision reached upon by a decision tree?

- a) No test
- b) Single Test
- c) Double Test
- d) Multiple sequences of tests



MCQ's of Add on Courses on Exploring the Application of Artificial Intelligence in Wireless Technologies

Name of Student: ASHAY RAUT.

Q1. In how many category processes is Artificial Intelligence classified in?

- a) Depends on the input nature
- b) 5
- c) 2
- d) 1

Q2. Which of the following is the common language for Artificial Intelligence?

- a) Python
- b) Java
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- b) Single Test
- c) Double Test
- d) Multiple sequences of tests




Add on Course evaluation Form

Please submit feedback regarding the Add on course you have just completed, including feedback on course structure, content, and instructor.

soniyamilmile4@gmail.com

Switch account

 Not shared



* Indicates required question

Student Name *

Your answer

Contact Number *

Your answer

Email Id

Your answer

Level of effort you put into the course *

- Poor
- Fair
- Satisfactory
- Very Good

Contribution of the course to your skill and knowledge *

Contribution of the course to your skill and knowledge *

- Poor
- Fair
- Satisfactory
- Very Good

Skill and responsiveness of the instructor *

- Poor
- Fair
- Satisfactory
- Very Good

Course content was organized and well planned *

- Poor
- Fair

Course content was organized and well planned *

- Poor
- Fair
- Satisfactory
- Very Good

What aspects of this course were most useful or valuable? *

Your answer

Any other comments or suggestions? Please share them below

Your answer

Submit

Clear form

Never submit passwords through Google Forms.


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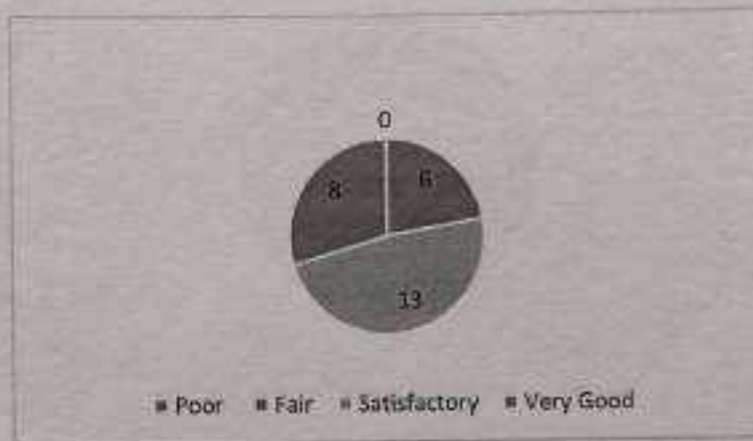


**Department of Electronics & Telecommunication Engineering
Session (2022-23)**

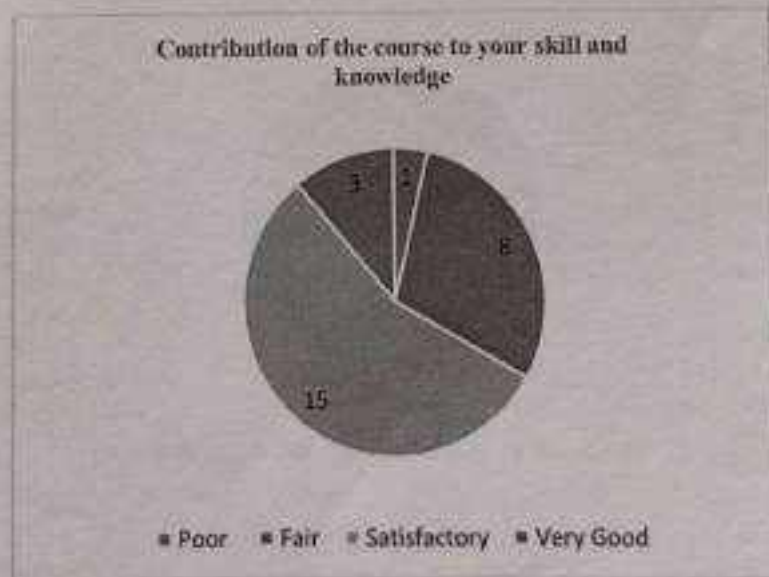
Feedback Analysis of Add on Courses on Exploring the Application of Artificial Intelligence in Wireless Technologies

Total No. of Students 27

1. Level of effort you put into the course



2. Contribution of the course to your skill and knowledge

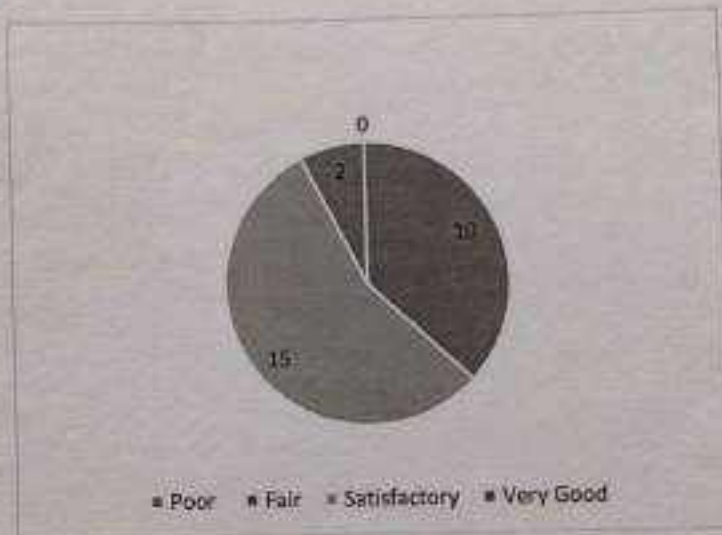


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**Department of Electronics & Telecommunication Engineering
Session (2022-23)**

3. Skill and responsiveness of the instructor



4. Course content was organized and well planned

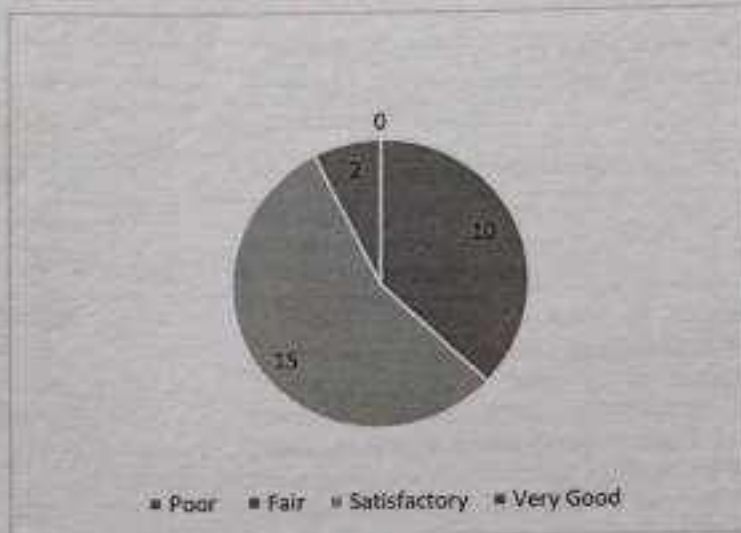


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**Department of Electronics & Telecommunication Engineering
Session (2022-23)**

