



Indore Institute of Science & Technology

Approved by AICTE, New Delhi, Affiliated to RGPV, Bhopal, Recognized by UGC under Section 2(f)
2023-2024

1.2.2 Number of Add on /Certificate programs offered during the year

Response : 4444

1.2.3 Total percentage of students enrolled in Add-on/Certificate programs as against the total number of students during the year

Response: 4282

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2023-2024

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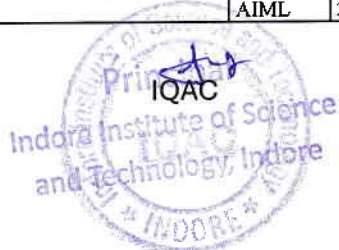


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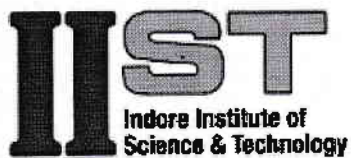
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2023-2024

1. Summary on Add on /Certificate programs offered during the year

Year -1						
Name of Add on /Certificate programs offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
Value added Training on IoT & Embedded system	UG EC	2023-24	1	21/08/2023 to 26/08/2023, 30 Hours	25	25
Value added Training on Python Mastery	UG EC	2023-24	1	29/01/2024 to 03/02/2024, 30 Hour	58	58
Logic Building and Core Programming, Algorithm and data structure using C++ Module -1	UG EC	2023-24	1	28 August 2023 Onwards, 40 hours	61	61
Logic Building and Core Programming, Algorithm and data structure using C++ Module -2	UG EC	2023-24	1	21st August 2023 Onwards, 40 hours	34	34
SIG On Front End Development Essential	UG EC	2023-24	1	16/01/2024 to 24/01/2024, 30 Hours	51	51
Certificate Course on Mastering IoT: Advanced Techniques & Applications	UG EC	2023-24	1	06/05/2024 to 11/05/2024, 40 Hours	59	59
Full stack web development (V SEM)	UG CSE	2023-24	1	45 HOUR	281	281
Algotution:Evolution of coding through(V SEM)	UG CSE	2023-24	1	45 HOUR	281	281
SQL for Data Science	UG CSE	2023-24	1	45 HOUR	151	151
aws-1	UG CSE	2023-24	1	45 HOUR	65	65
aws-3	UG CSE	2023-24	1	45 HOUR	69	69
Algotution:-Algorithmic Pinnacle-Navigating Complexity	UG CSE	2023-24	1	45 HOUR	152	152
Problem Solving & competitive Programming(VARZA ZOKARKAR)	UG CSE	2023-24	1	45 HOUR	147	147
Advance Java	UG CSE	2023-24	1	45 HOUR	159	159
Problem Solving & competitive Programming	UG CSE	2023-24	1	45 HOUR	77	77
Algotution:Foundation of Data Structure & Algorithm(III SEM)	UG IT	2023-24	1	45 HOUR	459	459
Core Java Skills(III SEM)	UG IT	2023-24	1	45 HOUR	205	205
aws-2	UG IT	2023-24	1	45 HOUR	86	86
CCNA	UG IT	2023-24	1	45 HOUR	52	52
Advance Java	UG IT	2023-24	1	45 HOUR	155	155
Algotution:-Algorithmic Pinnacle-Navigating Complexity	UG IT	2023-24	1	45 HOUR	74	74
IDEATHON	UG IT	2023-24	1	6 HOUR	99	99
Problem Solving & competitive Programming	UG IT	2023-24	1	45 HOUR	67	67
Comprehensive Data Analysis & MI with python	UG AIML	2023-24	1	45 HOUR	280	280



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2023-2024

Year - I						
Name of Add on /Certificate programs offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
SQL for Data Science	UG AIML	2023-24	1	45 HOUR	163	163
Core Java	UG AIML	2023-24	1	45 HOUR	76	76
Feature Engineering for Supervised Programetic ML Models	UG AIML	2023-24	1	45 HOUR	75	75
Algolution:-Algorithmic Pinnacle- Navigating Complexity	UG AIML	2023-24	1	45 HOUR	76	76
PROBLEM SOLVING AND IDEATION	UG AIML	2023-24	1	45 HOUR	94	94
PY-TECH:AIML & IOT	UG IOT	2023-24	1	45 HOUR	120	120
Training cum internship core Java (1)	UG IOT	2023-24	1	45 HOUR	71	71
Prestressed Concrete Structures	UG CE	2023-24	1	30 HOUR	17	0
NPTEL	UG CSE & IT	2023-24	2	week wise /Day wise	152	110
EDX	UG CSE & IT	2023-24	2	week wise /Day wise	313	213
Kavach 2023 cybersecurity hackathon	UG CSE	2023-24	2	week wise /Day wise	1	1
Pre kavach,	UG CSE	2023-24	2	week wise /Day wise	1	1
Coursera	UG CSE & IT	2023-24	2	week wise /Day wise	138	135



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2. Training on IoT & Embedded system

Indore Institute of Science and Technology Event Report

Academic Year – 2022-23 Sessions: June to Dec 2023

Name of Event: Internship cum training on IOT & Embedded Systems

Date of Event: 21st to 26th Aug 2023

Organizing Dept.: ECE Department

Event Coordinator: Mr. Nitin Chauhan

Name of Partner / co-organizer (If industry is involved):

Address:

Contact No.: Email Id:

Name of Industry Representative:

Contact No.: Email Id:

Name of Expert/Guest: Mr. Ankit Muley & Mr. Anshu Saha

Institute / Company: _____

Designation: _____, Department: _____

Address: _____

Contact No.: _____, Email Id: _____

Details of Participants:

No. of Institutes Participated	No. of Students Participated	Department		No. of Industry Representative	Remark if any
		CSE/IT/EC/ME/CM/ESH	ECE		
1	25		ECE	0	

*Please enclose a detailed list.

Also enclosed following details:

1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print/Social
3. Detailed summary on event. (Outcome)
4. Media Report (attach copy of newspaper)/ write-up for media/ FB write-up
5. Certificate / Letter (if printed by Institute or Organizing Partner)

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2023-2024



INDORE INSTITUTE OF SCIENCE AND TECHNOLOGY

DATE: 18/08/2023

NOTICE

This is to inform you that Department of Electronics & Communication is going to organize Internship cum training on IOT & Embedded Systems conducted by IIST EC Department from 21st to 26th Aug, 2023. All the students of Batch 2021-25 will have to participate actively in this event so that you will get benefits from that event. The event will be held online from 9:30AM to 3:30PM.

Faculty Coordinators:

Mr. Nitin Chauhan

So, I invite all the interested Students to attend/participate in the workshop and get the advantages.

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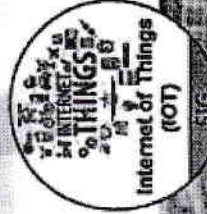
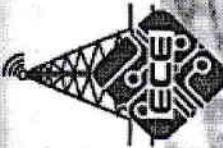


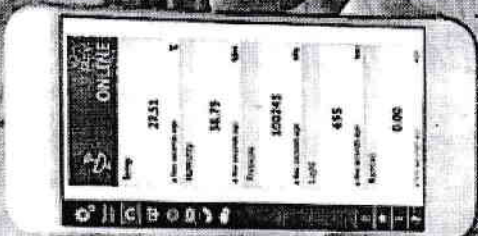
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2023-2024



Indore Institute of Science & Technology
affiliated to - RGPV (Bhopal) & Approved by - AICTE (New Delhi)

Department of Electronics & Communication Engineering

Semester V (July-Dec 2023)

Internship
cum Training


IoT & Embedded System:
Unlocking the potential of Connected Devices

40 Hrs training
From: 21st Aug, 2023

Resource Persons:
Mr. Ankit Mule (Trainer) Mr. Aditya Shastri (Trainer)

Faculty Coordinator:
Mr. Nishin Chouhan

Contact: +91 87003 26744
Email: ec@indoreinstitute.com



Student Coordinator:
Kartik Kandham & Manisha

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INDORE INSTITUTE OF SCIENCE AND TECHNOLOGY

DATE:25/08/2023

Summary

Department of Electronics and Communication Engineering Successfully complete Internship cum training on IOT & Embedded Systems from 21st to 26th Aug, 2023 and 25 students successfully participate in the workshop. This Workshop introduces students to the amazing world of electronics and its fascinating applications. Through this Workshop, students can build an ESP-based electronic device that can form the basis for smart buildings, smart irrigation systems, smart water monitoring, automatic street lighting systems, and home automation systems. They can also learn how to write programs, and relate the sensed data, and use Cloud computing basis concepts with ESP32.

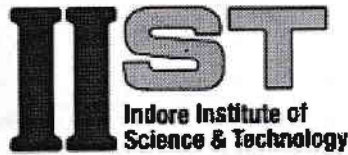
Coordinator

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INDORE INSTITUTE OF SCIENCE TECHNOLOGY, INDORE
DEPARTMENT OF ELECTRONICS COMMUNICATION ENGINEERING

WORKSHOP ON Internship cum training on IOT & Embedded Systems FOR SESSION JUNE-DEC 2023

Course Details	
Course Name	Internship cum training on IOT & Embedded Systems
Eligible Students for course	ECE, Batch 2021-25
Date & Time	Aug 21 to 26 Aug, 2023 and 9:30 AM onwards
Mode of Internship Cum Training	Offline
Software download link	https://www.tinkercad.com/
Hardware Required	NA
Applicable play store link	NA
Pre-requisites	No Pre-requisites
Setup Required	Installed Google Meet and PC's / Laptop with colab (link mention above).
Google meet link to download	https://play.google.com/store/apps/details?id=com.google.android.apps.meetings&hl=en-IN
Meet ID's to join	Shared Before class start
Assessment of Course	In the end Quiz test will be conducted
Resource Person	Mr.Nitin Chauhan

Course Objective
The objective is to engage students in high-level critical and creative thinking skills with an emphasis on programming concepts.
Create a variety of python and IoT projects that include math operations, variables, and logic in various protocols for IoT like MQTT, CoAP and many more.

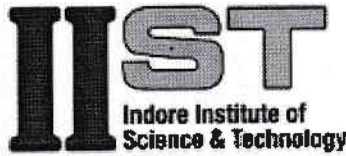
Course Outline
Introduction to basic Electronics
Data Analysis and Statistics
Introduction to Circuit Design



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INDORE INSTITUTE OF SCIENCE AND TECHNOLOGY

DATE: 18th Aug, 2023

Approval Letter


Department of Electronics & Communication Engineering interested to organize one week Workshop on IOT & Embedded Systems from 21st to 26th Aug 2023 under IoT SIG.

Kindly approve for organizing the workshop in the department.

Proposal enclosed herewith.


HOD ECE





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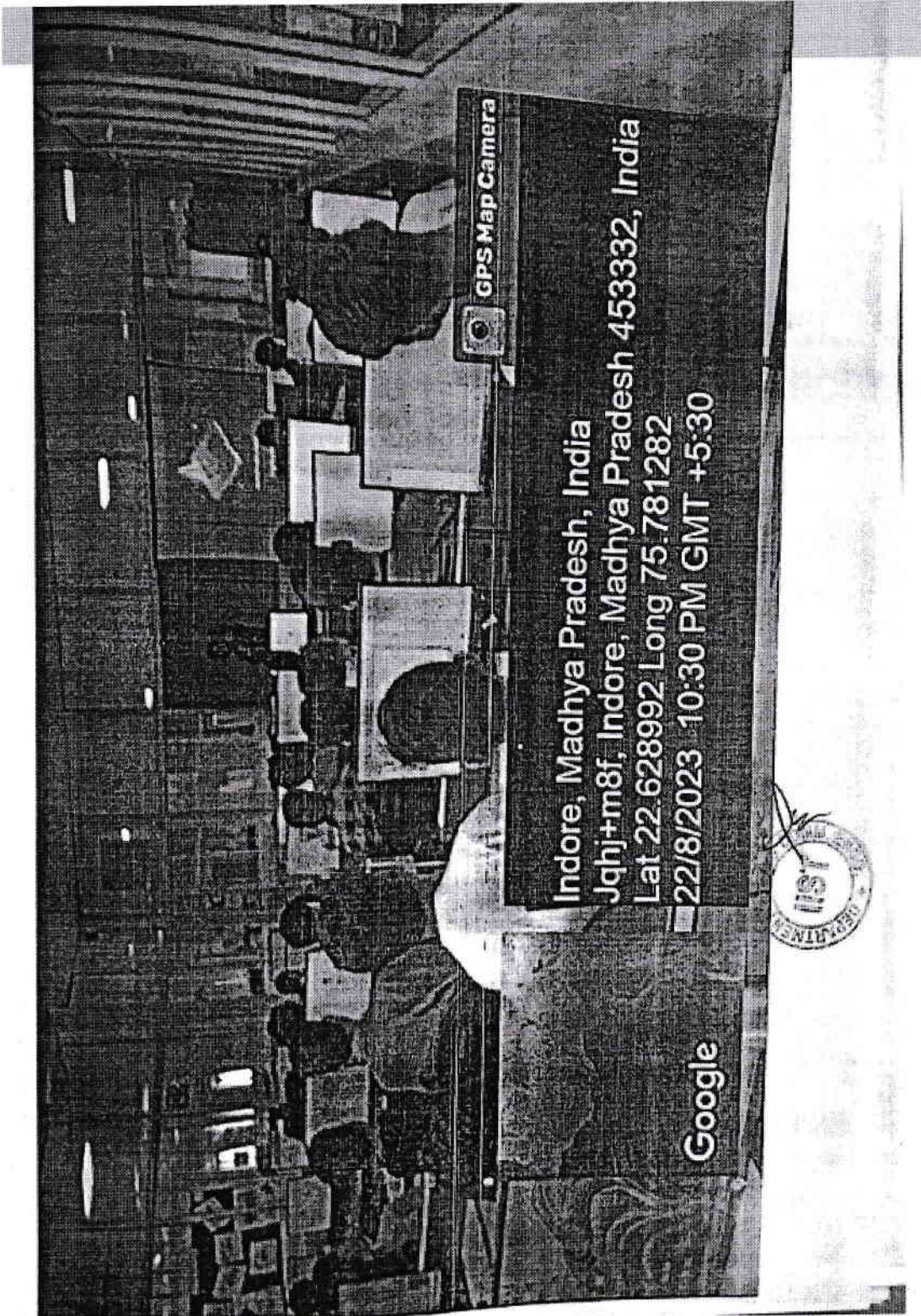


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2023-2024



**Indore Institute of
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Electronics & Communication Engineering













Certificate

This is to certify that Mr./Ms. Komal Meghwal Enrollment No. 0818EC211066 has successfully completed Workshop/Internship/ Training/Seminar on SIG on IOT and Embedded System under IOT from 21/08/2023 to 26/08/2023 organized by Department of Electronics & Communication Engineering, Indore Institute of Science & Technology, Indore (M.P.)

(Signature)
Coordinator/I.T.O.D.

(Signature)
Principal

(Signature)
Director General



(Signature)
Principal
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2023-2024

3. Value added Training on Python Mastery

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Indore Institute of Science and Technology Event Report

Academic Year -- 2023-24

Session: Jan to Jun 2024

Name of Event: Workshop on Python Mastery: Advanced Techniques & Applications

Date of Event: 29th Jan to 3rd Feb 2024

Organizing Dept.: ECE Department

Event Coordinator: Mr. Shrawan Kumar Nandoo and Mr. Nishu Chauhan

Name of Partner / co-organizer (If Industry is involved):

Address:

Contact No.:

Email Id:

Name of Industry Representative:

Contact No.:

Email Id:

Name of Expert/Guest:

Institute / Company:

Designation:

Department:

Address:

Contact No.:

Email Id:

Details of Participants:

No. of Institutes Participated	No. of Students Participated	Department		No. of Industry Representative	Remark if any
		CSE/IT/EC/ME/CM/ESH			
1	18	ECE		0	

*Please enclose a detailed list.

Also enclosed following details:

1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print/Social
3. Detailed summary on event. (Outcome)
4. Media Report (attach copy of newspaper)/ write-up for media/ FB write-up
5. Certificate / Letter (if printed by Institute or Organizing Partner)

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DATE: 27/01/2024

NOTICE

This is to inform you that Department of Electronics & Communication is going to organize workshop on Python Mastery: Advanced Techniques & Applications conducted by IIST EC Department from 29th Jan to 31st Feb, 2024. All the students of Batch 2020-24 will have to participate actively in this event so that you will get benefits from that event. The event will be held online from 9:30AM to 3:30PM.

Faculty Coordinators:

- a) Mr. Shivan Nandoo
- b) Mr. Shivan Chauhan

So, I invite all the interested Students to attend/participate in the workshop and get the advantages.

Shivan
HOD/EC
IIST
DEPARTMENT OF ELECTRONICS & COMMUNICATION



DATE: 27th Jan, 2024

Approval Letter

Department of Electronics & Communication Engineering interested to organize certificate course cum workshop on Python Mastery: Advanced Techniques & Applications from 29th Jan 2024 under Python SIG.

Kindly approve for organizing the workshop in the department.

Proposal enclosed herewith.

Shivan
HOD/EC
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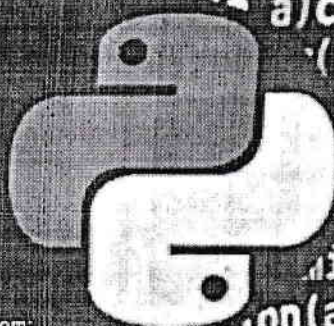
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2023-2024

Department of ECE
Organizing
Certification Course cum Workshop
on
Python Mastery:
Advanced Techniques and Applications
(For ECE 3rd Year students)

Trainer:


Mr. Rakesh Verma
 Technical Trainer
Code Quality and Ethical Hacking,
Digital Forensics, Python, Programming

Faculty Coordinators:
Mr. Shrawan Namdeo | Mr. N. B. Chauhan
Asst. Prof. - ECE | Asst. Prof. - ECE



From:
29th Jan 2024, onwards
Time:
02:10 PM Onwards
Venue:
MATLAB Laboratory, IIST

Student Coordinators:
Ronak Gadwal | Sanjana Sen

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Summary

DATE: 05/02/2024

Department of Electronics and Communication Engineering Successfully complete workshop on Python Mastery: Advanced Techniques & Applications from 29th Jan to 3rd Feb, 2024 and 18 students successfully participate in the workshop. This Workshop introduces students to the amazing world of Python and its fascinating applications. Through this Workshop, students can build an Python-based electronic device that can form the basis for smart buildings, smart irrigation systems, smart water monitoring, automatic street lighting systems, and home automation systems. They can also learn how to write programs, and relate the sensed data, and use Cloud computing basis concepts with Python.

Coordinator
M. N. N. C. C.

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Electronics & Communication Engineering

Certificate

This is to certify that **Mr./Ms. Rohit Sawner** Enrollment No. **0818EC211048** has successfully completed Workshop/Internship/ Training/Seminar on **SIG on Advanced Techniques and Application under Python Mastery** from **29/01/2024** to **03/02/2024** organized by Department of Electronics & Communication Engineering, Indore Institute of Science & Technology, Indore (M.P.)

Abhishek Jaiswal
 Co-ordinator/H.O.D.

[Signature]
 Principal

Arjun Srinivasan
 Director General




[Signature]
 Principal
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2023-2024

Logic Building and Core Programming, Algorithm and data structure using C++ Module -1



Department of Electronics & Communication
Training on
Logic Building and Core Programming, Algorithms and Data Structure Using C++ Module-1
40 Hrs Training for
B.Tech Third Year / Fifth Sem
Session: July-Dec 2023

Coordinator:
1. Mr. Nitin Chauhan 2. Mr. Shravan Namdeo
Resource Person:
Mr. Pankaj Wadhvani

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Event Report

Academic Year – 2023-24

Session: July to Dec 2023

Name of Event: **Training on Logic Building and Core Programing, Algorithms and Data Structure Using C++ Module-1**

Date of Event: 28 August 2023 Onwards

Organizing Dept.: ECE Department

Event Coordinator: Mr. Nitin Chauhan

Name of Partner / co-organizer (If industry is involved): Trainer IIST

Address: IIST EC Department

Contact No.: 9993634742

Email Id: pankaj.wadhvani@indoreinstitute.com

Name of Industry Representative: Mr. Pankaj Wadhvani

Contact No.: 7415559991

Email Id: Pankaj.wadhvani@indoreinstitute.com

Name of Expert/Guest: NA

Institute / Company: NA

Designation: _____ NA _____, Department: NA

Address: 182, Greater Valshall Nagar, Indore, Madhya Pradesh 452009, India

Contact No.: 074155 59991 Email Id: Pankaj.wadhvani@indoreinstitute.com

Details of Participants:

No. of Institutes Participated	No. of Students Participated	Department	No. of Industry Representative	Remark if any
		EC / ECS		
1.	61	EC	00	No

*Please enclose a detailed list.

Also enclosed following details:

1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print/Social
3. Detailed summary on event. (Outcome)
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2023-2024

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DATE: 20/08/2023

NOTICE

This is to inform you that Department of Electronics & Communication is going to organize Training on Logic Building and Core Programming, Algorithms and Data Structure Using C++ Module-1 conducted by IIST EC Department from 28th August Onwards 2023. All the students of B.Tech III Year Batch 2021-25 will have to participate actively in this event so that you will get benefits from that event. The venue of this event will be Matlab Lab, A Block Computer Center.

Resource Person:

1. Mr. Pankaj Wadhvani

Faculty Coordinators:

1. Mr. Nitin Chauhan

So, I invite all the interested Students to attend/participate in the workshop and get the advantages.



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DATE: 20/09/2023

Approval Letter


Department of Electronics & Communication Engineering interested to organize 40 Hours Training on Logic Building and Core Programming, Algorithms and Data Structure Using C++ Module-1 from 28th August Onwards 2023 under IoT SIC.

Kindly approve for organize Training in the department.

We hope for a positive response.

Thanks & Regards

Coordinator:
Mr. Nitin Chauhan
Electronics & Communication Department
IIST Indore.


HOD
Mr. Ankit Jain




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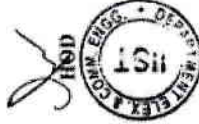
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DATE: 30/10/2023


Summary

The Department of Electronics and Communication Engineering successfully conducted a training program on "Logic Building and Core Programming, Algorithms, and Data Structures Using C++ (Module-1)", organized by the IIST EC Department starting from 28th August 2023. The event witnessed enthusiastic participation from a total of 61 second-year B.Tech students, who actively engaged in the hands-on sessions and activities designed to enhance their understanding of programming skills, algorithmic thinking, and proficiency in C++. The department extends its gratitude to Mr. Pankaj Wadhvani Sir for his insightful sessions and the students for their active involvement, making the program a valuable learning experience.



Faculty Coordinators
Mr. Nitin Chauhan





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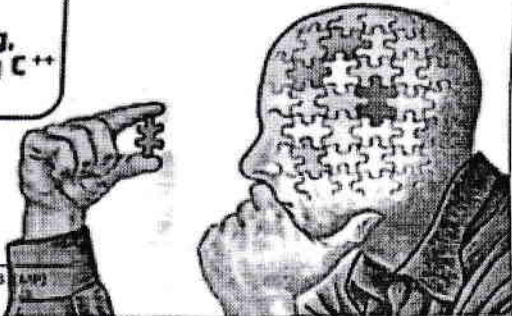
Department of Electronics & Communication

TRAINING
on
**Logic Building & Core Programming,
Algorithms & Data Structures using C++**

In association with
Programming World
Module-1
40 Hrs training for III year
From: 28 August 2023

Resource Person: Mr. Pankaj Wadhvani **Coordinators:** Mr. Nitin Chauhan

IIST Campus, Opp. BWA(Indore), Rau-Pithampur Road, Rau, Indore 453333 (M.P.)
Toll Free: 1800 103 3069 | 822 507 1000 / 822 407 1000






Principal
Indore Institute of Science and Technology, Indore



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2023-2024

Logic Building and Core Programming, Algorithm and data structure using C++ Module -2



Indore Institute of
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Department of Electronics & Communication
Training on

Logic Building and Core Programming, Algorithms and Data
Structure Using C++ Module-2

40 Hrs Training for
B.Tech Second Year / Third Sem
Session: July-Dec 2023

Coordinator:
I. Dr. Mukesh Patidar
Resource Person:
Mr. Pankaj Wadhvani



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Event Report

Academic Year – 2023-24

Session: July to Dec 2023

Name of Event: **Training on Logic Building and Core Programing, Algorithms and Data Structure Using C++ Module-2**

Date of Event: 21 August 2023 Onwards

Organizing Dept.: ECE Department

Event Coordinator: Dr. Mukesh Patidar

Name of Partner / co-organizer (If Industry is involved): Trainer IIST

Address: IIST EC Department

Contact No.: 9993634742

Email Id: pankaj.wadhvani@indoreinstitute.com

Name of Industry Representative: Mr. Pankaj Wadhvani

Contact No.: 7415559991

Email Id: Pankaj.wadhvani@indoreinstitute.com

Name of Expert/Guest: NA

Institute / Company: NA

Designation: _____ NA _____, Department: NA

Address: 182, Greater Vaishali Nagar, Indore, Madhya Pradesh 452009, India

Contact No.: 074155 59991 Email Id: Pankaj.wadhvani@indoreinstitute.com

Details of Participants:

No. of Institutes Participated .	No. of Students Participated	Department	No. of Industry Representative	Remark if any
		EC / ECS		
1	34	EC	00	No

*Please enclose a detailed list.

Also enclosed following details:

1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print/Social
3. Detailed summary on event. (Outcome)
4. Media Report (attach copy of newspaper)/ write-up for media/ FB write-up
5. Certificate / Letter (if printed by Institute or Organizing Partner)



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DATE: 18/08/2023

NOTICE

This is to inform you that Department of Electronics & Communication is going to organize Training on Logic Building and Core Programing, Algorithms and Data Structure Using C++ Module-2 conducted by IIST EC Department from 21st August Onwards 2023. All the students of B.Tech II Year Batch 2022-26 will have to participate actively in this event so that you will get benefits from that event. The venue of this event will be Matlab Lab, A Block Computer Center.

Resource Person:

1. Mr. Pankaj Wadhvani

Faculty Coordinators:

1. Mr. Mukesh Patidar

So, I invite all the interested Students to attend/participate in the workshop and get the advantages.

HOD ECE




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DATE: 16/08/2023

Approval Letter


Department of Electronics & Communication Engineering interested to organize 40 Hours Training on Logic Building and Core Programming, Algorithms and Data Structure Using C++ Module-2 from 21st August Onwards 2023 under IoT SIG.

Kindly approve for organize Training in the department.


We hope for a positive response.

Thanks & Regards

Coordinator:
Dr. Mukesh Patidar
Electronics & Communication Department
IIST Indore.


HOD
Mr. Ankit Jain




Principal
Indore Institute of Science
and Technology, Indore

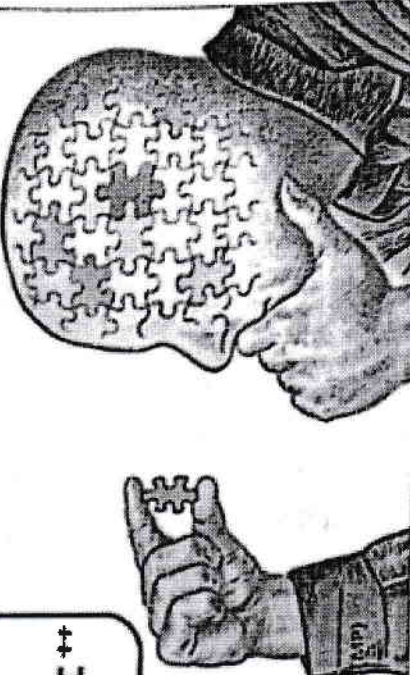
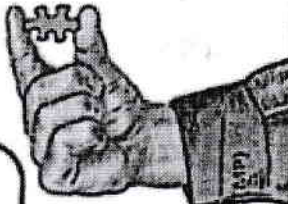
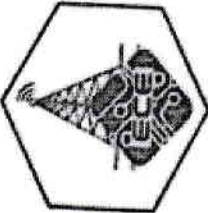


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Department of Electronics & Communication

TRAINING
ON

**Logic Building & Core Programming,
Algorithms & Data Structures using C ++**

In association with
Programming World
Module- II

40 Hrs training for II year
From: 21 August 2023

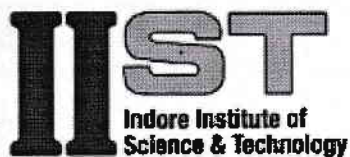
Resource Person:
Mr. Pankaj Wadhvani

Coordinators
Dr. Mukesh Patidar

IIST Campus, Opp. IIM(Indore), Rau-Pithampur Road, Rau, Indore 453331 (M.P.)
Toll Free: 1800 103 3069 | 822 587 1000 / 822 407 1000



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DATE: 30/10/2023

Summary


The Department of Electronics and Communication Engineering successfully conducted a training program on "Logic Building and Core Programming, Algorithms, and Data Structures Using C++ (Module-2)", organized by the IIST EC Department starting from 21st August 2023. The event witnessed enthusiastic participation from a total of 34 second-year B.Tech students, who actively engaged in the hands-on sessions and activities designed to enhance their understanding of programming skills, algorithmic thinking, and proficiency in C++. The department extends its gratitude to Mr. Pankaj Wadhvani Sir for his insightful sessions and the students for their active involvement, making the program a valuable learning experience.

Faculty Coordinators
Dr. Mukesh Patidar



SIG On Front End Development Essential




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DATE:10/02/2024

NOTICE

This is to inform you that Department of Electronics & Communication is going to organize Internship cum Training on IoT ready frontend essentials conducted by IIST EC Department from 16th to 24th Jan, 2024. All the students of Batch 2018-19 will have to participate actively in this event so that you will get benefits from that event. The event will be held online from 10:30AM to 3:30PM.

Faculty Coordinators:

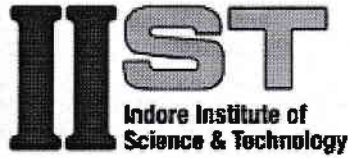
- a) Mr. Shравan Kumar Namdeo
- b) Mr. Nitin Chauhan

So, I invite all the interested Students to attend/participate in the workshop and get the advantages.

HOD ECE



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Certificate Course on Mastering IoT: Advanced Techniques & Applications

Indore Institute of Science and Technology, Indore (NAAC A+)

Note

Friday, May 3, 2024

Subject: Proposal for 3rd Yr. Electronics and Communication SIG from 06th May 24 to 11 May 24 | "Mastering IoT: Advanced Techniques & Application"

1. This is a proposal for the Skill Improvement Program (SIG) aimed at teaching student's various applications of IoT. The program is scheduled to take place from May 6th to May 11th, 2024. The SIG will cover advanced concepts of IoT Builder, with support provided by Proteus-Cyber Motion. Mr. Ankit Muley will be the trainer for the SIG, while Mr. Nitin Chauhan and Mr. Shravan Namdeo will act as coordinators.
2. This SIG aims to give third-year Electronics and Communication students at IIST Indore a chance to gain practical experience and learn project development methods. Our faculty members will also have an opportunity to improve their skills, which will, in turn, contribute to the growth and development of our institution.