3. Skill and responsiveness of the instructor



4. Course content was organized and well planned




 Department of Electronics & Telecommunication Engineering
 Session (2022-23)

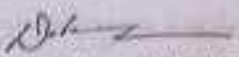
**REPORT ON EXPLORING THE APPLICATIONS OF ARTIFICIAL INTELLIGENCE
IN WIRELESS TECHNOLOGIES**

1	Course Title	EXPLORING THE APPLICATIONS OF ARTIFICIAL INTELLIGENCE IN WIRELESS TECHNOLOGIES
2	Course Schedule	09/01/23 to 13/01/23
3	Course Venue	Seminar room and Department of ETC
4	Name of Coordinator	Prof. Deepak Deshpande
5	No. Of students Participated	27
6	Course Objective	To study the basic foundation by covering fundamental concepts of both artificial intelligence and wireless technologies. AI in Wireless Networks: Explore how AI is transforming wireless networks, including optimization, self-healing networks, and predictive maintenance. Wireless Sensing and IoT. Discuss the role of AI in enhancing wireless sensing applications and enabling the Internet of Things (IoT) ecosystem. 5G and Beyond Examine how AI contributes to the development and optimization of 5G networks and upcoming wireless technologies. Future Trends: Explore emerging trends and speculate on the future of AI in wireless technologies
7	Course Outcome	Solid Understanding of AI and Wireless Technologies: Participants will have a clear grasp of the fundamentals of artificial intelligence and wireless communication, enabling them to understand the convergence of these two domains. 2. Knowledge of AI's Role in Wireless Networks: Participants will comprehend how AI is used to optimize wireless networks, create self-healing systems, and enable predictive maintenance. Insight into Wireless Sensing and IoT: Participants will understand how AI enhances wireless sensing and contributes to the development of the Internet of Things (IoT) ecosystem. Familiarity with 5G and Future Wireless Technologies:

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Students attended Add on courses on Exploring the application of Artificial Intelligence in wireless technology from 9/1/23 to 13/1/23


Prof. Deepak Deshpande
 Program Coordinator


Dr. Sushama Telrandhe
 HOD, ETC
 Head of Department
Electronics & Telecommunication Engg
 Gniet Dahanu Nagpur


Dr. Hemant Hajare
 Principal GNIET


Principal
Guru Nanak Institute of
Engineering & Technology
 Nagpur - 461011

**GURU NANAK INSTITUTE OF ENGINEERING &
TECHNOLOGY**

Dahegaon, Kalmeshwar Road, Nagpur-441 501
DEPARTMENT OF ELECTRICAL ENGINEERING

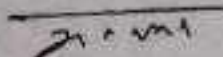
EE

22-23

Date: 21/12/2022


NOTICE

All the Students of VII semester B.E. of Electrical Engineering are hereby informed that department is organizing a short term course on "Applications of MATLAB in Electrical Engineering" from 28/12/2022 to 02/01/2023. The schedule along with all other details of this course is given in the brochure. All the interested students must register for the same from 22nd to 26th May, 2022. For registration contact to the course coordinator Mr. Akshay Pillewan , Assistant Professor, Electrical Engineering Department.


Mr. R. M. Bhombe
HOD EE

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Nagpur - 441 501

One Week Online Course on

"APPLICATIONS OF MATLAB IN ELECTRICAL ENGINEERING"

REGISTRATION FORM

Name: _____

Branch: _____

Roll No.: _____

Contact No.: _____

Email Id: _____

Amount (Rs): _____

Signature of Applicant: _____

Date & Place: _____

Signature of Co-Ordinator _____

Signature & Seal of HoD EE _____

PATRONS

Sardar Navneet Singh Tuli, CMD, GNI,
Nagpur

Mrs. Tanpreet Kaur Tuli, MD, GNI,
Nagpur

ADVISORY COMMITTEE

Dr. Sanjeev Shrivastava, Principal,
GNIET, Nagpur

Mr. R. M. Bhombhe, HOD Electrical
GNIET, Nagpur

CO-ORDINATOR

Mr. Yogesh Likhari, Asst. Prof. EE
Email Id: ymlkhari@gmail.com

ORGANIZING COMMITTEE

Ms. Diksha Khare, Asst. Prof. EE
Email Id: dipavali_786@ymhoo.co.in

ADDRESS FOR CORRESPONDENCE:

Department of Electrical Engineering
Guru Nanak Institute of Engg. & Tech.
Kalmeshwar Road, Near Radha Swami
Satsang, Dahegaon, Nagpur, Maharashtra
441501

GURU NANAK INSTITUTE OF
ENGINEERING & TECHNOLOGY,
NAGPUR



One Week Course on

"APPLICATIONS OF MATLAB IN ELECTRICAL ENGINEERING"

28/12/2022 TO 02/01/2023



Organized by

DEPARTMENT OF
ELECTRICAL
ENGINEERING,
GNIET, NAGPUR

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Engineering & Technology
Nagpur - 441501

REGISTRATION:

Registration can be made in advance by remitting the registration fee as indicated below along with the registration form. For registration contact to Mr. Yogesh Likhar, Asst. Prof. EE.

REGISTRATION FEE:

Registration fees for students of GNIET is 500/-.

IMPORTANT DATES:

Registration starts : 22/12/2022
Last Date of Registration : 26/12/2022

SCHEDULE:

Duration of course is 38 hrs, which will be covered in one week from 28/12/2022 to 02/01/2023. The schedule during the course is divided into two sessions per day as follow.

Session 1 : 9:00 am To 12:30 pm
Lunch Break : 12:30 pm To 1:30 pm
Session 2 : 1:30 pm To 4:30 pm

Mode :

Goggle Meet

ELIGIBILITY

Students of VIII Semester/ IV Yr. are eligible to attend the training.

IMPORTANT NOTE

- ✓ All interested students should register before the last date of registration.
- ✓ Students should join the google meet before time link will be provided on whatsapp group.

ABOUT THE COURSE

It is an add on course which helps the students to know the application of MATLAB in the area of electrical engineering. The course mainly focuses on the student eager to learn about Matrix Laboratory which is a high-level language and interactive environment for numerical computation, visualization, programming and simulation of electrical circuits. Using MATLAB, A student can analyze data, develop algorithms, and simulate electrical circuits.

OBJECTIVE

The objectives of course are:

1. To make students familiar with MATLAB software
2. To teach students basic MATLAB programming.
3. The course will also teach the students about the simulink modelling.