Dr Amit Saxena

Head of Department,
Electronics and Communication

Recommended By

Dr Keshav Patidar

Principal

Principal, Indore Institute of Science
IIST, Indore
and Technology, Indore

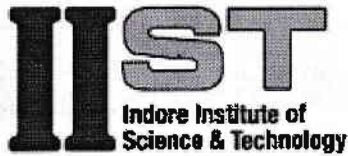
Approved By

Arun S Bhatnagar
Group Advisor
SPARSH & SEWS

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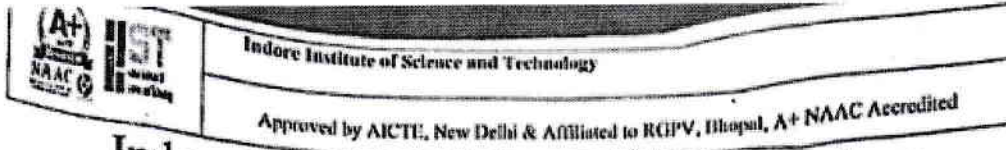


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2023-2024



Indore Institute of Science and Technology Event Report

Academic Year – 2023-24 Session: Jan to June 2024

Name of Event: Workshop on Mastering IoT: Advanced Techniques & applications

Date of Event: 6th to 11th May 2024

Organizing Dept.: ECE Department

Event Coordinator: Mr. Nitin Chauhan and Mr. Shravan Kumar nardeo

Name of Partner / co-organizer (If Industry is involved):

Address:

Contact No.: Email Id:

Name of Industry Representative:

Contact No.: Email Id:

Name of Expert/Guest: _____

Institute / Company: _____

Designation: _____, Department: _____

Address: _____

Contact No.: _____, Email Id: _____

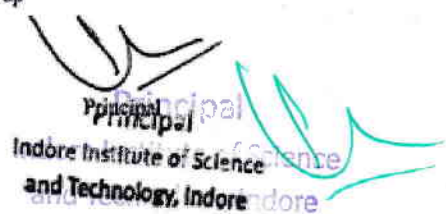
Details of Participants:

No. of Institutes Participated	No. of Students Participated	Department		No. of Industry Representative	Remark if any
		CSE/IT/EC/ME/CM/ESH			
1	18	ECE		0	

*Please enclose a detailed list.

Also enclosed following details:

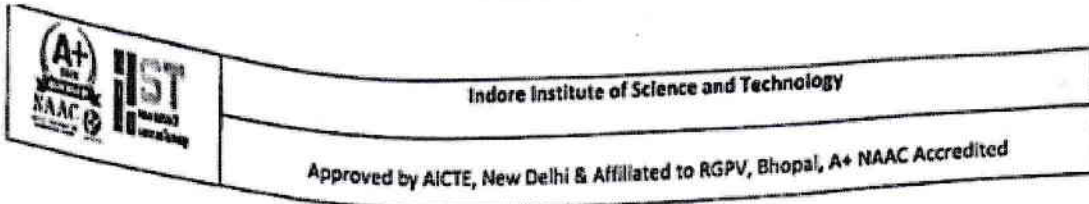
1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print/Social
3. Detailed summary on event. (Outcome)
4. Media Report (attach copy of newspaper)/ write-up for media/ FB write-up
5. Certificate / Letter (if printed by Institute or Organizing Partner)





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DATE:3/05/2024

NOTICE

This is to inform you that Department of Electronics & Communication is going to organize workshop on Mastering IoT: Advanced Techniques & Applications conducted by IIST EC Department from 6th to 11th May, 2024. All the students of Batch 2020-24 will have to participate actively in this event so that you will get benefits from that event. The event will be held online from 9:30AM to 3:30PM.

Faculty Coordinators:

- a) Mr. Nitin Chauhan
- b) Mr. Shravan Kumar Namdeo

So, I invite all the interested Students to attend/participate in the workshop and get the advantages.



[Handwritten Signature]
Principal

Indore Principal of Science and Technology, Indore



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DATE: 3rd May, 2024

Approval Letter

Department of Electronics & Communication Engineering interested to organize one week Certificate course on Mastering IoT: Advanced Techniques & applications from 6th May to 11th May 2024 under IoT SIG.

Kindly approve for organizing the workshop in the department.

Proposal enclosed herewith.

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IIST



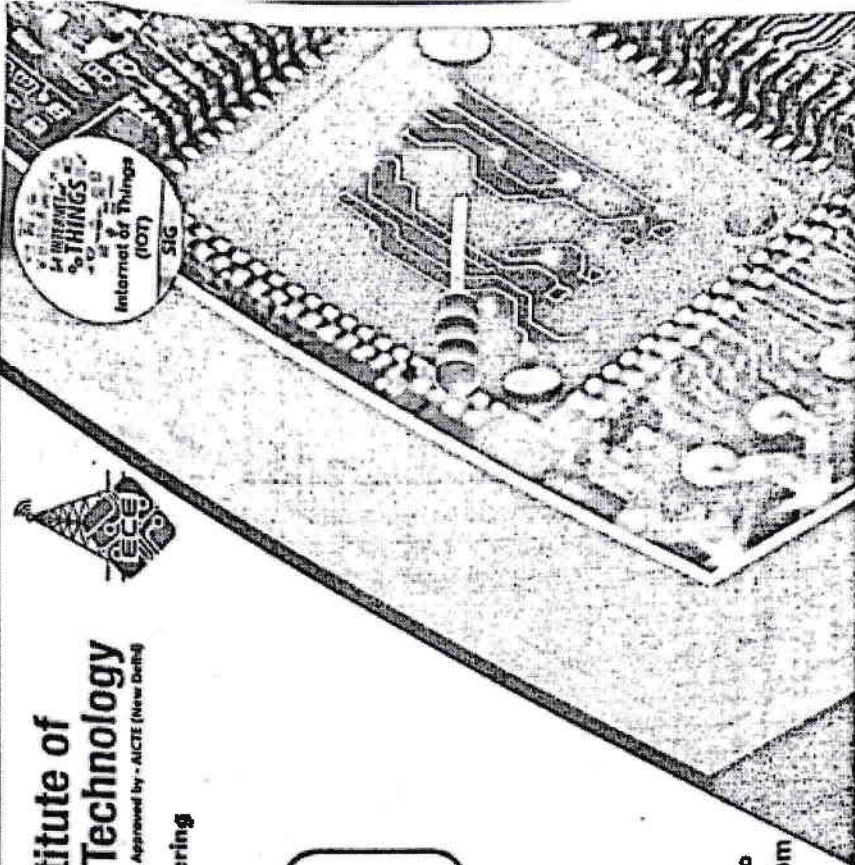
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Department of Electronics & Communication Engineering

Semester IV (Jan-June 2024)

Certificate Course
**Mastering IoT:
Advanced Techniques and
Applications**

40 Hrs training

for ECE - 3rd year

From: 6th May 2024 | 9:30 am onward

Resource Persons:

**Mr. Ankit Muley
(Trainer)**

Faculty Coordinators: Mr. Nitin Chauhan, Mr. Shravan Namdeo

Contact: +91 87003 26744 | Email: ec@indoreinstitute.com

Student Coordinators: Durgesh Tripathi, Mansi Lashkari



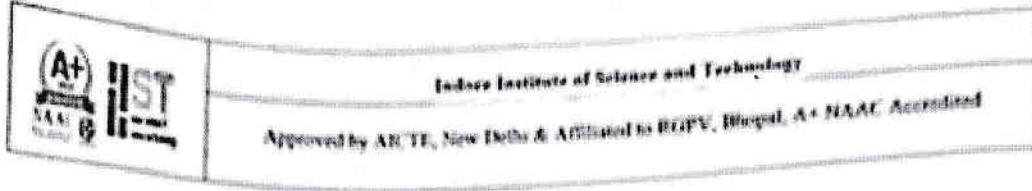
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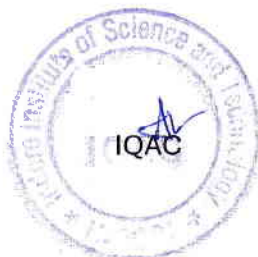


DATE: 13/05/2024

Summary

Department of Electronics and Communication Engineering Successfully complete workshop on Mastering IoT: Advanced Techniques & applications from 6th to 11th Sep, 2024 and 18 students successfully participate in the workshop. This Workshop introduces students to the amazing world of IoT and its fascinating applications. Through this Workshop, students can build an IoT-based electronic device that can form the basis for smart buildings, smart irrigation systems, smart water monitoring, automatic street lighting systems, and home automation systems. They can also learn how to write programs, and relate the sensed data, and use Cloud computing basis concepts with Node-MCU.

M. K. C. C.
Coordinator



[Signature]
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2023-2024

INDORE INSTITUTE OF SCIENCE TECHNOLOGY, INDORE
DEPARTMENT OF ELECTRONICS COMMUNICATION ENGINEERING

ONLINE WORKSHOP ON Mastering IoT: Advanced Techniques & Applications FOR SESSION JAN-JUNE 2024

Course Details	
Course Name	Online Workshop on Mastering IoT: Advanced Techniques & Applications
Eligible Students for course	ECE, Batch 2020-24
Date & Time	6th May 24 to 11th May, 2024 and 9:30 AM onwards
Mode of Internship Cum Training	Offline
Software download link	https://colab.research.google.com/drive/1C1_hc9xaY5yPvmU1pobeCOiL4gtksM1
Hardware Required	ESP32 with Arduino IDE
If applicable play store link	NA
Pre-requisites	No Pre-requisites
Setup Required	Installed Google Meet and PC's / Laptop with colab (link mention above). With ESP32 and Arduino IDE
Google meet link to download	https://play.google.com/store/apps/details?id=com.google.android.apps.meetings&hl=en-IN
Meet ID's to join	Shared Before class start
Assessment of Course	In the end Quiz test will be conducted
Resource Person	Mr. Ankit Muley

Course Objective

The objective is to engage students in high-level critical and creative thinking skills with an emphasis on programming concepts.

Create a variety of python and IoT projects that include math operations, variables, and logic in various protocols for IoT like MQTT, CoAP and many more.

Course Outline

Python programming Basic

IoT and ESP32 Basics

Introduction to ESP8266 Board

Blynk App integration

IFTTT POST & GET

Thinkspeak Get & POST

MQTT Client

CoAP Protocol



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2023-2024



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Electronics & Communication Engineering









Certificate


This is to certify that **Mr./Ms. Yoganshi Sharma** Enrollment No. **0819EC211066** has successfully completed Workshop/Internship/ Training/Seminar on **SIG on Advanced Techniques and Application under IOT** from **06/05/2024** to **11/04/2024** organized by Department of Electronics & Communication Engineering, Indore Institute of Science & Technology, Indore (M.P.)

(Signature)
Co-ordinator/H.O.D.

(Signature)
Principal

(Signature)
Director General





(Signature)
Principal
Indore Institute of Science
and Technology



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Full stack web development



Indore Institute of Science and Technology

Approved by AICTE, New Delhi & Affiliated to RGPV, Bhopal

Event Report

Academic Year -2023-2024

Session: July-Dec-2023

Name of Event: Expert Lecture

Date of Event: 15/09/23

Topic: Full stack development and Data science

Organizing Dept.: CSE

Event Coordinator: Ms.Poorva Shukla, Mr.Amit goud

Name of Trainer: Mr. Goutham Dalai
Institute / Company: thebirds.in
Designation: Cooperate Trainer
Address: IIT Kharagpur

Contact No.: 9109662295

Email Id:

Details of Participants:

No. of Institutes Participated	No. of Students Participated	Department	No. of Industry Representative	Remark if any
		CSE/IT		
1	120	CSE/IT	1	

*Please enclose a detailed list.

Also enclosed following details:

1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print/Social
3. Detailed summary of events. (Outcome)
4. Notice to students and faculty (Notice board notice copy, WhatsApp / Mail information copy) :
5. List of Participate and Day wise attendance

HOD



Principal



Principal
Indore Institute of Science and Technology
Principal



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Indore Institute of Science and Technology Approved by AICTE, New Delhi & Affiliated to RGPV, Bhopal

Date: 13/09/2023

Approval letter

To,
The Principal
Indore Institute of Science and Technology, Indore

Subject: Proposal for Expert Lecture on "Full Stack Development & Data Science" on 15/09/2023.

Respected sir,

Department of Computer Science and Engineering is planning to organize a expert lecture on Full Stack Development & Data Science for the students of B Tech II nd Year (CSE, IT) on 15/09/2023 at 2:40 pm. The expert is Mr.Goutham Dalai. It is our request to kindly allow us for the same.

Yours faithfully
Ms.Poorva Shukla & Mr.Amit Goud
Assistant Professor
Computer Science & Engineering Department
IIST Indore

HOD



Principal

Principal
Indore Institute of Science
and Technology, Indore



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Department of Computer Science and Engineering

Date: 13/09/2023

Notice

All B Tech II nd year (CSE, IT) students are hereby notified that an Expert Lecture on "Full Stack Development & Data Science" would be held on 15/09/2023. The Expert Lecture will be led by a Mr. Goutham Dalai .

All students are required to attend the session.

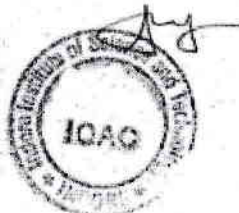
Time: - 2:40 PM

Coordinator
Ms. Poorva Shukla
Mr. Amit Goud



Principal

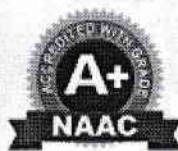
Dean CSE/IT/AIML



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Department of Computer Science and Engineering

Summary/Report for Expert Lecture
on

“Full stack development & Data Science”

Title : Full stack development & Data Science

Date of Event : 15/09/2023

Trainer : Mr. Goutham Dalai

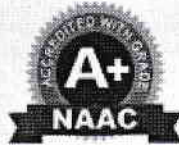
Coordinator : Ms. Poorva Shukla, Mr. Amit Goud

Summary:

The Computer Science and Engineering department organized an Expert Lecture on “Full stack development & Data Science”. The Lecture has been taken by Mr. Goutham Dalai . He discusses full stack development and various related concepts of data science techniques from scratch and he explains so many important concepts of data mining with decision-making, data storage, and revenue generation and also explains how it is helpful for organizations to maintain complex data processing systems. The technology is very demanding and has a great potential to accelerate the career of students. The main purpose of this expert talk was to enable students to get detailed insights of full stack development with hands-on models. This Training was very beneficial for students looking towards the industry point of view and to make decisions about their career prospective. So that we cover the main tagline of our institute that is employability quotient and holistic development of students this kind of training proves that we work for the development of students to make industry ready.