OUR TRAINER

Ms. A. Pillewan, Asst. Prof. EE Email Id:
akshu1712@gmail.com

TOPIC COVERAGE

1. Introduction (9hrs)

- MATLAB Basics for the Building Engineer
- Basic commands
- Script & function file
- Basic mathematical and logical calculations
- Use of for loop
- Drawing plot

2. Experimentation and Modelling in MATLAB (6hrs)

- Design and Implementation
- Project Based Learning
- Accounting, exploring, analyzing and visualizing data in MATLAB

3. Electrical engineering concepts Using MATLAB and Simulink (7hrs)

- Introduction to Simulink
- Applications of Simulink in Systems modelling
- Modelling Basic electrical Circuit in Simulink and obtaining characteristic plots

4. Electrical engineering using Simscape (Physical Modelling)(8hrs)

- Electrical engineering using Sim Power systems
- Control system design and analysis
- Power Electronics Based drive analysis

5. MATLAB Scope in R & D (9hrs)

- Different models of wind and solar system
- Industrial power system Design
- Deliver industrial models



CERTIFICATE COURSE ON APPLICATIONS OF MATLAB IN ELECTRICAL

Time Table

Date:-02-12-2022

Duration of Course: 38 Hours

Date	Course Contents
26-12-2022	Introduction to Matlab, Script of Matlab
29-12-2022	Experimentation in MATLAB, Modelling in MATLAB
30-12-2022	Electrical engineering concepts Using MATLAB and Simulink
31-12-2022	Electrical engineering using Simscape (Physical Modeling)
01-1-2023	Power Electronics Based drive analysis
2-1-2023	MATLAB Scope in R & D

Schedule

- Session I-9:00 am to 12:00 p.m
- Lunch Break-12:00 p.m. to 1:00 p.m.
- Session II-1:00 p.m to 4:00 p.m

Venue
 Mode Online .

A. Pillewan
 Coordinator
Prof.A.Pillewan

[Signature]
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 Nagpur - 441501

COURSE ON APPLICATIONS OF MATLAB IN ELECTRICAL

COURSE OBJECTIVES

The objectives of this course are:

1. To make students familiar with MATLAB software
2. To teach students basic MATLAB programming.

SYLLABUS

DURATION : 38 HOURS

1. Introduction (8hrs)

- MATLAB Basics for the Budding Engineer
- Basic commands,
- Script & function file
- Basic mathematical and logical calculations
- Use of for loop
- Drawing plot

2. Experimentation and Modelling in MATLAB (6hrs)

- Design and Implementation
- Project Based Learning
- Accessing, exploring, analysing and visualizing data in MATLAB

3. Electrical engineering concepts Using MATLAB and Simulink (7hrs)

- Introduction to Simulink
- Applications of Simulink in System modelling
- Modelling Basic electrical Circuit in Simulink and obtaining characteristic plots

4. Electrical engineering using Simscape (Physical Modeling) (8hrs)

- Electrical engineering using SimPowersystems
- Control system design and analysis
- Power Electronics Based drive analysis

5. MATLAB Scope in R & D (9hrs)

- Different models of wind and solar system
- Industrial power system Design
- Different industrial models

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References: 1. <https://www.mathworks.com>

2. Getting Started With Matlab Rudra Pratap Oxford University Press

COURSE OUTCOME

After completing this course, students will be able to,

1. Understand basic programming in MATLAB
2. Understand the fundamental features of Simulation.
3. Able to design simulink models of different electrical circuits.
4. Understand the importance of MATLAB in R & D.

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Course of Application of MATLAB in Electrical on Dated 28/12/22 to 2/01/23



Akshay Pillewan

Prof. Akshay Pillewan
Coordinator

Rajendra Bhombe

Prof. Rajendra Bhombe
H.O.D (EE)

Hemant Hajare


Dr. Hemant Hajare
Principal

Principal
Principal
Guru Nanak Institute of
Engineering & Technology
Nagpur - 441501

NOTICE


All this Students of Management are here by Informed that , Department of Management is organising 10 days on Online programme on " Certification Course On Digital Marketing" from 07/02/2022 to 16/02/2022 from 10.00 A.M to 4.00 P.M via Online mode (Google Meet).

All the intersted Students of Management must register for the same before 05/02/02022 For Registration contact Asst. Prof. Puja Nagpure Cordinator, Department of Management Studies.



Dr. Jonathan Joseph
HOD DMS

Head of Department
Department of Management Studies
G.N.I.T., Nagpur-441501



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10 Days Online Programme on
"Certificate course in Financial
Accounting"

(19/02/2022 to 28/02/2022)

Registration Form

Name: _____

Designation: _____

Organization: _____

Address: _____

Phone: _____

Mobile: _____

Email: _____

Amount (Cash): _____

Pass: _____

Signature: _____

Signature of Participant: _____

ORGANIZING COMMITTEE

PATRONS

❖ S. Navneet Singh Tuli, C.M.D, GNI

❖ Mrs. Tanspreet Kaur Tuli, M.D, GNI

ADVISORS

❖ Dr. Jonathan Joseph HOD, DMS

CONVENER

Dr. Jaspal Gidwani

CO-ORDINATION COMMITTEE

❖ Dr. Jaspal Gidwani

❖ Dr. Jonathan Joseph

❖ Mr. Rajendra Katole



Guru Nanak Institute of Engineering and
Management, Nagpur



10 Days "Certificate course in Financial
Accounting"

19/02/2022 to 28/02/2022

Organized by

DEPARTMENT OF MANAGEMENT
STUDIES



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About College:

Sauru Nanak Institute of Engineering & Technology (GNMET), Nagpur was established in the year 2007 and is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, approved by All India Council for Technical Education, New Delhi and Directorate of Technical Education, Maharashtra. Experienced and dedicated staff is an asset of the institute. GNMET focuses on the core engineering field which makes it an ideal place for the growth of technical education. GNMET has the state of the art laboratories, digital library, Wi-Fi and other facilities to enhance quality of teaching learning process.

About Certificate Program:

The Objectives of the course are:

- Exposure to environments under which different organizations work;
- Providing on-job experience of practical aspects of Accounting;
- Developing disciplined attitude required to become an Accountant.

Highlights:

- To learn Basic Accounting Formulas and Accounting Terminologies

- To learn Measurement, Valuation and Accounting estimates

Resource Person:

Dr. JaspalGidwani

For Whom:

- Management Students

Schedule:-

19/07/2022 to 28/07/2022

Registration Fees: Rs. 1,500 per participant

Venue

Sardar Kohli Auditorium, GNMET

GNM Campus

Dahegaon, Kalmeshwar Road, Nagpur,
441501 Maharashtra India
Ph: 07118-661450

For any query please contact:

- ❖ Dr. JaspalGidwani
- ❖ Dr. Jonathan Joseph
- ❖ Mr. Rajendra Katole





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Department of Management Studies

Session (2022-2023)

CERTIFICATE COURSE ON DIGITAL MARKETING

(07/02/2022 to 16/02/2022)

Course Objectives:

The objective of this course are:

- Brand Awareness
- Lead Generation
- Promotion for new products & services
- Target Customers
- Retaining Old customers
- Increase Sales/Profit
- Expand Market
- More Website Traffic
- Improve User Experience
- Improve conversions
- Less Costly

Syllabus

Duration: 60 Hours

Module 1: Search Engine Optimization (SEO): (15 Hours)

Introduction to Marketing and Advertisements

Introduction to Digital Marketing and Its Advantages over Traditional Marketing

Customer Centricity

What is SEO and how do Search Engines Work?

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Understanding On-page and Of-page SEO In Detail
Keyword research
Technical SEO, Mobile SEO, and Schema Markups
Link building – Blogger Outreach and Other Techniques
Social SEO, Local SEO, and International SEO
SEO Audits
SEO Tools – SEMrush, Ahrefs, etc.
Algorithm Updates
How to Rank #1 on Google?

Module 2: Social Media Optimization (SMO)(8 Hours)

What is Social Media Optimization?
Why Social Media Marketing?
Different Social Media Platforms – Quora, Facebook, Twitter, Instagram, LinkedIn, Pinterest, etc.
Promotion of Content or Product(s) on these platforms
Managing and Driving Engagement
Guidelines and Best Practices
Social Media Platforms – Case studies

Module 3: Email Marketing(12Hours)

What is Email Marketing?
Its Objectives
Tips and Tricks
Domain Reputation and SPF
Different Email Providers – Mailchimp, etc.
Campaign Creation – HTML and Built-in Editors
A/B Testing
Source Tracking, List Management, etc.

Module 4: Content Marketing and Influencer Marketing(15 Hours)

What is Content Marketing?
Its Objectives
Different Types of Content Marketing
Writing Blogs and Content and Promoting It on Different Platforms
Creating Engaging Videos and Promoting Them
What is Influencer Marketing?
How to Reach Out to Influencers and Engage Them?

Text Books:

1) Digital Marketing, Raghavendra K., Shruti Prabhakar, Himalaya Publ. House, 2016, page no. 96-147, 155-174

2) Digital Marketing, Raghavendra K., Shruti Prabhakar, Himalaya Publ. House, 2016, page no. 179-252

Reference Books:

Digital Marketing, Raghavendra K., Shruti Prabhakar, Himalaya Publ. House, 2016, page no. 1-79





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Website: www.gniot.ac.in E-mail: gniotnagpur@gmail.com



List of Participants and Attendance:

S.N	Name of Participanty	Sem	16-08-22	17-08-22	18-08-22	19-08-22	20-08-22	21-08-22
1	ACHAL ANANDRAO VIGHNE	VII	P	P	P	P	P	P
2	AYUSHI VINOD MESHRAM	VII	P	P	P	P	P	P
3	BHAWANA VINOD IKHAR	VII	P	P	P	P	P	P
4	DARSHANA SUBHASHRAO NASARE	VII	P	P	P	P	P	P
5	DEEPALI TEJLAL MANE	VII	P	P	P	P	P	P
6	GAYATRI GAJANAN GAWANDE	VII	P	P	P	P	P	P
7	JAYASHRI HARICHANDRA KHOPE	VII	P	P	P	A	P	P
8	JAYSHRI CHINDHUJI CHIKHALE	VII	P	P	P	P	P	P
9	KARISHMA NIRMAL MANEKAR	VII	P	P	P	P	P	P
10	MAYURI TIKARAM SONKUSARE	VII	P	P	P	P	P	P
11	MOHINI DHANRAJ PATIL	VII	P	P	P	P	P	P
12	NISHA WASUDEO KARNAKE	VII	P	P	P	A	P	P
13	NIVRUTTI DINESH PATLE	VII	P	P	P	P	P	P
14	PALLAVI MANOHAR SATAO	VII	P	P	P	P	P	P
15	PRIYANKA DILIP MANMODE	VII	P	P	P	P	P	P
16	PUNAM NANGO BUDHE	VII	P	P	P	P	P	P
17	RESHAMA SURESHRAO LAMSE	VII	P	P	P	P	P	P
18	REVTI CHANDRASHEKHAR BURDE	VII	P	P	P	P	P	P
19	SAKSHI SHALIKRAM SAWARKAR	VII	P	P	P	P	P	P
20	SILKY SANTOSH PANDEY	VII	P	P	P	P	P	P
21	TRUPTI DILIRAM CHOURAGADE	VII	P	P	P	P	P	P
22	VAISHNAVI DILIP CHANNE	VII	P	P	P	P	P	P
23	VAISHNAVI GAJANAN BHALERAO	VII	P	P	P	P	P	P
24	VAISHNAVI RAMESH HIWASE	VII	P	P	P	P	P	P

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25	ABHISHEK PADMAKAR KSHIRSAGAR	VII	P	P	P	P	P	P
26	ABHISHEK PRAKASH NIKAM	VII	P	P	P	P	P	P
27	ABHISHEK SUDAM SOLANKE	VII	P	P	P	P	P	P
28	ADITYA DAYARAM WAGHMARE	VII	P	P	P	P	P	P
29	ANIKET MADHUKAR THOTE	VII	P	P	P	P	P	P
30	ATHARVA PRAKASH WANKAR	VII	P	P	P	P	P	P
31	ATHARVA SANJAYRAO DONDAL	VII	P	P	P	P	P	P
32	DURGESH AKNATH BHAGWAT	VII	P	P	P	P	P	P
33	HARSHAL RAJU PATIL	VII	P	P	P	P	P	P
34	KARTIKEYA SINGH DHARMENDRA SINGH THAKUR	VII	P	P	P	P	P	P
35	KRUNAL VINAYAK DEVTALE	VII	P	P	P	P	P	P
36	KRUSHNA ARUNRAO GANJARE	VII	P	P	P	P	P	P
37	LILADHAR TULARAM ITOLE	VII	P	P	P	P	P	P
38	PRAVIN JUNGILAL UIKE	VII	P	P	P	P	P	P
39	RAVINDRA RAMESH JAWARKAR	VII	P	P	P	P	P	P
40	ROHIT RAMSING THAKRE	VII	P	P	P	P	P	P
41	SAGAR PRABHAKAR NIMKAR	VII	P	P	P	P	P	P
42	SUVHENDU DIPENDU SAHA	VII	P	P	P	P	P	P
43	SWAPNIL PADMAKAR KANIRE	VII	P	P	P	P	P	P
44	ANAM NAAZ MOHAMMAD AARIF SHEIKH	V	P	P	P	P	P	P
45	ANJUM . SHEIKH	V	P	P	P	P	P	P
46	ASHWINI VIJAY CHAUHAN	V	P	P	P	P	P	P
47	DIVYANI PRADIPRAO PATURDE	V	P	P	P	P	P	P
48	DIVYANI SUJIT NITNAWARE	V	P	P	P	P	P	P
49	HRUTU SHISHUPAL WALDE	V	P	P	P	P	A	P
50	ISHA MURLIDHAR GOTMARE	V	P	P	P	P	P	P
51	JAYASHRI KISHOR PAHADE	V	P	P	P	P	P	P