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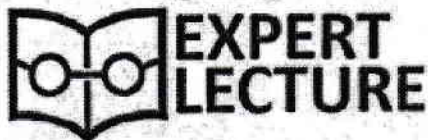
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Department of CSE

Organizing



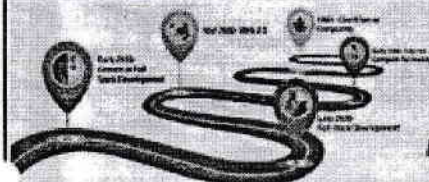
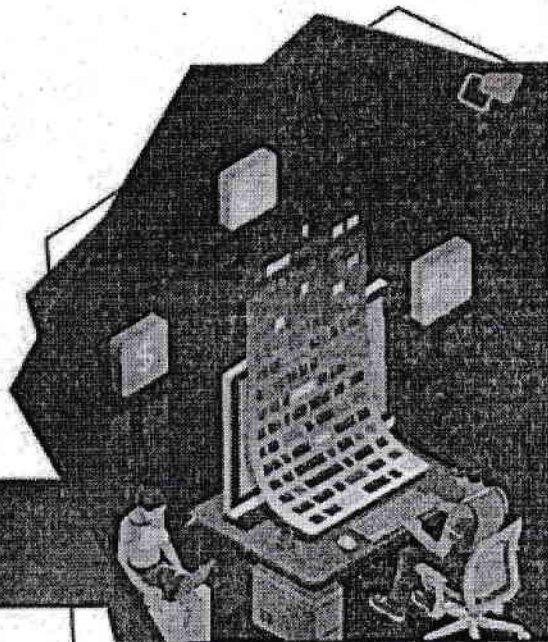
on

**FULL STACK
DEVELOPMENT
& DATA SCIENCE**

Expert Speaker

MR. Goutham Dalai

Co-Founder - thebirds.in
IIT Kharagpur



**HISTORY
OF
FULL-STACK
DEVELOPMENT**

Date: 15th September, 2023
Time: 02:40 PM
Venue: Seminar Hall-II, IIST

Faculty Coordinators:
Ms. Poorva Shukla | Mr. Anil Goud

IIST Campus, Opp. BM(Indore), Rau-Pithampur Road, Rau, Indore 453331(MP)
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Principal
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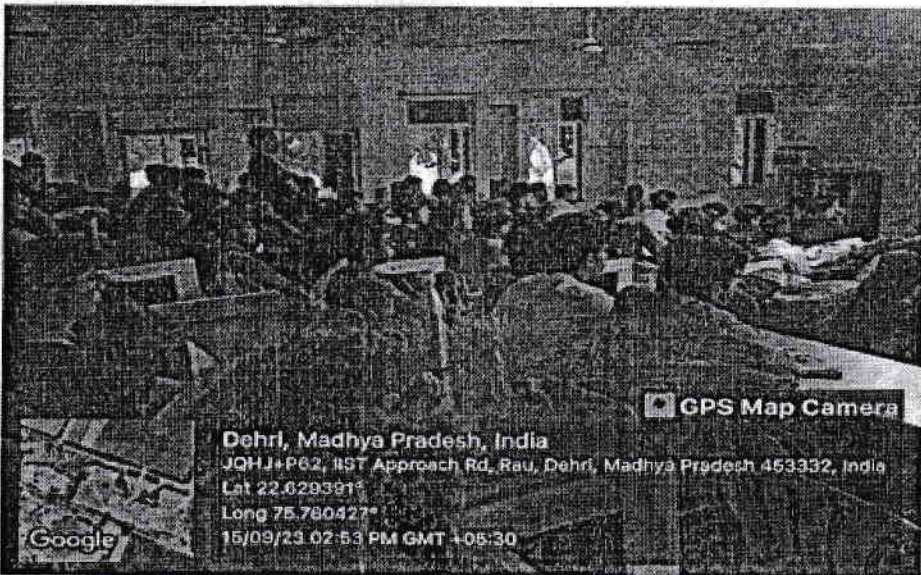
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2023-2024



Dehri, Madhya Pradesh, India
JQHJ+P82, IIST Approach Rd, Rau, Dehri, Madhya Pradesh 483332, India
Lat 22.629404°
Long 75.780427°
15/09/23 02:53 PM GMT +06:00



Dehri, Madhya Pradesh, India
JQHJ+P82, IIST Approach Rd, Rau, Dehri, Madhya Pradesh 453332, India
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Long 75.780427°
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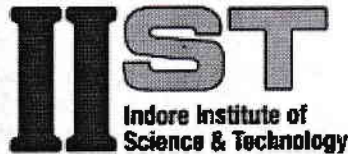


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“Full stack development and Data science”

Objectives and Course Outcomes:-

Learning Objectives

The objective of the Expert Lecture is

- Use their learned skills, knowledge and abilities to develop web sites for the internet
- Apply basic design principles to present ideas, information, products, and services on websites
- Apply basic programming principles to the construction of websites
- Effectively manage website projects using available resources
- Demonstrate communication skills, service management skills, and presentation skills
- Complete job preparation tasks including writing resumes and cover letters, conducting job interviews and developing an ePortfolio
- Apply employability skills including fundamental skills, personal management skills, and teamwork skills

Course Outcomes

After completing this expert lecture, the student will be able to-

- Developing and maintaining web services and interfaces
- Contributing to front-end and back-end development processes
- Building new product features or APIs
- Performing tests, troubleshooting software, and fixing bugs
- Collaborating with other departments on projects and sprints
- Assisting with software design and development
- Writing clean code for the software's front and back ends



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4. Algolution: Evolution of coding through Algorithm



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Event Report

Academic Year : 2023-2024

Session: July-Dec,2023

Name of Event: Training

Topic: Evolution of coding through Algorithm

Start Date of Event: 11/09/23

End Date of Event: 15/12/23

Organizing Dept.: CSE

Event Coordinator: Neeraj Paliwal

Trainer's Detail:

Name of Trainer: Mr. Ankush Saklecha
Institute / Company: IIST
Designation: Corporate Trainer
Department: CSE
Contact No.: 9685285381
Email Id: ankush.saklecha@indoreinstitute.com

Details of Participants:

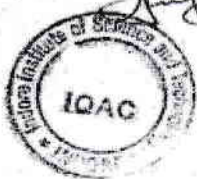
No. of Institutes Participated	No. of Students Participated	Department	No. of Industry Representative	Remark if any
		CSE/IT		
1	281	CSE/IT	0	

*Please enclose a detailed list.

Also enclosed following details:

1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print/Social
3. Detailed summary of events. (Outcome)
4. Notice to students and faculty (Notice board notice copy, WhatsApp / Mail information copy) :
5. List of Participate and Day wise attendance

HOD



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Date: 04/09/2023

Approval letter

To,
The Principal
Indore Institute of Science and Technology, Indore

Subject: Proposal for 45 hours training on "ALGOLUTION : Evolution of coding through Algorithm " from 11th September to 20th November 2023

Respected sir,
Department of Computer Science and Engineering is planning to organize 45 hours training on **ALGOLUTION : Evolution of coding through Algorithm** for the students of B Tech 3rd Year 5th sem (CSE, IT) from 11th September to 15th December 2023. The expert is Mr. Ankush Saklecha. It is our request to kindly allow us for the same.

Yours faithfully
Mr. Neeraj Paliwal
Assistant Professor
Computer Science & Engineering Department
IIST Indore

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Department of Computer Science and Engineering

Date: 05/09/2023


Notice

All B Tech 3rd year 5th sem (CSE, IT) students are hereby notified that a Training program on **ALGOLUTION : Evolution of coding through Algorithm "** would be held from 11th September to 15th December 2023.


The training will be led by a Mr. Ankush Saklecha from Indore.

All students are required to attend the session.

~~Coordinator~~


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Department of Computer Science and Engineering

Summary/Report for Training on

“ALGOLUTION : Evolution of coding through Algorithm”

Title : ALGOLUTION : Evolution of coding through Algorithm

Date of Event : 11/09/2023 to 15/12/2023

Trainer : Mr. Ankush Saklecha

Coordinator : Mr. Neeraj Paliwal

Summary:

Computer Science and Engineering department organized training on “ALGOLUTION : Evolution of coding through Algorithm” for 45 hours. The Training has been taken by Mr. Ankush Saklecha. He gave training on ‘Evolution of coding through Algorithm using C language’ from scratch and he explains various concepts related with Data Structure and Algorithm. Data structure is one of the most important skills that every computer science student must have. It is often seen that people with good knowledge of DSA are better programmers than others and thus, crack the interviews of almost every tech giant. etc. DSA is very demanding and has a great potential to accelerate the career of students. The main purpose of this training was to enable students to get detailed insights of logical problems of DSA with hands-on. So that we cover the main tagline of our institute that is employability quotient and holistic development of students this kind of training proves that we work for the development of students to make industry ready.




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Department of Computer Science & Engineering

Semester V (July-Dec 2023)

Training
on
ALGOLUTION:
Evolution of coding through Algorithms

45 Hrs training
From: 11th Sept, 2023

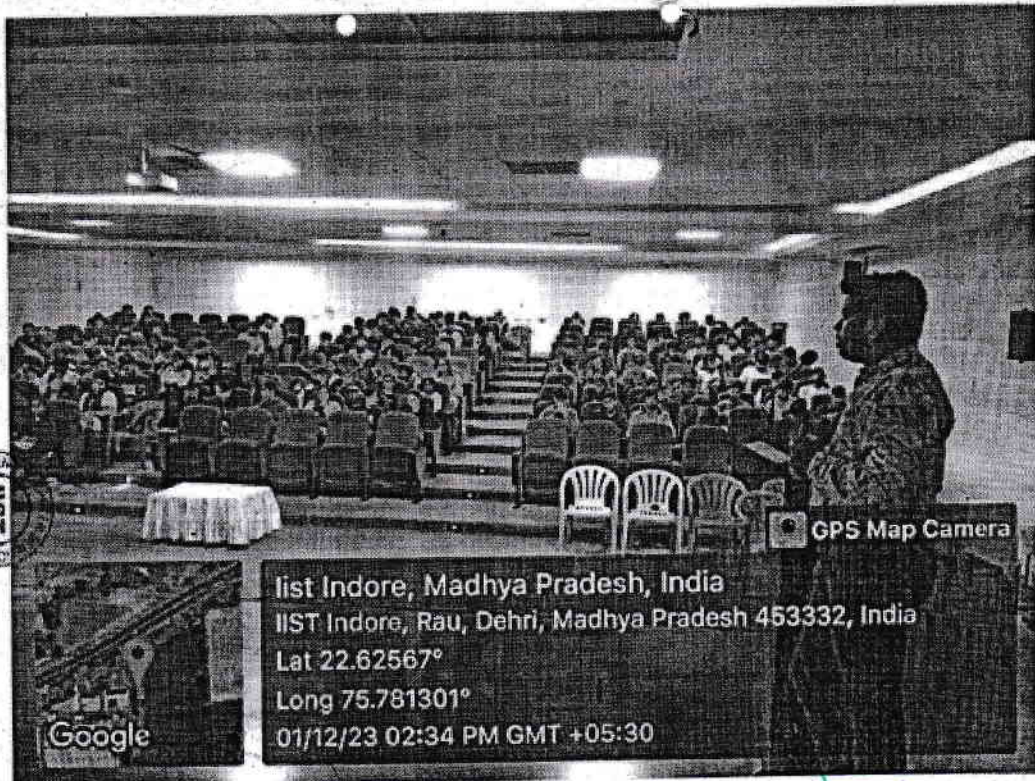
Resource Persons:
Mr. Ankush Saklecha
(Trainer)

Faculty Coordinator: Mr. Neeraj Paliwal
Contact: +91 94259 93523

```

33 self.finger
34 self.log
35 self.deb
36 self.log
37 if path:
38     self.f
39     self.file
40     self.fingerprints
41
42 @classmethod
43 def from_settings(cls, set
44     debug = settings.getbo
45     return cls(job_dir=se
46
47 def request_seen(self, re
48     fp = self.request_fin
49     if fp in self.fingerp
50     return True
51     self.fingerprints.ad
52     if self.file:
53         self.file.write
54
55 def request_fingerprint
56     return request_fing

```



Google

list Indore, Madhya Pradesh, India
IIST Indore, Rau, Dehri, Madhya Pradesh 453332, India
Lat 22.62567°
Long 75.781301°
01/12/23 02:34 PM GMT +05:30

GPS Map Camera



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ALGOLUTION : Evolution of coding through Algorithm

Objectives and Course Outcomes:-

> Learning Objectives

The objective of the training is:

- To understand the applications and demand of DSA for optimizing algorithm and logic building.
- To be able to create/understand the code of C, C++, Java or Python programming languages.
- To understand the various techniques to optimizing algorithm, related with data structure.
- To be able to enhance the competency level of students as per the industry requirements.

> Course Outcomes

After completing this training, the student will be able to-

- Appreciate the importance of Evolution of coding, big companies like Google, Facebook, and Amazon hire programmers, who are exceptionally good at optimizing Algorithms.
- Apply competency towards the development of web-based models like enterprise web-development and distributed web-development.
- Apply the knowledge of any programming language to implement DSA concepts.



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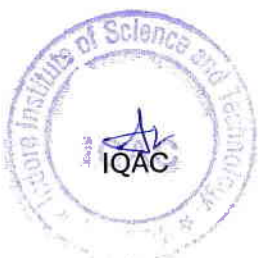


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2023-2024

Indore Institute of Science and Technology												
Department of Computer Science and Engineering												
III Year (CSI) - SIG ATTENDANCE (Per-Week) <i>Acta</i>												
S.No	Roll Number	Name	11/03/23	12/03/23	13/03/23	14/03/23	15/03/23	16/03/23	17/03/23	18/03/23	19/03/23	20/03/23
1	0818CS21001	AADITYA JATAW	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
2	0818CS21002	AARYA DUBEY	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
3	0818CS21003	AASTHA BHARWA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
4	0818CS21004	AAYUSH CHOURAN	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
5	0818CS21005	AAYUSH SINGH CHOURAN	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
6	0818CS21006	ABHINAV SAXENA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
7	0818CS21007	ABHINAV CHOURAN	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
8	0818CS21008	ABHIRAM SAXENA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
9	0818CS21009	ABHIRAM RAJPOOT	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
10	0818CS21010	ADITYA CHOURAN	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
11	0818CS21011	ADITYA KUMAR	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
12	0818CS21012	ADITYA PATEL	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
13	0818CS21013	AJAY SINGH NIGAM	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
14	0818CS21014	AJAY RAJPUT	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
15	0818CS21015	AJAY TRIPATHI	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
16	0818CS21016	AJAY K. K. K.	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
17	0818CS21017	AJAY TAYWAR	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
18	0818CS21018	AJAY CHILHATE	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
19	0818CS21019	AJAY JAT	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
20	0818CS21020	AJAY KUMAR	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
21	0818CS21021	AJAY SINGH	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
22	0818CS21022	AJAY SINGH	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
23	0818CS21023	AJAY CHOUHARY	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
24	0818CS21024	AJAY DURELE	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present



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28	081802211029	ASHAN KHOSI	10/10	05/10	10/10	11/10	12/10
29	081802211030	ASHAN VERMA	10/10	05/10	10/10	11/10	12/10
30	081802211031	ANR JAC	10/10	05/10	10/10	11/10	12/10
31	081802211032	ANAKH DUBEY	10/10	05/10	10/10	11/10	12/10
32	081802211033	ANIKET JIRAN	10/10	05/10	10/10	11/10	12/10
33	081802211034	ANJALI PURDUMET	10/10	05/10	10/10	11/10	12/10
34	081802211035	ANSHUL LAD	10/10	05/10	10/10	11/10	12/10
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36	081802211037	ANISHA ARMAJAN	10/10	05/10	10/10	11/10	12/10
37	081802211038	ANUP THAKUR	10/10	05/10	10/10	11/10	12/10
38	081802211039	ANURAG RAGHUVANSHI	10/10	05/10	10/10	11/10	12/10
39	081802211040	APRISHA BETHI	10/10	05/10	10/10	11/10	12/10
40	081802211041	ARYAN GUPTA	10/10	05/10	10/10	11/10	12/10
41	081802211042	ARYAN MAHA	10/10	05/10	10/10	11/10	12/10
42	081802211043	ARYAN TAPAKAR	10/10	05/10	10/10	11/10	12/10
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44	081802211045	ASHISH TINGKAR	10/10	05/10	10/10	11/10	12/10
45	081802211046	ASHWIN KADSE	10/10	05/10	10/10	11/10	12/10
46	081802211047	ASHWIN SABLE	10/10	05/10	10/10	11/10	12/10
47	081802211048	ATANUVA ATRE	10/10	05/10	10/10	11/10	12/10
48	081802211049	ATHANV ESHWARWAR	10/10	05/10	10/10	11/10	12/10
49	081802211050	ATINSHI DIXITWAN	10/10	05/10	10/10	11/10	12/10
50	081802211051	AVINASH SINGH	10/10	05/10	10/10	11/10	12/10
51	081802211052	AYUSH JAIN	10/10	05/10	10/10	11/10	12/10
52	081802211053	BHAVESH RAMAN	10/10	05/10	10/10	11/10	12/10
53	081802211054	CHAYAT CHOUDHARI	10/10	05/10	10/10	11/10	12/10
54	081802211055	CHANCHLESBI HEGADE	10/10	05/10	10/10	11/10	12/10



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55	081802211056	CHANDANI KUMARI	10/10	05/10	10/10	11/10	12/10
56	081802211057	CHANDRA BOLI PARWAR	10/10	05/10	10/10	11/10	12/10
57	081802211058	CHENRAY VIJAY	10/10	05/10	10/10	11/10	12/10
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66	081802211067	CHIRAV PANCHAL	10/10	05/10	10/10	11/10	12/10
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73	081802211074	CHIRSHI SARKAR	10/10	05/10	10/10	11/10	12/10
74	081802211075	CHIRSHI PANWAR	10/10	05/10	10/10	11/10	12/10