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52	JYOTI YOGESH BAWANE	V	A	P	P	P	P	P
53	KALLYANI ASHOK GEDEKAR	V	P	P	P	P	P	P
54	REKHA RAMESH RAHANGDALE	V	P	P	P	P	P	P
55	ROJI TEJRAM WAGHMARE	V	P	P	P	P	P	P
56	RUCHIKA KESHAV KANGALE	V	P	P	A	P	P	P
57	RUTUJA RAJKUMAR YERANDE	V	P	P	P	P	P	P
58	SANGHPRIYA VINODRAO MOHOD	V	A	P	P	P	P	P
59	ABHIJIT SATISHRAO PURI	V	P	P	A	P	P	P
60	ADARSH AJAY SAWAIMUL	V	P	P	P	P	P	P
61	ADARSH BAPURAO SARDAR	V	P	P	P	P	P	P
62	AMANSHU DILIP TAKLIKAR	V	P	P	P	P	P	P
63	ANSHUL SURESH MANWATKAR	V	P	P	P	P	P	P
64	ANURAG ANIL GANVEER	V	P	P	P	P	P	P
65	MANISH MOHANLAL UKEY	V	P	P	P	P	P	P
66	MANTHAN SHRIKANT SAKHARE	V	P	P	P	P	P	P
67	NEERAJ AJAY SHRIVASTAVA	V	P	P	P	P	P	P
68	NITESH BUDHRAM KHOBRADE	V	P	P	P	P	P	P
69	OM SHRIKRUSHNA KOLHE	V	P	P	P	P	A	P
70	PRATHMESH PRABHAKARRAO JOSHI	V	P	P	P	P	P	P
71	RAHUL PRAMOD SHAMBHARKAR	V	P	P	P	P	P	P
72	RAHUL RAMESH TAYADE	V	P	P	P	P	P	P
73	SHUBHAM SUBHASH NASARE	V	P	P	P	P	P	P
74	SIDDHANT GAJANAN PATLE	V	P	P	P	A	P	P
75	SOURABH ASHOK WAHANE	V	P	P	P	P	P	P
76	UMESHWAR SURESH DEWASE	V	P	P	P	P	P	P
77	VAIBHAV KUMAR POHANKAR	V	P	A	P	P	P	P
78	VAIBHAV PARASRAM UGE	V	P	P	P	P	P	P

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List of Participants and Attendance:

S.N	Name of Participanty	Sem	27-02-23	28-02-23	01-03-23	02-03-23	03-03-23	04-03-23
1	RANGARI ABHISHEK ANIL ARCHANA	IV	P	P	P	P	P	P
2	WASHIMKAR ABHISHEK SUNIL SANGITA	IV	P	P	P	A	P	P
3	BORKAR AMAN PRAKASH MADHURI	IV	P	P	P	P	P	P
4	WALEKAR AMIT ABHAY SWITI	IV	P	P	P	P	P	P
5	SAMBHE ARYAN ARVIND SHOBHA	IV	P	P	A	P	P	P
6	RATHOD ASHISH HARICHAND HEMLATA	IV	A	P	P	P	P	P
7	SAHU BHAVESH SAMPAT SUNITA	IV	P	P	P	A	P	P
8	BIPASHA NILAMKUMAR RANGARI VARSHA	IV	P	A	P	P	P	P
9	BIPASHA SHAILESH YADAV RAKHI	IV	P	P	P	P	P	P
10	WAGH DIPALI GAJANAN JAYSHRI	IV	P	P	P	P	P	P
11	DIVYA ANIL BHAGAT ANITA	IV	P	P	P	P	P	P
12	KOTHARE DIXIKA GAUTAM ARCHANA	IV	P	P	P	P	P	P
13	SHARMA HARSH SANJEEV MANISHA	IV	P	P	P	P	P	P
14	BHIMTE HARSHA JITENDRA JYOTI	IV	P	P	P	P	P	P
15	HARODE HITESH BHAURAO SAVITA	IV	P	P	P	P	P	P
16	DHILLON JASLEEN KAUR	IV	P	P	P	P	P	P
17	DAMAHE KHUSHI ARVIND SUNITA	IV	P	P	P	P	P	P
18	MUKHARE KHUSHI SAMEER	IV	P	P	P	P	A	P
19	KUSH VIJAY SAHU JYOTI	IV	P	P	P	P	P	P
20	BOBDE LEENA PRAMOD SMITA	IV	A	P	P	P	P	P
21	SAHU LOVE VIJAY SAHU JYOTI	IV	A	P	P	P	P	P
22	KAMBLE MADHURI BANDU MANGLA	IV	P	P	P	P	P	P
23	CHOPADE MAYUR VIJAY ANITA	IV	P	P	P	P	P	P
24	MOHINI PANJAB RAJGURU SHOBHA	IV	P	P	P	P	P	P
25	SHEIKH NAJIYA ABDUL KALAM	IV	P	P	A	P	P	P

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26	UTTARWAR OM VIJAY SAVITA	IV	P	P	P	P	P	P
27	POOJA MAHESH SAKHARE SAMPDA	IV	P	P	P	P	P	P
28	DEOSARKAR PRAJTA NAMDEVRAO SHOBHA	IV	P	P	P	P	P	P
29	BAWANKAR PRAJWAL ARVIND SMITA	IV	P	P	P	P	P	P
30	FULZELE PRAJWAL CHAITRAM KUSUM	IV	P	P	P	P	P	P
31	PRATHAM SUDAM WASNIK SUNITA	IV	P	P	P	P	P	P
32	BHINGARE PRATHMESH SHYAM	IV	P	P	P	P	P	P
33	USARE PRERNA RAJESH MANISHA	IV	P	P	P	P	P	P
34	CHAVHAN PRIYANKA SURESH ANITA	IV	P	P	P	P	P	P
35	WANVE RAJJU RAMRATAN SUNITA	IV	P	P	P	P	P	P
36	TEMBHARE RAVISHI RAJENDRA	IV	P	P	P	P	P	P
37	WANKHADE RITESH SUNIL SAVITA	IV	P	P	P	P	P	P
38	BANG RIYA SHASHIKANT SUNITA	IV	P	P	P	P	P	P
39	KHARPURIYE ROHIT NATTHUJI ASHA	IV	P	P	P	P	P	P
40	QUERESI SAIFUDDIN ABID ARJUMAND	IV	P	P	P	P	P	P
41	PURAMSHETTIWAR SAMIKSHA VIJAY NIKHITA	IV	P	P	P	P	P	P
42	G HARDE SATISH PANCHAM MANISH	IV	P	P	P	P	P	P
43	DAD SHREERAM GAJANAN ALKA	IV	P	P	P	P	P	P
44	RAMBHAD SHREYASH YASHWANT BHARTI	IV	P	P	P	P	P	P
45	DAD SHRIKANT JUGALKISHOR DURGA	IV	P	P	P	P	P	P
46	JAGTAP SNEHA KACHARU YASHODA	IV	P	P	P	P	P	P
47	DHOTE SURAJ DILIP RANJANA	IV	P	P	P	P	P	P
48	MATE SURAJ VINOD MATE RAKSHA	IV	P	P	P	P	P	P
49	KSHIRSAGAR TANAY RAVINDRA	IV	P	P	P	P	P	P
50	POHARE TEJASKUMAR NITIN NIKHITA	IV	P	P	P	P	P	P
51	KAWARE TRUSHNA RAMDAS MANDA	IV	P	P	P	P	P	P
52	VAISHNAVI RAJESH CHUTE VIJU	IV	P	P	P	P	P	P

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53	VIRKAR VRUSHABH VISHWAS VAISHALI	IV	P	P	P	P	P	P
54	LOHANDE YASHWANT ANKUSH NISHA	IV	P	P	P	P	P	A
55	AYUSH KHEMRAJ RAMTEKE	IV	P	P	P	P	P	P
56	GAUTAM VIVEK BHAURAJ BHUMIKA	IV	P	P	P	P	P	P
57	THAKARE JANHAVI DILIP ASHA	IV	P	P	P	A	P	P
58	FISKE KHUSHI MAHENDRA SHOBA	IV	A	P	P	P	P	P
59	SABLE LOKESH KHUSHAL RANJANA	IV	P	P	P	P	P	P
60	SONAL DNYANESHWAR GURVE	IV	P	P	P	P	P	P
61	SAKSHI JAYWANT NALKANDE	IV	P	P	P	P	P	P
62	RAUT PRAJWAL ARVIND	IV	P	P	P	P	P	P
63	GORE KANHAIYA MADHUKARRAO	IV	P	P	P	P	P	P
64	NAVALE ABHISHEK DNYANOBA	IV	P	P	P	P	P	P
65	PATLE RAJANI HAUSILAL	IV	P	P	P	P	P	P
66	MOHOD VAIBHAV LAHANU	IV	P	P	P	P	P	P
67	GAJABE JAYASHRI GAJANAN	IV	P	P	P	P	P	P
68	RAUT PRAJWAL NARESH	IV	P	P	P	P	P	P
69	KHAWASE ARPITA MUKUNDRAJ	IV	P	P	P	P	P	P
70	DHOLE ANGADH KESHAVRAO	IV	P	P	P	P	P	P
71	AYUSH RAJENDRA MHAISNE	IV	P	P	P	P	P	P
72	RAMESHWAR PRAKASH CHAVHAN	VI	P	P	P	P	P	P
73	RITIK SHAMRAO DHARANE	VI	P	P	P	P	P	P
74	ROHIT SANTOSH SHARMA	VI	P	P	P	P	P	P
75	SAURABH SUDHAKAR PRANJALE	VI	P	P	P	P	P	P
76	SHARDAPRASAD SHANKAR KAWALE	VI	P	P	P	P	P	P
77	SHOBHIT BHIMRAO SOMKUWAR	VI	P	P	P	P	P	P
78	OMKESH SHRIKRUSHNAJI MOWADE	VI	P	P	P	A	P	P
79	PAWAN KAILASH MATLANE	VI	P	P	P	P	P	P
80	PIYUSH YOGESH SAMUNDRE	VI	P	P	P	P	P	P

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Guru Nanak Institute of
Engineering & Technology
Nagpur - 441501



GURU NANAK INSTITUTE OF ENGINEERING & TECHNOLOGY
Dahgaon, Kalambur Road, Nagpur-441 501.
Department of Electronics & Telecommunication Engineering
Session (2022-23)



List of Students Enrolled for Course on "EXPLORING THE APPLICATIONS OF ARTIFICIAL INTELLIGENCE IN WIRELESS TECHNOLOGIES"

Name of resource person:

1. Dr. Sushama Telrandhe
2. Prof. Deepak Deshpande
3. Prof. Sandeep Buradkar

Date: 09th Jan to 13th Jan 2023

Mode -Online/Offline

Sr. No.	Name of Student	Semester/Department
1	GAYATRI TULSIRAM NAGPURE	VI SEM /ETC <i>Amol</i>
2	KALYANI ARUN DATE	VI SEM /ETC <i>K. Date</i>
3	KAMINI SUDAM BAGDE	VI SEM /ETC <i>Kamini</i>
4	PRADNYA BHOLESHWAR BAGDE	VI SEM /ETC <i>P. Bagde</i>
5	SAKSHI VINOD AMBHIKRE	VI SEM /ETC <i>Sakshi</i>
6	SHITAL CHANDRASHEKHAR BAGDE	VI SEM /ETC <i>Shital</i>
7	ANJALI SANJAY VARMA	VI SEM /ETC <i>Anjali</i>
8	ARPANA JIVAN LAMSE	VI SEM /ETC <i>Arpana</i>
9	ASHWINI RADHESHYAM RAHANGDALE	VI SEM /ETC <i>Ashini</i>
10	ASHWINI SUKHRAM MESHARAM	VI SEM /ETC <i>Ashini</i>
11	DIRKSHA GANESH WADHONE	VI SEM /ETC <i>Dirksha</i>
12	KAREENA RAJU PASWAN	VI SEM /ETC <i>Kareena</i>
13	KANCHAN PRAKASH BHARGAWARE	VI SEM /ETC <i>K. Bhargava</i>
14	KARISHMA IQBAL SHEIKH	VI SEM /ETC <i>Karishma</i>
15	ASHAY DEVIDAS RAUT	VI SEM /ETC <i>Ashay</i>
16	ANURAG VIJAY MESHARAM	VI SEM /ETC <i>Anurag</i>
17	ASHUTOSH LANKESH NARNAWARE	VI SEM /ETC <i>Ashutosh</i>
18	GAURAV SANJAY BHAJNI	VI SEM /ETC <i>Gaurav</i>
19	DMPRAKASH CHANGDEO KHUBALKAR	VI SEM /ETC <i>D. Khubalkar</i>
20	PADMAKANT LAXMIKANT KHARKATE	VI SEM /ETC <i>P. Kharkate</i>

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21	PRASHIL GUNWANT GAVHANKAR	VI SEM /ETC	Prashil
22	ROHIT DHARMENDRA BELDAR	VI SEM /ETC	R. Beldar
23	SHUBHAM GAUTAM MESHAM	VI SEM /ETC	Shubham M
24	UTKARSH SHISHUPAL SAHARE	VI SEM /ETC	U.S
25	AKASH KULDEEP SOMKUWAR	VI SEM /ETC	Akash
26	AMEYA DILIP MENDHE	VI SEM /ETC	A. Mendhe
27	NIKHIL VITTHAL NANDEKAR	VI SEM /ETC	No Name