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Indore Institute of Science and Technology																					
Department of Computer Science and Engineering																					
III Year (CSI) - SIG ATTENDANCE (Full-Stack)																					
S.No	Enrollment No	Name	Abs																		
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20	0818CS211020	ALINA KHAN	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
21	0818CS211021	AMAY RAOJAN	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
22	0818CS211022	AMAN BHARDE	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
23	0818CS211023	AMAN CHOUHAN	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
24	0818CS211024	ANAM RAJEE	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A



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21/11 20/11



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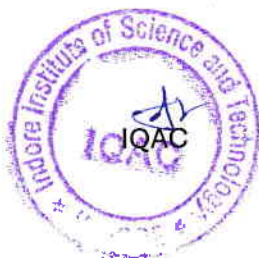


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24	0818C8211026	AMAN VERMA	A	A	A	A	A	A	A	A	A	A	A	A
25	0818C8211027	AMY JAT	A	A	A	A	A	A	A	A	A	A	A	A
26	0818C8211028	ANAND DUBEY	A	A	A	A	A	A	A	A	A	A	A	A
27	0818C8211029	ANIKET BHADA	A	A	A	A	A	A	A	A	A	A	A	A
28	0818C8211030	ANILU PANDIT	A	A	A	A	A	A	A	A	A	A	A	A
29	0818C8211031	ANSHU LAD	A	A	A	A	A	A	A	A	A	A	A	A
30	0818C8211032	ANSHU SHARMA	A	A	A	A	A	A	A	A	A	A	A	A
31	0818C8211033	ANSHU MAHARAJ	A	A	A	A	A	A	A	A	A	A	A	A
32	0818C8211034	ANUP TIWARI	A	A	A	A	A	A	A	A	A	A	A	A
33	0818C8211035	ANURAG RAJBHANSARI	A	A	A	A	A	A	A	A	A	A	A	A
34	0818C8211036	APRISHA SETHI	A	A	A	A	A	A	A	A	A	A	A	A
35	0818C8211037	ARYAN GUPTA	A	A	A	A	A	A	A	A	A	A	A	A
36	0818C8211038	ARYAN MALH	A	A	A	A	A	A	A	A	A	A	A	A
37	0818C8211039	ARYAN TAMRAKAR	A	A	A	A	A	A	A	A	A	A	A	A
38	0818C8211040	ARUNO DHARDE	A	A	A	A	A	A	A	A	A	A	A	A
39	0818C8211041	ASHISH THAKUR	A	A	A	A	A	A	A	A	A	A	A	A
40	0818C8211042	ASHISH KUMAR	A	A	A	A	A	A	A	A	A	A	A	A
41	0818C8211043	ASUTOSH BAKLE	A	A	A	A	A	A	A	A	A	A	A	A
42	0818C8211044	ATARV AROR	A	A	A	A	A	A	A	A	A	A	A	A
43	0818C8211045	ATARV BHAWAN	A	A	A	A	A	A	A	A	A	A	A	A
44	0818C8211046	ATIKESH CHOUHAN	A	A	A	A	A	A	A	A	A	A	A	A
45	0818C8211047	AVANSHI SHARMA	A	A	A	A	A	A	A	A	A	A	A	A
46	0818C8211048	AYUSH JAIN	A	A	A	A	A	A	A	A	A	A	A	A
47	0818C8211049	SHAVESH RAMANI	A	A	A	A	A	A	A	A	A	A	A	A
48	0818C8211050	IMRAT CHELHAN	A	A	A	A	A	A	A	A	A	A	A	A
49	0818C8211051	CHANDRANISH HEDGEO	A	A	A	A	A	A	A	A	A	A	A	A



12/10

21/11 20/11



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22	0818CS211052	CHANDANI KUMARI	Chandani	Chandani	Chandani	Chandani	A	A	A	A	A	A	A
23	0818CS211053	CHAYORA MOU PARMAR	Chayora	Chayora	Chayora	Chayora	A	A	A	A	A	A	A
24	0818CS211054	CHINMAY VYAS	Chinmay	Chinmay	Chinmay	Chinmay	A	A	A	A	A	A	A
25	0818CS211055	DARSHAN UPADHYAY	Darshan	Darshan	Darshan	Darshan	A	A	A	A	A	A	A
26	0818CS211056	DEVENDRA BATHORE	Devendra	Devendra	Devendra	Devendra	A	A	A	A	A	A	A
27	0818CS211057	DHARU DANGI	Dharu	Dharu	Dharu	Dharu	A	A	A	A	A	A	A
28	0818CS211058	CHEERAJ DODARSE	Cheeraj	Cheeraj	Cheeraj	Cheeraj	A	A	A	A	A	A	A
29	0818CS211059	DIKSHANT FUJZE	Dikshant	Dikshant	Dikshant	Dikshant	A	A	A	A	A	A	A
30	0818CS211060	DIPESH KUSHWAH	Dipesh	Dipesh	Dipesh	Dipesh	A	A	A	A	A	A	A
31	0818CS211061	DIVYANSH LAAD	Divyansh	Divyansh	Divyansh	Divyansh	A	A	A	A	A	A	A
32	0818CS211062	GAURAV GAIK	Gaurav	Gaurav	Gaurav	Gaurav	A	A	A	A	A	A	A
33	0818CS211063	GAURAV PANCHAL	Gaurav	Gaurav	Gaurav	Gaurav	A	A	A	A	A	A	A
34	0818CS211064	HARSH SRATI	Harsh	Harsh	Harsh	Harsh	A	A	A	A	A	A	A
35	0818CS211065	HARISH PRAJAPAT	Harish	Harish	Harish	Harish	A	A	A	A	A	A	A
36	0818CS211066	HARSH HATEJ	Harsh	Harsh	Harsh	Harsh	A	A	A	A	A	A	A
37	0818CS211067	HARSH HOSAYANI	Harsh	Harsh	Harsh	Harsh	A	A	A	A	A	A	A
38	0818CS211068	HARSH KHATRI	Harsh	Harsh	Harsh	Harsh	A	A	A	A	A	A	A
39	0818CS211069	HARSH PRASAD	Harsh	Harsh	Harsh	Harsh	A	A	A	A	A	A	A
70	0818CS211070	HIRYANSHU BAGHEL	Hiryanshu	Hiryanshu	Hiryanshu	Hiryanshu	A	A	A	A	A	A	A
71	0818CS211071	RIKA DEEP PANWAR	Rika	Rika	Rika	Rika	A	A	A	A	A	A	A

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2023-2024

Indore Institute of Science & Technology
Department of Computer Science and Engineering
III Year (CSE) - SRG ATTENDANCE (ADA)

S.No	Registration No	Name																
1	0019CSE11001	ANGELIA JATAY																
2	0019CSE11002	ANITA KUMAR																
3	0019CSE11003	ANISHA SHARMA																
4	0019CSE11004	ARJUN CHOUHAN																
5	0019CSE11005	ARJUN BHOJCHANDAN																
6	0019CSE11006	ARSHAD KAMRAN																
7	0019CSE11007	ARSHAD KHAN																
8	0019CSE11008	ARSHAD KHAN																
9	0019CSE11009	ARSHAD KHAN																
10	0019CSE11010	ARSHAD KHAN																
11	0019CSE11011	ARSHAD KHAN																
12	0019CSE11012	ARSHAD KHAN																
13	0019CSE11013	ARSHAD KHAN																
14	0019CSE11014	ARSHAD KHAN																
15	0019CSE11015	ARSHAD KHAN																
16	0019CSE11016	ARSHAD KHAN																
17	0019CSE11017	ARSHAD KHAN																
18	0019CSE11018	ARSHAD KHAN																
19	0019CSE11019	ARSHAD KHAN																
20	0019CSE11020	ARSHAD KHAN																
21	0019CSE11021	ARSHAD KHAN																
22	0019CSE11022	ARSHAD KHAN																
23	0019CSE11023	ARSHAD KHAN																
24	0019CSE11024	ARSHAD KHAN																



25	0019CSE11025	ARSHAD KHAN																
26	0019CSE11026	ARSHAD KHAN																
27	0019CSE11027	ARSHAD KHAN																
28	0019CSE11028	ARSHAD KHAN																
29	0019CSE11029	ARSHAD KHAN																
30	0019CSE11030	ARSHAD KHAN																
31	0019CSE11031	ARSHAD KHAN																
32	0019CSE11032	ARSHAD KHAN																
33	0019CSE11033	ARSHAD KHAN																
34	0019CSE11034	ARSHAD KHAN																
35	0019CSE11035	ARSHAD KHAN																
36	0019CSE11036	ARSHAD KHAN																
37	0019CSE11037	ARSHAD KHAN																
38	0019CSE11038	ARSHAD KHAN																
39	0019CSE11039	ARSHAD KHAN																
40	0019CSE11040	ARSHAD KHAN																
41	0019CSE11041	ARSHAD KHAN																
42	0019CSE11042	ARSHAD KHAN																
43	0019CSE11043	ARSHAD KHAN																
44	0019CSE11044	ARSHAD KHAN																
45	0019CSE11045	ARSHAD KHAN																
46	0019CSE11046	ARSHAD KHAN																
47	0019CSE11047	ARSHAD KHAN																
48	0019CSE11048	ARSHAD KHAN																
49	0019CSE11049	ARSHAD KHAN																
50	0019CSE11050	ARSHAD KHAN																
51	0019CSE11051	ARSHAD KHAN																



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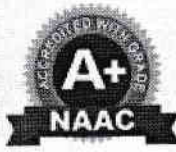
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2023-2024

31	081802011001	CHAUHAN KUMAR																		
32	081802011002	CHANDRA MOULI PANDAY																		
33	081802011003	CHINNAI VIJAY																		
34	081802011004	CHANDAN DEBANSI																		
35	081802011005	CHITRANGA KARTHIK																		
36	081802011006	CHANDU DANDA																		
37	081802011007	CHANDAN KUMAR																		
38	081802011008	CHANDAN KUMAR																		
39	081802011009	CHANDAN KUMAR																		
40	081802011010	CHANDAN KUMAR																		
41	081802011011	CHANDAN KUMAR																		
42	081802011012	CHANDAN KUMAR																		
43	081802011013	CHANDAN KUMAR																		
44	081802011014	CHANDAN KUMAR																		
45	081802011015	CHANDAN KUMAR																		
46	081802011016	CHANDAN KUMAR																		
47	081802011017	CHANDAN KUMAR																		
48	081802011018	CHANDAN KUMAR																		
49	081802011019	CHANDAN KUMAR																		
50	081802011020	CHANDAN KUMAR																		
51	081802011021	CHANDAN KUMAR																		



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Indore Institute of Science and Technology
Department of Computer Science and Engineering
III Year (CSE) - SIG ATTENDANCE (Roll No.)

11/10/23	Sl. No.	Enrollment No.	Name	11/9	10/9	15/9	20/9	26/9	27/9	28/9	30/9	03/10	11/10	05/10	09/10	10/10/23
	1	0818CSE11970	ANSHU SINGH													
	2	0818CSE11971	ANSHU MATHUR													
	3	0818CSE11972	ANSHU KUMAR													
	4	0818CSE11973	ANSHU VERMA													
	5	0818CSE11974	ANSHU SINGH													
	6	0818CSE11975	ANSHU SINGH													
	7	0818CSE11976	ANSHU SINGH													
	8	0818CSE11977	ANSHU SINGH													
	9	0818CSE11978	ANSHU SINGH													
	10	0818CSE11979	ANSHU SINGH													
	11	0818CSE11980	ANSHU SINGH													
	12	0818CSE11981	ANSHU SINGH													
	13	0818CSE11982	ANSHU SINGH													
	14	0818CSE11983	ANSHU SINGH													
	15	0818CSE11984	ANSHU SINGH													
	16	0818CSE11985	ANSHU SINGH													
	17	0818CSE11986	ANSHU SINGH													
	18	0818CSE11987	ANSHU SINGH													
	19	0818CSE11988	ANSHU SINGH													
	20	0818CSE11989	ANSHU SINGH													
	21	0818CSE11990	ANSHU SINGH													
	22	0818CSE11991	ANSHU SINGH													
	23	0818CSE11992	ANSHU SINGH													
	24	0818CSE11993	ANSHU SINGH													



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2023-2024

Sl. No.	Faculty Name																						
25	DR. R. S. SHARMA																						
26	DR. R. S. SHARMA																						
27	DR. R. S. SHARMA																						
28	DR. R. S. SHARMA																						
29	DR. R. S. SHARMA																						
30	DR. R. S. SHARMA																						
31	DR. R. S. SHARMA																						
32	DR. R. S. SHARMA																						
33	DR. R. S. SHARMA																						
34	DR. R. S. SHARMA																						
35	DR. R. S. SHARMA																						
36	DR. R. S. SHARMA																						
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41	DR. R. S. SHARMA																						
42	DR. R. S. SHARMA																						
43	DR. R. S. SHARMA																						
44	DR. R. S. SHARMA																						
45	DR. R. S. SHARMA																						
46	DR. R. S. SHARMA																						
47	DR. R. S. SHARMA																						
48	DR. R. S. SHARMA																						
49	DR. R. S. SHARMA																						
50	DR. R. S. SHARMA																						
51	DR. R. S. SHARMA																						



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Sl. No.	Name	Subject 1	Subject 2	Subject 3	Subject 4	Subject 5	Subject 6	Subject 7	Subject 8	Subject 9	Subject 10	Subject 11	Subject 12	Subject 13	Subject 14	Subject 15
31	PAWAN KUMAR	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
32	PAVAT YADAV	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
33	PIYUSH BURG	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
34	PIYUSH THAKUR	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
35	PRABAL PATIDAR	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
36	PRADHAN KUSHIK	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
37	PRADYUMN PANCHAL	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
38	PRANAV JAIN	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
39	PRANAV LOWANSHE	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
40	PRATHAM SINGH	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
41	PRITAM NAGAR	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
42	PRINAVSHU GOLA	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
43	PRINAVSHU SINGH	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
44	PRINAVSHU SINGH	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
45	PRINAVSHU SINGH	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
46	PRINAVSHU SINGH	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
47	RAHUL SONI	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
48	RAJ KATE	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
49	RAJ SINGH TOMAR	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
50	MEHETA VERMA	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
51	ANIKET PATIL	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
52	ANIKET PATIL	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
53	ANIKET PATIL	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
74	SHUBHAM VERMA	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
75	LAKESH RANIQ	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
76	DEBANSU KHANNA	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
77	ANIRUDH KUMAR	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass



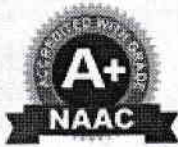
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Indore Institute of Science and Technology Department of Computer Science and Engineering III Year (CS2) - SIG ATTENDANCE (Full Stack)											
S.No	Enrollment No	Name	14/08/23	17/08/23	21/08/23	23/08/23	25/08/23	08/09/23	09/09/23	21/09/23	26/09/23
1	0818CS211070	HARSHITA GUPTA	A	A	A	A	A	A	A	A	A
2	0818CS211071	HARSHAL SANGWAN	A	A	A	A	A	A	A	A	A
3	0818CS211072	HARSHITA DEWATYAL	A	A	A	A	A	A	A	A	A
4	0818CS211074	HARSHITA VERMA	A	A	A	A	A	A	A	A	A
5	0818CS211075	HIMAN VERMA	A	A	A	A	A	A	A	A	A
6	0818CS211076	HIMANSHU CHAVAN	A	A	A	A	A	A	A	A	A
7	0818CS211077	HIMANSHU SARFETE	A	A	A	A	A	A	A	A	A
8	0818CS211078	HIMANSHU SONI	A	A	A	A	A	A	A	A	A
9	0818CS211079	HIRENDRAN K MACHHAR	A	A	A	A	A	A	A	A	A
10	0818CS211080	HIRESH KUMAR VERMA	A	A	A	A	A	A	A	A	A
11	0818CS211081	JAGRATI KANTHAI	A	A	A	A	A	A	A	A	A
12	0818CS211082	JAYESH SHUKLA	A	A	A	A	A	A	A	A	A
13	0818CS211083	JAYESH VERMA	A	A	A	A	A	A	A	A	A
14	0818CS211084	KANAKA LAL PATEL	A	A	A	A	A	A	A	A	A
15	0818CS211085	KANAKA DEAR	A	A	A	A	A	A	A	A	A
16	0818CS211086	KANAK VERMA	A	A	A	A	A	A	A	A	A
17	0818CS211087	KHILASHI CHOLUNWAR	A	A	A	A	A	A	A	A	A
18	0818CS211088	KRISHNA KANTHAI	A	A	A	A	A	A	A	A	A
19	0818CS211089	KRISHNA ANISH PRADAN	A	A	A	A	A	A	A	A	A
20	0818CS211090	KRISHNA PABLE	A	A	A	A	A	A	A	A	A
21	0818CS211091	KRISHNA ANANDARE	A	A	A	A	A	A	A	A	A
22	0818CS211092	KRISHNA DEWATE	A	A	A	A	A	A	A	A	A
23	0818CS211093	KRISHNA SONI	A	A	A	A	A	A	A	A	A
24	0818CS211094	KRISHNA CHOLUNWAR	A	A	A	A	A	A	A	A	A