1/2/21
Dr. S.V. Tejwade

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GURU NANAK INSTITUTE OF ENGINEERING & TECHNOLOGY

Dahegaon, Kalmeshwar Road, Nagpur-441 501

DEPARTMENT OF ELECTRICAL ENGINEERING

List of Students Enrolled for Course on
"APPLICATIONS OF MATLAB IN ELECTRICAL ENGG"

Name of resource person : Mr. A.Pillewan

Date : 28th December to 02 Jan 2022

Mode -Online

Session: 2022-23

Sr. No.	Roll No	Student Name	Sign
1.	1	ACHAL RUPCHAND WADBUDHE	<i>Achal</i>
2.	2	ARTI DINESH KHAMBALKAR	<i>Arti</i>
3.	3	BHAVIKA NILKANTH SHENDE	<i>Bhavika</i>
4.	4	OJASVI SANJAY BURANDE	<i>Ojasvi</i>
5.	5	PALLAVI DEORAO GHONGE	<i>Pallavi</i>
6.	6	POOJA DILIPRAO SHENDE	
7.	7	PUNAM CHANDRABHAN MAHURE	<i>Punam</i>
8.	8	RAKHIBAI KESHORAO PATLE	<i>Rakhi</i>
9.	9	SADHANA SOVINDAS BISEN	
10.	10	SHREYA SANGAM KAPSE	<i>Shreya</i>
11.	11	SHWETA BAPURAO RANDKHE	<i>Shweta</i>
12.	12	SHWETA KIRANRAO GHATOLE	
13.	13	SUSHMA RAJENDRA MENDHE	
14.	14	VAISHNAVI RAJU MADANKAR	<i>Vaishu</i>
15.	15	VANDANA SHOBHARAM MOHANKAR	
16.	16	YOGITA TEJRAM UIKEY	
17.	17	AJINKYA JANKIDAS MATE	<i>Mate</i>
18.	18	AKHIL HIRALAL CHHANIKAR	
19.	19	ANKIT UPASRAO KAWADKAR	<i>A.V. Kawadkar</i>
20.	20	ARJUN SHESHRAO DESHMUKH	
21.	21	BADAL SOMAJI RANGARI	<i>Badal</i>
22.	22	BHAGWAT DINESH DEVSARKAR	
23.	23	BHUSHAN VISHNU MURODIYE	
24.	24	CHETAN WASUDEO AMBAGADE	
25.	25	DEEPAK CHAMANLAL PACHE	<i>Pache</i>
26.	26	DHAMMANAND PRABHUDAS MOHOD	<i>Dhamanand</i>
27.	27	GAJANAN SANTOSH GAHULE	<i>Gajanan</i>
28.	28	GANESH RAMRAO BHANDARWAD	

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29.	29	GAURAV SHESHRAO DAKHARE	G.S. Dalchare
30.	30	GAURAV SUDHIR MADEKAR	
31	31	HARSHAL PANDURANG JAIWAR	
32	32	JITESH KASHINATH GHARPURE	Jiteste
33	33	KIRTESH PRABHAKAR SATPUTE	
34	34	MAHESH DILIP MUSALE	M. Musale
35	35	MAHESH RAJU VERMA	M. Verma
36	36	MAYUR RAJENDRA BHAKTE	
37	37	MILIND KULDEEP GADLING	
38	38	NIKHIL MADHUKAR BHALERAO	N. Bhalerao
39	39	NIRAJ SHRIPAD NILE	Nile
40	40	PRASAD SHRIDHAR TEMBHURNIKAR	
41	41	PRITAM SANJAYRAO CHAPLE	P. Chaple
42	42	RAJAT MADHUKAR KUTHE	R. Kuthe
43	43	RAVINDRA VINAYAK HOLE	R. Hole
44	44	RUGWED SHIVSHANKAR TEMBHARE	R. Tembhare
45	45	SANKET PRAVIN GUND	S. Gund
46	46	SARVAN NARAYAN GOUR	S. Gour
47	47	SATISH ARVIND DUDHE	S. Dudhe
48	48	SAURABH GOPAL KHUJNARE	S. Khujnare
49	49	SHUBHAM MADHAVRAO RAJEPWAD	S. Rajepwad
50	50	SHUBHAM RAMCHANDRA MATHURKAR	S. Mathurkar
51	51	SUMIT WASUDEO BHOYAR	S. Bhojar
52	52	SURAJ VIJAYRAO LEKURWALE	S. Lekurwale
53	53	VAIBHAV DHAONDU MAMTKAR	V. Mamtkar
54	54	VILAS DHUPLAL MAHURE	V. Mahure
55	55	VIVEK SURAJLAL SAHARE	V. Sahare
56	56	WAQAR AHMAD MUMTAZ NAZEER ALI	W. Mumtaz

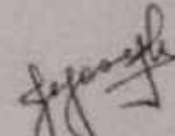


Life of students enrolled for course of "Certificate Course In Digital Marketing"


Name of resourceperson : Prof. Ashima Varghese
Topic: Certificate Course In Digital Marketing
Date : 07/02/2022 to 16/02/2022
Venue : College Auditorium
Session -2021-22

Sr.No	Name Of Student	Department
1	Ashwini Raut	MBA II sem
2	Richa Newatiya	MBA II sem
3	Renuka Nirmal	MBA II sem
4	Prajakta Ramteke	MBA II sem
5	Abha Dhore	MBA II sem
6	Lekha Zoad	MBA IV sem
7	Kiran Parate	MBA IV sem
8	Trupti Bobade	MBA IV sem
9	Komal Kumbhare	MBA IV sem
10	Chetan Admane	MBA IV sem
11	Krushnkumar Thakre	MBA IV sem
12	Akshay Saonerkar	MBA IV sem
13	Ashwiwni Sonune	MBA IV sem
14	Namira Khan	MBA IV sem
15	Rupali Mane	MBA IV sem

Total No. of Students: 15


Dr. Jonathan Joseph
HOD, DMS.

Head of Department
Department of Management Studies
G.N.I.E. Nagpur-441501


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Nagpur - 441501



Guru Nanak Educational Society's
**GURU NANAK INSTITUTE
OF ENGINEERING & TECHNOLOGY**

APPROVED BY AICTE, DTE & AFFILIATED TO RTM NAGPUR UNIVERSITY, NAGPUR
Dahegaon, Opp IOC Petrol pump, Kalmeshwar Road, Nagpur- 441501 Ph. 07118-661400
Website: www.gniet.ac.in E-mail: gnietnagpur@gmail.com



GURU NANAK INSTITUTIONS

Dahegaon, Kalmeshwar Road, Nagpur 441502



Guru Nanak Institute of Engineering and Technology
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**CERTIFICATE
OF PARTICIPATION**

This is to certify that, Mr/Ms. NEERAJ AJAY SHRIVASTAVA have
successfully completed the Add-on course "ARM Processor architecture and
Programming". Course duration was 06 Days (05 Hrs per day). The Add-on
course was organized by Department of computer Science and Engineering,
GNIET, Nagpur from 16-08-2022 to 21-08-2022.