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2023-2024

25	0818CS211090	KUNAL SHARMA	Kunal	Kunal	Kunal	Kunal	A	Pass	A	A	Kunal	A
26	0818CS211098	KUNAL SOLANKI	Kunal	Kunal	Kunal	Kunal	A	Pass	A	A	Kunal	A
27	0818CS211097	LOVISH MANGLIK	Lo	Lo	Lo	Lo	A	Pass	A	A	Lo	A
28	0818CS211096	MANJEET KULR	Manjeet	Manjeet	Manjeet	Manjeet	A	Pass	A	A	Manjeet	A
29	0818CS211099	HANSHIKA TALWAR	Hanshika	Hanshika	Hanshika	Hanshika	A	Pass	A	A	Hanshika	A
30	0818CS211095	MANSI MITAL	Mansi	Mansi	Mansi	Mansi	A	Pass	A	A	Mansi	A
31	0818CS211100	MAHVENDRA CHOJHAN	Mahvendra	Mahvendra	Mahvendra	Mahvendra	A	Pass	A	A	Mahvendra	A
32	0818CS211101	MAYANK AWASTHI	Mayank	Mayank	Mayank	Mayank	A	Pass	A	A	Mayank	A
33	0818CS211103	MAYANK THAKUR	Mayank	Mayank	Mayank	Mayank	A	Pass	A	A	Mayank	A
34	0818CS211104	MAYANK VYAS	Mayank	Mayank	Mayank	Mayank	A	Pass	A	A	Mayank	A
35	0818CS211105	MITALI MOHRA	Mitali	Mitali	Mitali	Mitali	A	Pass	A	A	Mitali	A
36	0818CS211106	MOHD ALFAZ RANGREZ	Alfaz	Alfaz	Alfaz	Alfaz	A	Pass	A	A	Alfaz	A
37	0818CS211107	MUBSAN KUSHNAR	Mubsan	Mubsan	Mubsan	Mubsan	A	Pass	A	A	Mubsan	A
38	0818CS211108	NABHATA SAHU	Nabhata	Nabhata	Nabhata	Nabhata	A	Pass	A	A	Nabhata	A
39	0818CS211109	NATYANI NATHOR	Natyani	Natyani	Natyani	Natyani	A	Pass	A	A	Natyani	A
40	0818CS211110	NAVYOT KAPOOR	Navyot	Navyot	Navyot	Navyot	A	Pass	A	A	Navyot	A
41	0818CS211111	NEERAJ KUMAR	Neeraj	Neeraj	Neeraj	Neeraj	A	Pass	A	A	Neeraj	A
42	0818CS211112	NEHA CHOUDHARY	Neha	Neha	Neha	Neha	A	Pass	A	A	Neha	A
43	0818CS211113	NEHA GUPTA	Neha	Neha	Neha	Neha	A	Pass	A	A	Neha	A
44	0818CS211114	NIHARA SARKI	Nihara	Nihara	Nihara	Nihara	A	Pass	A	A	Nihara	A
45	0818CS211115	NIKIL PANDIT	Nikil	Nikil	Nikil	Nikil	A	Pass	A	A	Nikil	A
46	0818CS211116	NIKHIL PATIL	Nikhil	Nikhil	Nikhil	Nikhil	A	Pass	A	A	Nikhil	A
47	0818CS211117	NILESH NIAJE	Nilesh	Nilesh	Nilesh	Nilesh	A	Pass	A	A	Nilesh	A
48	0818CS211118	NIHARA DINGI	Nihara	Nihara	Nihara	Nihara	A	Pass	A	A	Nihara	A
49	0818CS211119	NITESH PATILGAR	Nitesh	Nitesh	Nitesh	Nitesh	A	Pass	A	A	Nitesh	A
50	0818CS211120	NOODITYA MADSARE	Nooditya	Nooditya	Nooditya	Nooditya	A	Pass	A	A	Nooditya	A
51	0818CS211121	NUPUR RATHIA	Nupur	Nupur	Nupur	Nupur	A	Pass	A	A	Nupur	A



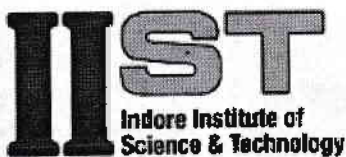
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Indore Institute of Science
and Technology, Indore



Indore Institute of Science and Technology		Department of Computer Science and Engineering	
III Year (CS2) - SIG ATTENDANCE (Full Mark) ADA			
S.No	Enrollment No	Name	22/11
1	0818CS211070	HARSH SHARMA	
2	0818CS211071	HARSHIL MAHAJAN	
3	0818CS211073	HARSHITA BERNATHAL	
4	0818CS211074	HARSHITA VERMA	100%
5	0818CS211075	HIMANI VERMA	
6	0818CS211076	HIMANSHU DWIVEDI	
7	0818CS211077	HIMANSHU BARPETE	
8	0818CS211078	HIMANSHU SONI	
9	0818CS211079	HIRENDRA K. MADHUKAR	
10	0818CS211080	HITESH KUMAR VERMA	100%
11	0818CS211081	JAGRATI KANTHOLI	
12	0818CS211082	JAYESH SHUKLA	100%
13	0818CS211083	JAYESH VERMA	
14	0818CS211084	KANAKA LAL PATIDAR	
15	0818CS211085	KANKA PATIDAR	
16	0818CS211086	KARTIK VERMA	
17	0818CS211087	KHLESHI CHOUDHARY	
18	0818CS211088	KHUSHI KATARIYA	
19	0818CS211089	KOLTE AJAYSH PRAMAN	
20	0818CS211090	KRATI PABLE	
21	0818CS211091	KRISHI PANDAYIRE	
22	0818CS211092	KUPHTI DEKATE	
23	0818CS211093	KULDEEP KUMAR	
24	0818CS211094	KUNAL CHAUDHARI	100%



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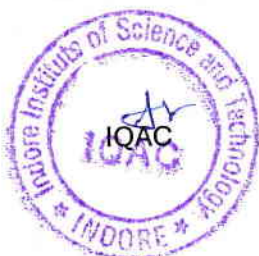
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25	0818CS211095	KUNAL BHADGA						
26	0818CS211096	KUNAL SOLANKI						
27	0818CS211097	LOVISH MANDLE	Jain					
28	0818CS211098	MANNJEET KOUR	N. K. JELLY					
29	0818CS211099	MANISHKA YADAV	Pandey	Arora				
30	0818CS211100	MANO MITAL						
31	0818CS211101	MANVENDRA CHOUHAN						
32	0818CS211102	MAYANK ANGEJW	Prasad					
33	0818CS211103	MAYANK THAKUR						
34	0818CS211104	MAYANK VYAS						
35	0818CS211105	MITAL MISHRA						
36	0818CS211106	MUHO ALFAZ RANGREZ	D. Raj	Ahija				
37	0818CS211107	MUBKAN KUSHNAR						
38	0818CS211108	NAMRATA SHU						
39	0818CS211109	NATWAR RATHOR						
40	0818CS211110	NAVYOT KAPOOR	N. Gupta	N. Gupta				
41	0818CS211111	NEERAJ KUMAR						
42	0818CS211112	NEHA CHOUHARY	Sharma	Sharma				
43	0818CS211113	NETA GUPTA						
44	0818CS211114	NIKHILA DAJU						
45	0818CS211115	NIKSH PANDT						
46	0818CS211116	NIKHIL PATEL	Prasad					
47	0818CS211117	NILESH RAJUR	Sharma					
48	0818CS211118	NIKHILA DANGI						
49	0818CS211119	NITESH PATIDAR						
50	0818CS211120	NOURDYA BODSAHE	N. Sharma					
51	0818CS211121	NURUN KATHYA						



52	0818CS211122	PANKAJ MEWADA						
53	0818CS211123	PAYAL YADAV						
54	0818CS211124	PAYAL YADAV						
55	0818CS211125	PIYUSH BURDE						
56	0818CS211126	PIYUSH THAKUR	Prasad					
57	0818CS211127	PRABAL PATOGAT						
58	0818CS211128	PRABHANSHU KUSHK						
59	0818CS211129	PRAJWAL PANCHAL						
60	0818CS211130	PRAKASH JUMWAL						
61	0818CS211131	PRANAV LOMANSIN						
62	0818CS211132	PRATHA RAJ SINGH						
63	0818CS211133	PRITAM NAGAR						
64	0818CS211134	PRITANSHU GOOL						
65	0818CS211135	PRITANSHU MODI						
66	0818CS211136	PRITANSHU PARIKAR						
67	0818CS211137	RAHEL SORE						
68	0818CS211138	RAJ PATIL						
69	0818CS211139	RAJ SINGH TOMAR						
70	0818CS211142	NEHITA VERMA						
71	0818CS223001	ANIKET PATEL						

21) Anirudh umale Rm



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Sl	Roll No.	Name	Exam 1	Exam 2	Exam 3	Exam 4	Exam 5	Exam 6	Exam 7	Exam 8	Exam 9	Exam 10	Exam 11	Exam 12
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53	0818CS211123	PATIL YASHU	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
54	0818CS211124	PATIL YASHU	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
55	0818CS211125	PYUSH BURDE	Pyush	Pyush	Pyush	Pyush	Pyush	Pyush	Pyush	Pyush	Pyush	Pyush	Pyush	Pyush
56	0818CS211126	PYUSH THAKUR	Pyush	Pyush	Pyush	Pyush	Pyush	Pyush	Pyush	Pyush	Pyush	Pyush	Pyush	Pyush
57	0818CS211127	PRINAL PATIL	Prin	Prin	Prin	Prin	Prin	Prin	Prin	Prin	Prin	Prin	Prin	Prin
58	0818CS211128	PRINSHRUTI KALANE	Prin	Prin	Prin	Prin	Prin	Prin	Prin	Prin	Prin	Prin	Prin	Prin
59	0818CS211129	PRINSHRUTI KALANE	Prin	Prin	Prin	Prin	Prin	Prin	Prin	Prin	Prin	Prin	Prin	Prin
60	0818CS211130	PRINSHRUTI KALANE	Prin	Prin	Prin	Prin	Prin	Prin	Prin	Prin	Prin	Prin	Prin	Prin
61	0818CS211131	PRINSHRUTI KALANE	Prin	Prin	Prin	Prin	Prin	Prin	Prin	Prin	Prin	Prin	Prin	Prin
62	0818CS211132	PRATHA RAJ SINGH	Prath	Prath	Prath	Prath	Prath	Prath	Prath	Prath	Prath	Prath	Prath	Prath
63	0818CS211133	PRITHAM NADAR	Prith	Prith	Prith	Prith	Prith	Prith	Prith	Prith	Prith	Prith	Prith	Prith
64	0818CS211134	PRITYANSHU GULUR	Prity	Prity	Prity	Prity	Prity	Prity	Prity	Prity	Prity	Prity	Prity	Prity
65	0818CS211135	PRITYANSHU GULUR	Prity	Prity	Prity	Prity	Prity	Prity	Prity	Prity	Prity	Prity	Prity	Prity
66	0818CS211136	PRITYANSHU GULUR	Prity	Prity	Prity	Prity	Prity	Prity	Prity	Prity	Prity	Prity	Prity	Prity
67	0818CS211137	RAHUL SONI	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul
68	0818CS211138	RAJ PATEL	Raj	Raj	Raj	Raj	Raj	Raj	Raj	Raj	Raj	Raj	Raj	Raj
69	0818CS211139	RAJESH TOMAR	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh
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Department of Computer Science and Engineering												
III Year (CSE) - SIG ATTENDANCE (10/10/2023)												
Sr.	Enrollment No.	Name	11/09	12/09	13/09	20/09	27/09	28/09	29/09	03/10	04/10	05/10
1	0818CSE11072	HARSHAL THAKUR	A	A	A	A	A	A	A	A	A	A
2	0818CSE11148	RAJESH KUMAR PANDAY	A	A	A	A	A	A	A	A	A	A
3	0818CSE11140	MANDESA GEDDAR	A	A	A	A	A	A	A	A	A	A
4	0818CSE11142	RAM GUPTA	A	A	A	A	A	A	A	A	A	A
5	0818CSE11143	SAURABH RAJPUT	A	A	A	A	A	A	A	A	A	A
6	0818CSE11144	DEEPA GUPTA	A	A	A	A	A	A	A	A	A	A
7	0818CSE11145	DEEPA RANGIT	A	A	A	A	A	A	A	A	A	A
8	0818CSE11146	PRANAV KUMAR	A	A	A	A	A	A	A	A	A	A
9	0818CSE11147	REKHA CHOUHAN	A	A	A	A	A	A	A	A	A	A
10	0818CSE11148	DEEPA JADAV	A	A	A	A	A	A	A	A	A	A
11	0818CSE11149	RUDRA PRATAP SINGH	A	A	A	A	A	A	A	A	A	A
12	0818CSE11151	SALONI VERMA	A	A	A	A	A	A	A	A	A	A
13	0818CSE11152	SHREYAS P. VADAV	A	A	A	A	A	A	A	A	A	A
14	0818CSE11153	SARANSH MAHESHWARI	A	A	A	A	A	A	A	A	A	A
15	0818CSE11154	SARTHAK SOLEYA	A	A	A	A	A	A	A	A	A	A
16	0818CSE11156	SARTHAK THAKUR	A	A	A	A	A	A	A	A	A	A
17	0818CSE11156	SHALINDEVI HANMANT RAMDAS	A	A	A	A	A	A	A	A	A	A
18	0818CSE11157	SHREYA DIXIT	A	A	A	A	A	A	A	A	A	A
19	0818CSE11158	SHREYAS KUMAR PATHAK	A	A	A	A	A	A	A	A	A	A
20	0818CSE11159	SHREYAS MISHRA	A	A	A	A	A	A	A	A	A	A
21	0818CSE11160	SHREYASHANU DANDI	A	A	A	A	A	A	A	A	A	A
22	0818CSE11161	SHREYAS KUSHWAHA	A	A	A	A	A	A	A	A	A	A
23	0818CSE11162	SODHAK VERMA	A	A	A	A	A	A	A	A	A	A
24	0818CSE11154	SOUBHAM RAJPUT	A	A	A	A	A	A	A	A	A	A



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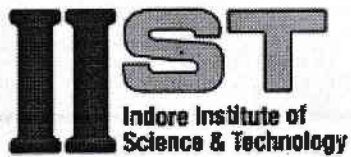
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23	081BCS211109	SKILAN PT INKALPRAO																			
24	081BCS211110	SURVESH TANNIAR																			
25	081BCS211111	RIJAL SINGH HANUJET																			
26	081BCS211112	BUSHAL KHADKE																			
27	081BCS211113	SHAKH PANDNEY																			
28	081BCS211114	SHAKH PANDNEY																			
29	081BCS211115	TARUN PATEL																			
30	081BCS211116	TARUN PRAJAPAT																			
31	081BCS211117	TRIA PATEL																			
32	081BCS211118	TUSHAL PANDAR																			
33	081BCS211119	SUBHIL GADGIWANE																			
34	081BCS211120	UJAYANTI SHINWAR																			
35	081BCS211121	VAIBHAV BANSODKAR																			
36	081BCS211122	VAIBHAV PANDNEY																			
37	081BCS211123	VANSHIKA MANGDE																			
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33	081BCS211134	VISHAL ODAR																			
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35	081BCS211136	VISHAL SINGH TOMAR																			
36	081BCS211137	VISHAL THAKUR																			
37	081BCS211138	VITTHAL MARGADE																			
38	081BCS211139	VISHU CHAVDA																			
39	081BCS211140	VISHU SHARMA																			
40	081BCS211201	VASHI PATEL																			
41	081BCS211202	VASHI SHARMA																			
42	081BCS211203	YASHANKHUM BEDI																			
43	081BCS211204	YASHRAJ JAINWAL																			
44	081BCS211205	YOGENDRA RAJPUT																			
45	081BCS211206	YUVRAJ SINGH KACHHAWA																			
46		Student (LATERAL ENTRY)																			
47		Student (LATERAL ENTRY)																			
48	081BCS2123001	Student (LATERAL ENTRY)																			
49		Student (LATERAL ENTRY)																			



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SQL for Data Science



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Event Report

Academic Year -2023-2024

Session: Jan-June 2024

Name of Event: Internship cum Training on SQL for Data Science

Date of Event: 15/01/2024 to 3/02/2024

Topic: SQL for Data Science

Organizing Dept.: CSE

Event Coordinator: Ms. Rati Gupta

Name of Trainer: Mr. Rakesh Verma
Institute / Company: IIST
Designation: Trainer
Address:

Contact No.: 8824275922

Email Id: rakesh.verma@indoreinstitute.com

Details of Participants:

No. of Institutes Participated	No. of Students Participated	Department	No. of Industry Representative	Remark if any
		CSE/IT		
1	151	CSE/IT/AI/ML		

*Please enclose a detailed list.

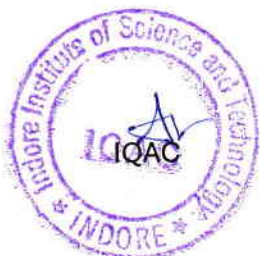
Also enclosed following details:

1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print/Social
3. Detailed summary of events. (Outcome)
4. Notice to students and faculty (Notice board notice copy, WhatsApp / Mail information copy) :
5. List of Participate and Day wise attendance

HOD



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Date: 11/01/2024


Approval letter

To,
The Principal
Indore Institute of Science and Technology, Indore

Subject: Proposal for Internship cum Training on "SQL for Data Science" on 15/01/2024 to 3/02/2024.

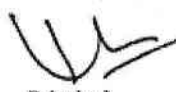
Respected sir,

The Department of CSE is planning to organize an Internship cum Training on SQL for Data Science for the students of B.Tech III rd Year (CSE and IT) on 15/01/2024 to 3/02/2024 . The expert is Mr.Rakesh Verma. It is our request to kindly allow us for the same.


Yours faithfully
Ms.Rati Gupta 
Assistant Professor
Department of Information Technology
IIST Indore

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Department of CSE

Date: 12/01/2024

Notice


All B.Tech III rd year (CSE and IT) students are hereby notified that an **Internship cum Training on "SQL for Data Science"** would be held on 15/01/2024 to 03/02/2024. The training will be led by Mr. Rakesh Verma. All students are required to attend the session.

Time: - 2:00 PM
Venue: Seminar Hall-1

Coordinator
Ms. Rati Gupta 


HOD




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2023-2024



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Department of AIML

Summary/Report for Internship cum Training
on

"SQL for Data Science"

Title : SQL for Data Science
Date of Event : 15/01/2024 to 3/02/2024
Trainer : Mr. Ankush Saklecha
Coordinator : Ms. Poorva Shukla

Summary:

The AIML department organized an Internship cum training on "SQL for Data Science" for 35 hours. The Training has been taken by Mr. Ankush Saklecha. He had discuss on SQL (Structured Query Language) and give the importance of this powerful tool which is used in data science, particularly for handling and querying structured data within relational databases. Below are some common SQL queries and techniques frequently used in data science tasks:

1. Selecting Data:

sqlCopy code

```
SELECT column1, column2 FROM table_name WHERE condition;
```

2. Filtering Data:

sqlCopy code

```
SELECT * FROM table_name WHERE condition;
```

3. Aggregating Data:

sqlCopy code

```
SELECT COUNT(*) FROM table_name; SELECT AVG(column_name) FROM table_name  
GROUP BY column_name;
```

4. Joining Tables:



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AICTE-REG. 887, Approach Rd, Indore, Madhya Pradesh 492002, India
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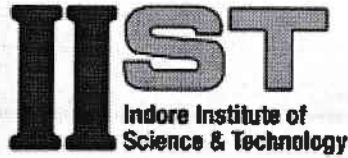
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Lang: 78-7961077
WU/2024 12:19 PM GMT +05:30

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5. aws-1



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Event Report

Academic Year – 2023-24

Session: Jan -Jun 2024

Name of Event: Workshop eum Certification Course on AWS and its Infrastructure

Date of Event: 15th Jan – 3rd Feb 2024

Organizing Dept.: Dept of CSE, IIST Indore

Event Coordinator: Mrs. Megha Bithare

Name of Expert/Guest: Mr. Pushpjeet Cholkar

Institute / Company: Pushpjeet IT Consultant Indore

Designation: Database Consultant Department: CSE

Contact No.:7049235525

Details of Participants:

No. of Institutes Participated	No. of Students Participated	Department	No. of Industry Representative	Remark if any
		CSE/IT/EC/ME/CM/ESH		
1	69	CSE/IT	0	

*Please enclose a detailed list.

Also enclosed following details:

1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print/Social
3. Detailed summary of events. (Outcome)
4. Media Report (attach copy of newspaper)/ write-up for media/ FB write-up
5. Certificate / Letter (if printed by Institute or Organizing Partner)

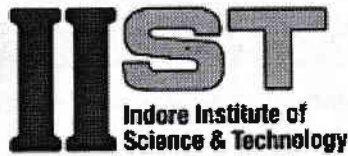
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DATE: 08/01/2024

NOTICE

This is to inform you that Department of Computer Science & Engineering is going to organize Workshop cum Certification Course on AWS and its Infrastructure from 15th Jan – 3rd Feb 2024 . All the students of III year will have to participate actively in this workshop so that you will get knowledge from that event. The event will be held at Project Lab A-block from 09:30 AM to 11:20 AM.

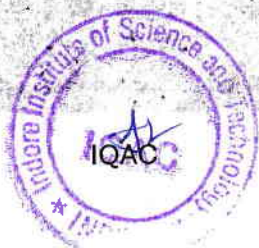
Faculty Coordinator:

Mrs. Megha Birthare

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DATE:08/01/2024

Approval Letter

Department of Computer Science and Engineering is willing to organize 13 days' Workshop cum Certification Course on AWS and its Infrastructure from 15th Jan - 3rd Feb 2024..

Kindly approve for organizing the workshop in the department. Proposal enclosed herewith.

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Objective and Outcome of the SIG

Learning Objectives

The objective of the training is

- To Define the cloud & understand AWS Cloud platform.
- To Understand various services offered by AWS.
- To Identify the global infrastructure components of AWS.
- Perform Hands-on training on AWS management console.

Course Outcomes

After completing this training, the student will be able to-

- Define cloud computing technology using AWS & also the benefits of using cloud technology over traditional physical data centers.
- Define various AWS services.
 - Describe security and compliance measures of the AWS Cloud including AWS Identity and Access Management (IAM).
 - Create an AWS Virtual Private Cloud (Amazon VPC).
 - Demonstrate when to use Amazon Elastic Compute Cloud (EC2), AWS Lambda and AWS Elastic Beanstalk.
 - Differentiate between Amazon S3, Amazon EBS, Amazon EFS and Amazon S3 Glacier.
 - Demonstrate when to use AWS Database services including Amazon Relational Database Service (RDS), Amazon DynamoDB, Amazon Redshift, and Amazon Aurora.
- Understand global infrastructure of AWS Cloud & AWS cloud architecting principles.

Faculty Coordinators

Mrs. Megha Bithare



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Department of CSE

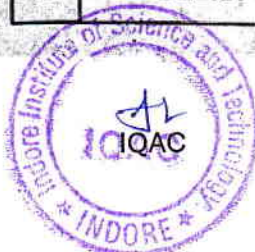
Summary/Report on Workshop cum Certification Course on AWS and its Infrastructure

Title : Workshop cum Certification Course on AWS and its Infrastructure
Date of Event : 15th Jan – 3rd Feb 2024.
Trainer(Guest) : Mr. Pushpjeet Cholkar
Coordinator : Ms. Megha Birthare

Summary:

The CSE department organized an Workshop cum Certification Course on AWS and its Infrastructure . The Training has been taken Mr. Pushpjeet Cholkar.He had discuss on security and compliance measures of the AWS Cloud including AWS Identity and Access Management (IAM), AWS Database services including Amazon Relational Database Service (RDS), Amazon DynamoDB, Amazon Redshift, and Amazon Aurora.Below are the contents that are covered during the training:

S.No	Date of Lecture Delivery	Topics Covered
1	15/1/24	Cloud Concepts Overview, Introduction to AWS
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6	23/1/24	EC2 Storage - (EBS, Instance Store, AMI, EFS, FSx) and ELB & ASG
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9	29/1/24	Virtual Private Cloud (VPC) & Other networking services
10	30/1/24	AWS Global Infrastructure & Machine Learning Services
11	31/1/24	Databases in AWS & Its lab
12	1/2/2024	Deploying & Managing Infrastructure at scale
13	2/2/2024	AWS Architecting & Ecosystem



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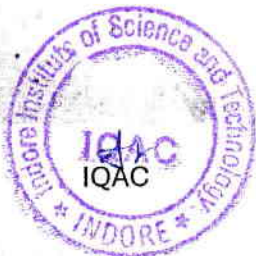
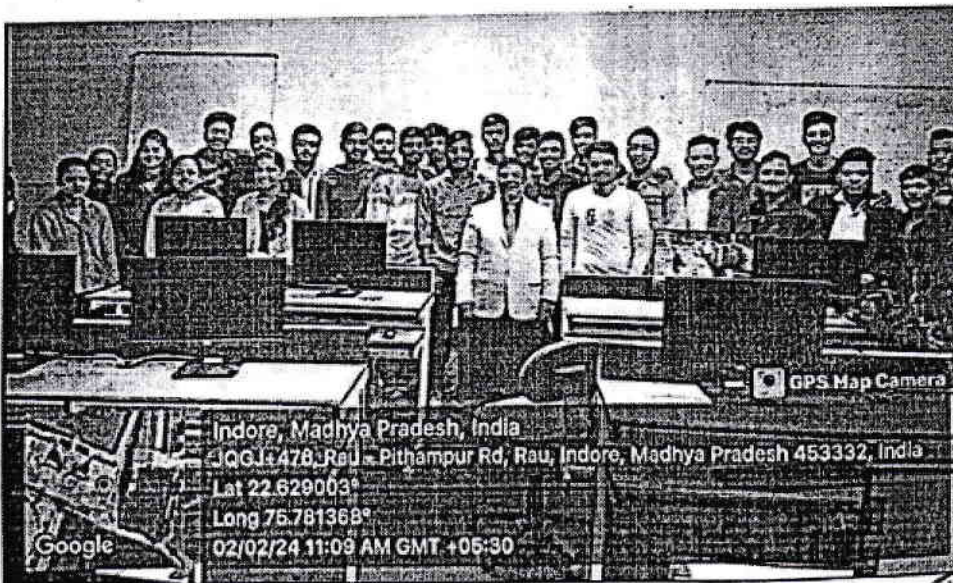
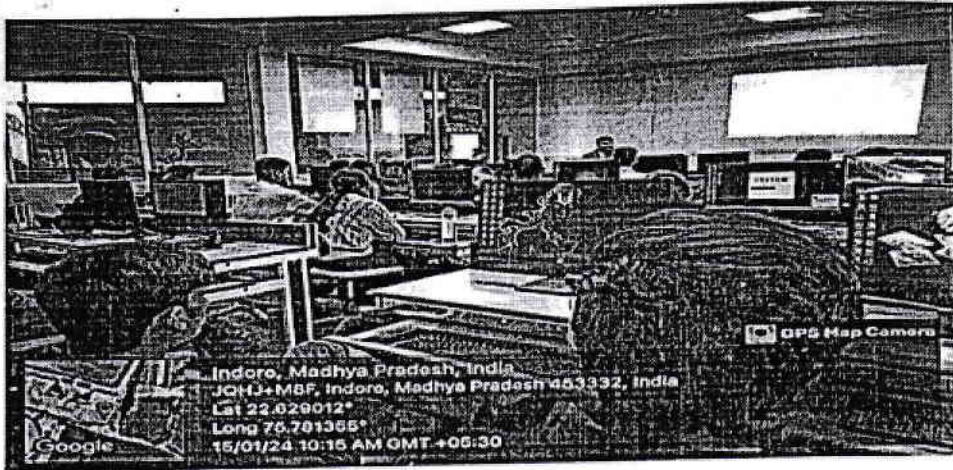
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Department of CSE
Organizing
Workshop cum Certification Course
on
AWS & its Infrastructure
(For students of 3rd Year CSE & Allied branches)



Trainer



Mr. Pushjeet Cholkar
CEO & Founder PITC India, PITC LLC USA



Faculty Coordinator:
Ms. Megha Birlhare
Asst. Prof., CSE

Date:
15th Jan - 3rd Feb. 2024

Venue:
IIST Campus, Rau

IIST Campus, Opp. IIM (Indore), Rau-Pithampur Road, Rau, Indore 453331(MP)
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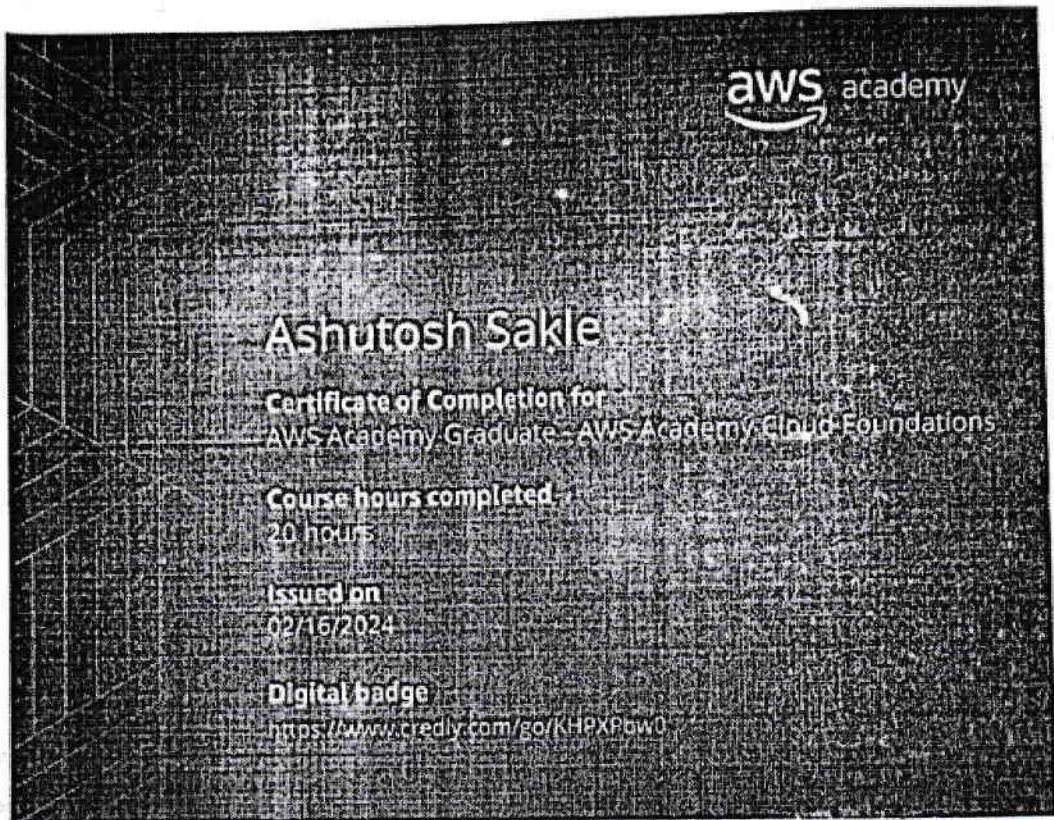
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6. aws-3