Course Co-ordinator

H.O.D. (CSE)
GNIET, Nagpur

Vice Principal
GNIET, Nagpur

Principal
GNIET, Nagpur


Principal
Guru Nanak Institute of
Engineering & Technology
Nagpur - 441501



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Dahegaon, Opp. IOC Petrol Pump, Kalmeshwar Road, Nagpur - 441501 Ph. 07118-661400
Website: www.gniet.ac.in Email: gnietnagpur@gmail.com



CERTIFICATES (Sample):

GURU NANAK INSTITUTIONS
Dahegaon, Kalmeshwar Road, Nagpur 441502

Guru Nanak Institute of Engineering and Technology
(NAAC Accredited)

CERTIFICATE OF PARTICIPATION

Microcontroller MCS-51 architecture and Programming

This is to certify that, Mr/Ms. _____ have successfully completed the Add-on course " Microcontroller MCS-51 architecture and Programming " Course duration was 06 Days (05 Hrs per day). The Add-on course was organized by Department of computer Science and Engineering, GNIET, Nagpur from 27-02-23 to 04-03-23

Course Co-ordinator	H.O.D. (CSE) GNIET, Nagpur	Vice Principal GNIET, Nagpur	Principal GNIET, Nagpur
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Guru Nanak Institute of Engineering and Technology
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CERTIFICATE OF PARTICIPATION

Microcontroller MCS-51 architecture and Programming

This is to certify that, Mr/Ms. _____ have successfully completed the Add-on course " Microcontroller MCS-51 architecture and Programming " Course duration was 06 Days (05 Hrs per day). The Add-on course was organized by Department of computer Science and Engineering, GNIET, Nagpur from 27-02-23 to 04-03-23

Course Co-ordinator	H.O.D. (CSE) GNIET, Nagpur	Vice Principal GNIET, Nagpur	Principal GNIET, Nagpur
---------------------	-------------------------------	---------------------------------	----------------------------

Principal
Guru Nanak Institute of Engineering & Technology
Nagpur - 441501

Guru Nanak Institute of Engineering and Technology

Kalmeshwar, Dahegaon, Nagpur



Certificate



This is to certify that

Mr./Ms. **GAYATRI TULSIRAM NAGPURE**

Student of Department of Electronics and Telecommunication Engineering, has successfully completed the five days Add on Course on “Exploring the Applications of Artificial Intelligence in Wireless Technologies” under Add on Program at Guru Nanak Institute of Engineering and Technology, Nagpur from 9th Jan 2023 to 13th Jan 2023.

Prof. Deepak
Deshpande
Co-ordinator
GNIET, Nagpur

Dr. Sushama Telrandhe
HOD
ETC, GNIET

Dr. H. Hajare
Principal
GNIET, Nagpur

Principal
Guru Nanak Institute of
Engineering & Technology
Nagpur - 441501

Guru Nanak Institute of Engineering and Technology

Kalmeshwar, Dahegaon, Nagpur



Certificate



This is to certify that

Mr./Ms. **KALYANI ARUN DATE**

Student of Department of Electronics and Telecommunication Engineering, has successfully completed the five days Add on Course on "Exploring the Applications of Artificial Intelligence in Wireless Technologies" under Add on Program at Guru Nanak Institute of Engineering and Technology, Nagpur from 9th Jan 2023 to 13th Jan 2023.

**Prof. Deepak
Deshpande**
Co-ordinator
GNIET, Nagpur

Dr. Sushama Telrandhe
HOD
ETC, GNIET

Dr. H. Hajare
Principal
GNIET, Nagpur

Principal
Guru Nanak Institute of
Engineering & Technology
Nagpur - 441501

Guru Nanak Institute of Engineering and Technology

Kalmeshwar, Dahegaon, Nagpur



Certificate

This is to certifies that



Mr./Ms. KAMINI SUDAM BAGDE

Student of Department of Electronics and Telecommunication Engineering, has successfully completed the five days Add on Course on "Exploring the Applications of Artificial Intelligence in Wireless Technologies" under Add on Program at Guru Nanak Institute of Engineering and Technology, Nagpur from 9th Jan 2023 to 13th Jan 2023.

**Prof. Deepak
Deshpande**
Co-ordionator
GNIET, Nagpur

Dr. Sushama Telrandhe
HOD
ETC, GNIET

Dr. H. Hajare
Principal
GNIET, Nagpur

Principal
Guru Nanak Institute of
Engineering & Technology
Nagpur - 441501



GURU NANAK INSTITUTIONS

Dahegaon Kalmeshwar Road Nagpur, 441502

Guru Nanak Institute of Engineering and Technology

(NAAC Accredited)

CERTIFICATE OF PARTICIPATION

This is to certify that, Mr/Ms. **Bhavika N.Shende** have successfully completed the Add-on course "**Applications of MATLAB in Electrical Engineering**" Course duration was 06 Days. The Add on course was organized by Department of computer Science and Engineering, GNIET, Nagpur from 28/12/2022 to 02/01/2023.

Prof. Akshay Pillewan
Coordinator

Prof. Rajendra Bhombe
H.O.D (EE)

Dr. Hemant Hajare
Principal

Principal
Guru Nanak Institute of
Engineering & Technology
Nagpur - *



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Dahegaon Kalmeshwar Road Nagpur, 441502

Guru Nanak Institute of Engineering and Technology

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CERTIFICATE
OF PARTICIPATION

This is to certify that, Mr/Ms. **Dipak C. Pache**
have successfully completed the Add-on course "**Applications of MATLAB in Electrical Engineering**" Course duration was 06 Days. The Add on course was organized by Department of computer Science and Engineering, GNIET, Nagpur from 28/12/2022 to 02/01/2023.

Prof. Akshay Pillewan
Coordinator

Prof. Rajendra Bhombe
H.O.D (EE)

Dr. Hemant Hajare
Principal

Principal
Guru Nanak Institute of
Engineering & Technology
Nagpur - 441501

CERTIFICATE



**GURU NANAK INSTITUTE OF ENGINEERING
AND TECHNOLOGY**

Dahegaon, Kalmeshwar Road, Nagpur-401501

DEPARTMENT OF MANAGEMENT STUDIES

CERTIFICATE COURSE ON DIGITAL MARKETING

This Certificate is hereby granted to **Mr./Ms NEWATIA RICHA RAJESH** for successful completion of Online Course during (07/02/2022 to 16/02/2022) by Department of Management Studies, Guru Nanak Institute of Engineering & Technology, Nagpur.

Dr. Jonathan Joseph
HOD, DMS

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Principal
Guru Nanak Institute of
Engineering & Technology
Nagpur - 441501