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Event Report

Academic Year – 2023-24 Session: Jan -Jun 2024

Name of Event: Workshop cum Certification Course on AWS and its Infrastructure
Date of Event: 15th Jan – 3rd Feb 2024

Organizing Dept.: Dept of CSE, IIST Indore

Event Coordinator: Mrs. Megha Birthare

Name of Expert/Guest: Mr. Pushpjeet Cholkar

Institute / Company: Pushpjeet IT Consultant Indore

Designation: Database Consultant Department: CSE

Contact No.: 7049235525

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Faculty Coordinator:

Mrs. Megha Birthare

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Faculty
Coordinators

Mrs. Megha BIRTHARE



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Department of CSE

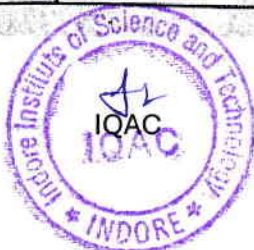
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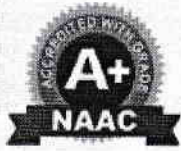
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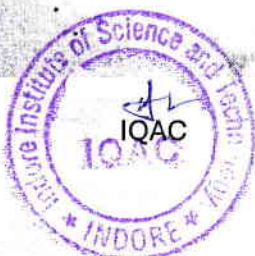
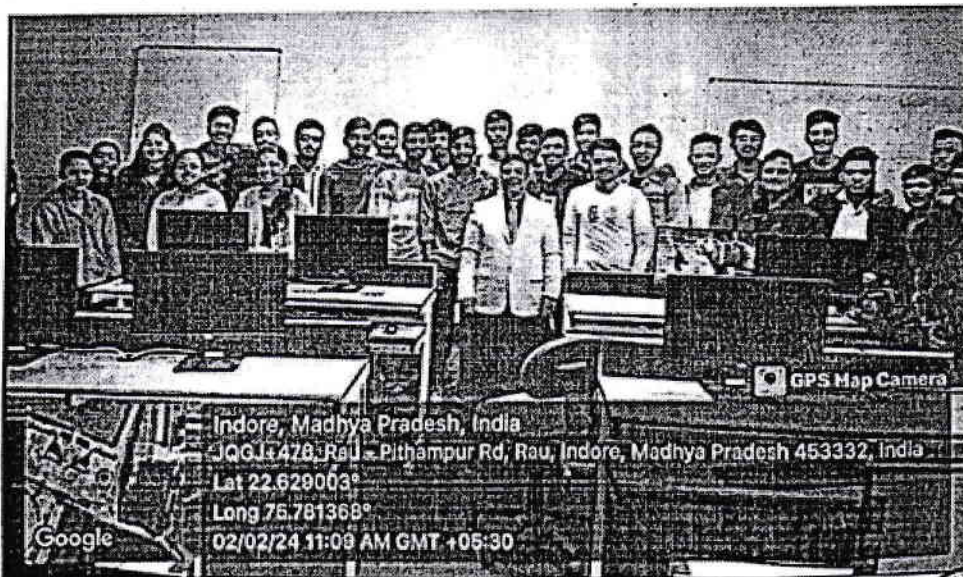
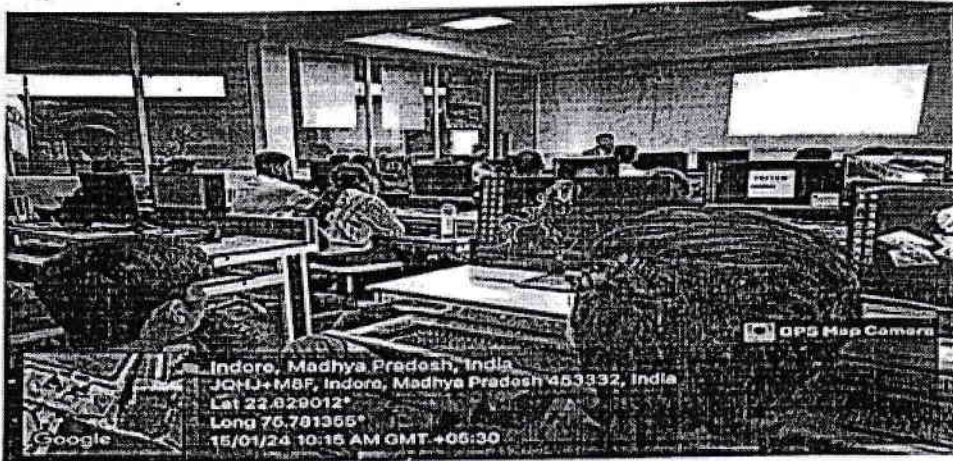
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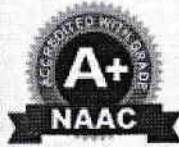
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Faculty Coordinator:
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Date:
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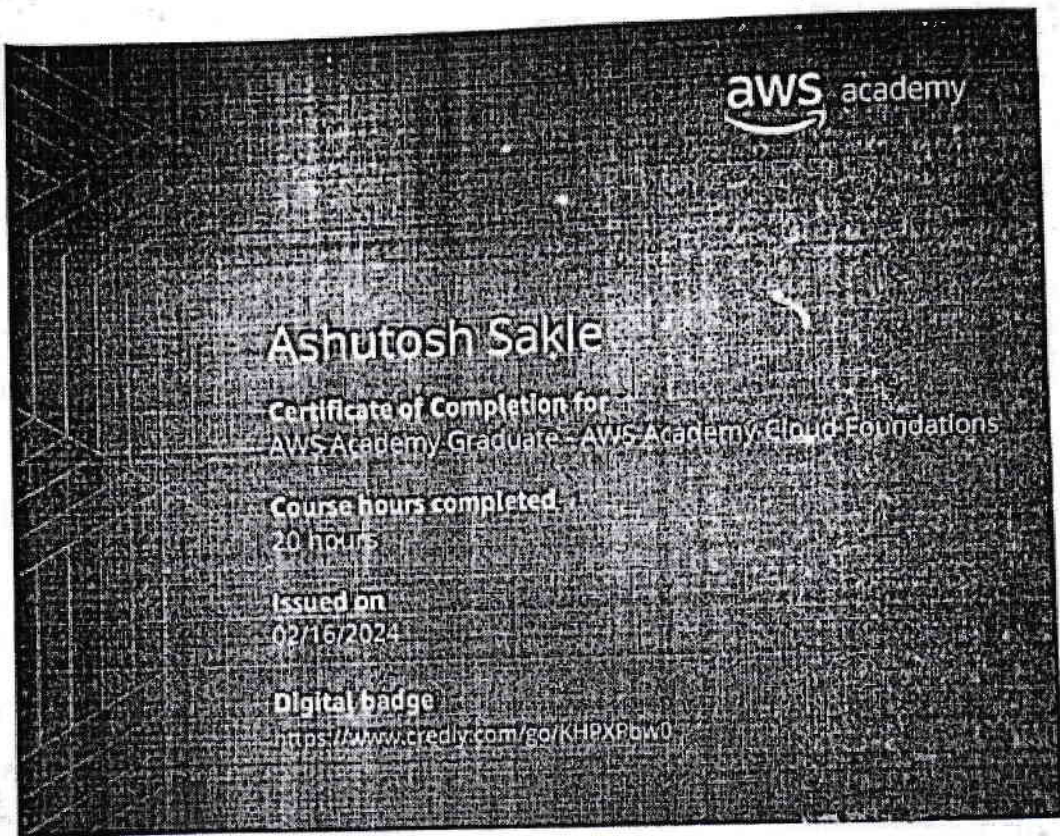
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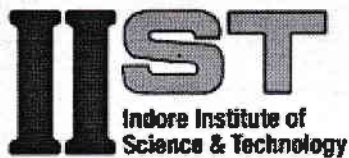
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C-6 Algolution:-Algorithmic Pinnacle-Navigating Complexity



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Event Report

Academic Year -2023-2024

Session: Jan-Jun-2024

Name of Event: Training cum internship

Date of Event: 26 Feb. 24
Organizing Dept.: CSE

Topic: Algotation Pinnacle -Navigating Complexity
Event Coordinator: Prof. Lakshita Mandpe

Name of Trainer: Mr. Ankush Saklecha
Designation: Corporate Trainer
Department: CSE
Contact No.:9685285381

Details of Participants:

No. of Institutes Participated	No. of Students Participated	Department	No. of Industry Representative	Remark If any
1	152	CSE	0	

*Please enclose a detailed list.

Also enclosed following details:

1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print/Social
3. Detailed summary of events. (Outcome)
4. Notice to students and faculty (Notice board notice copy, WhatsApp / Mail information copy) :
5. List of Participate and Day wise attendance

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Date: 22/02/2024

Approval letter

To,
The Principal
Indore Institute of Science and Technology, Indore

Subject: Proposal training cum Internship on "Algotution Pinnacle -Navigating Complexity."

Respected sir,

The Department of Computer Science and Engineering is planning to organize a program on Algotution Pinnacle -Navigating Complexity for the students of B Tech 2nd Year (CSE) from 26/02/2024. The expert is Mr. Ankush Saklecha. It is our request to kindly allow us for the same.

Yours faithfully

[Signature]
Ms. Lakshita Mandpe
Assistant Professor
Computer Science & Engineering Department
IIST Indore

HOD
Dr. Richa Gupta



[Signature]
Principal
Dr. Keshav Patidar
Principal
Indore Institute of Science
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Department of Computer Science and Engineering

Date: 22/02/2024

Notice

All B.Tech 2nd year (CSE) students are hereby notified that a Training program on "Algotation Pinnacle - Navigating Complexity " would be held from 26/02/2024.
The training will be led by Mr. Ankush Saklecha, corporate trainer.
All students are required to attend the session.

Time: - 9:30 AM

Coordinator

Ms. Lakshita Mandpe

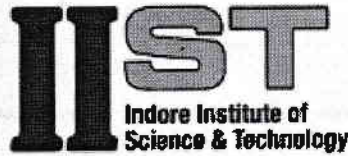
Dean CSE/IT/AIML
Dr. Richa Gupta



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Dr. Keshav Patidar
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ANALYSIS AND DESIGN ALGORITHM

Objectives and Course Outcomes: -

> Objectives

Upon completion of this course, students will be able to do the following:

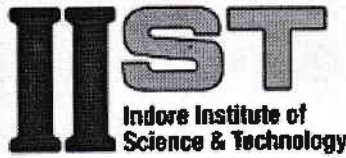
- Analyze the asymptotic performance of algorithms.
- Write rigorous correctness proofs for algorithms.
- Demonstrate a familiarity with major algorithms and data structures.
- Apply important algorithmic design paradigms and methods of analysis.
- Synthesize efficient algorithms in common engineering design situations.

After completing this training, the student will be able to-

- Appreciate the importance of visualization in the data analytics solution.
- Apply structured thinking to unstructured problems.
- Understand a very broad collection of feature engineering algorithms and problems.
- Learn algorithmic topics of machine learning and mathematically deep enough to introduce the required theory.
- Develop an appreciation for what is involved in learning from data.



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Department of Computer Science & Engineering

Report for Training cum Internship

On

"Algotution Pinnacle -Navigating Complexity"

Title : Algotution Pinnacle -Navigating Complexity
 Dates of Event : 26/02/2024
 Expert : Mr. Ankush Saklecha
 Coordinator : Ms. Lakshita Mandpe

Summary: Computer Science & Engineering department organized training cum intership on "Algotution Pinnacle -Navigating Complexity". The Training has been taken by Mr. Ankush Saklecha . He gave training on Analysis and Design Algorithm techniques .So Students can write rigorous correctness proofs for algorithms and also they can apply important algorithmic design paradigms and methods of analysis. Describe the dynamic-programming paradigm and explain when an algorithmic design situation calls for it. Recite algorithms that employ this paradigm. Synthesize dynamic-programming algorithms, and analyze them. The technology is very demanding and has a great potential to accelerate the career of students. The main purpose of this training was to enable students to get detailed insights of ADA with hands-on.



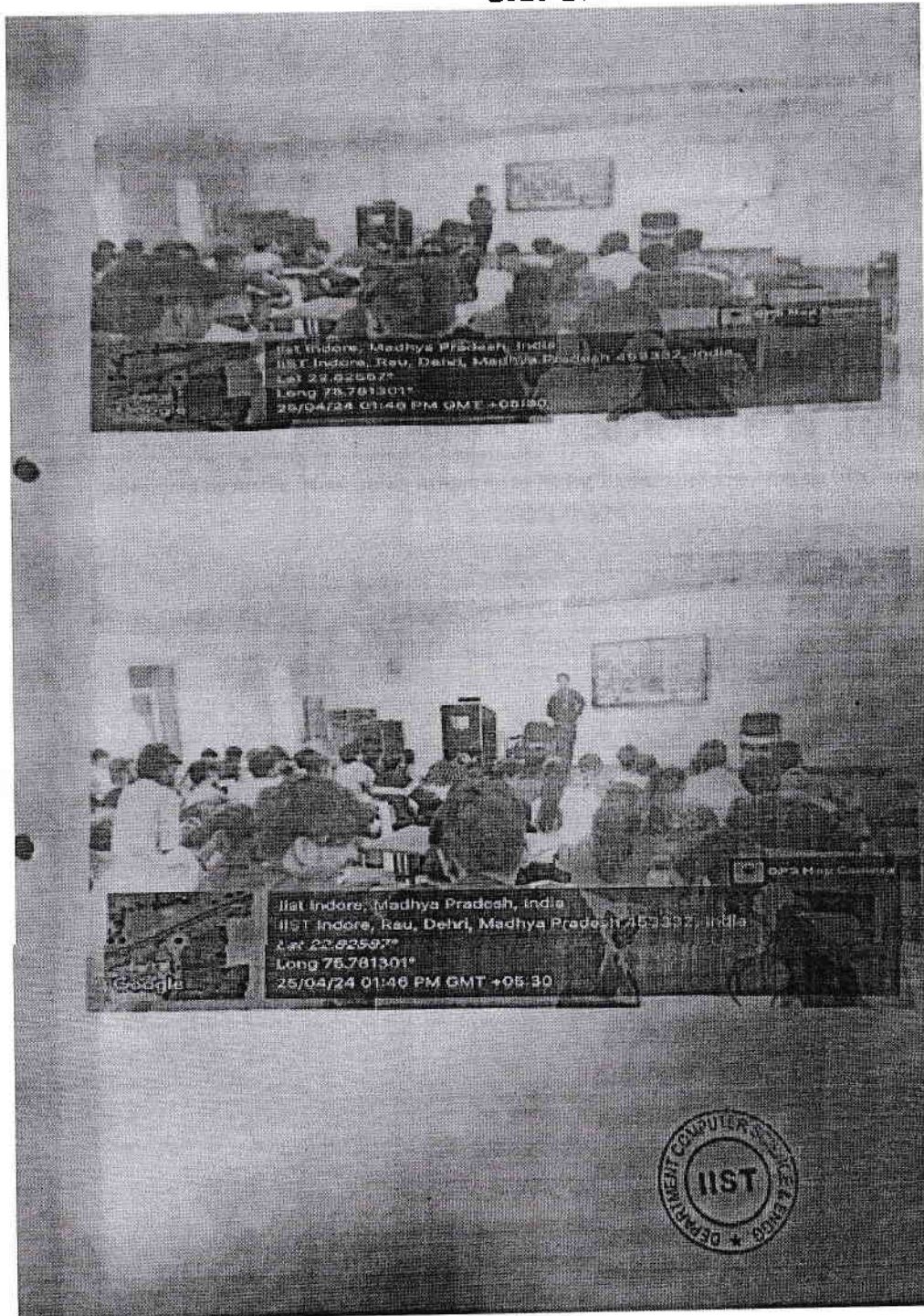
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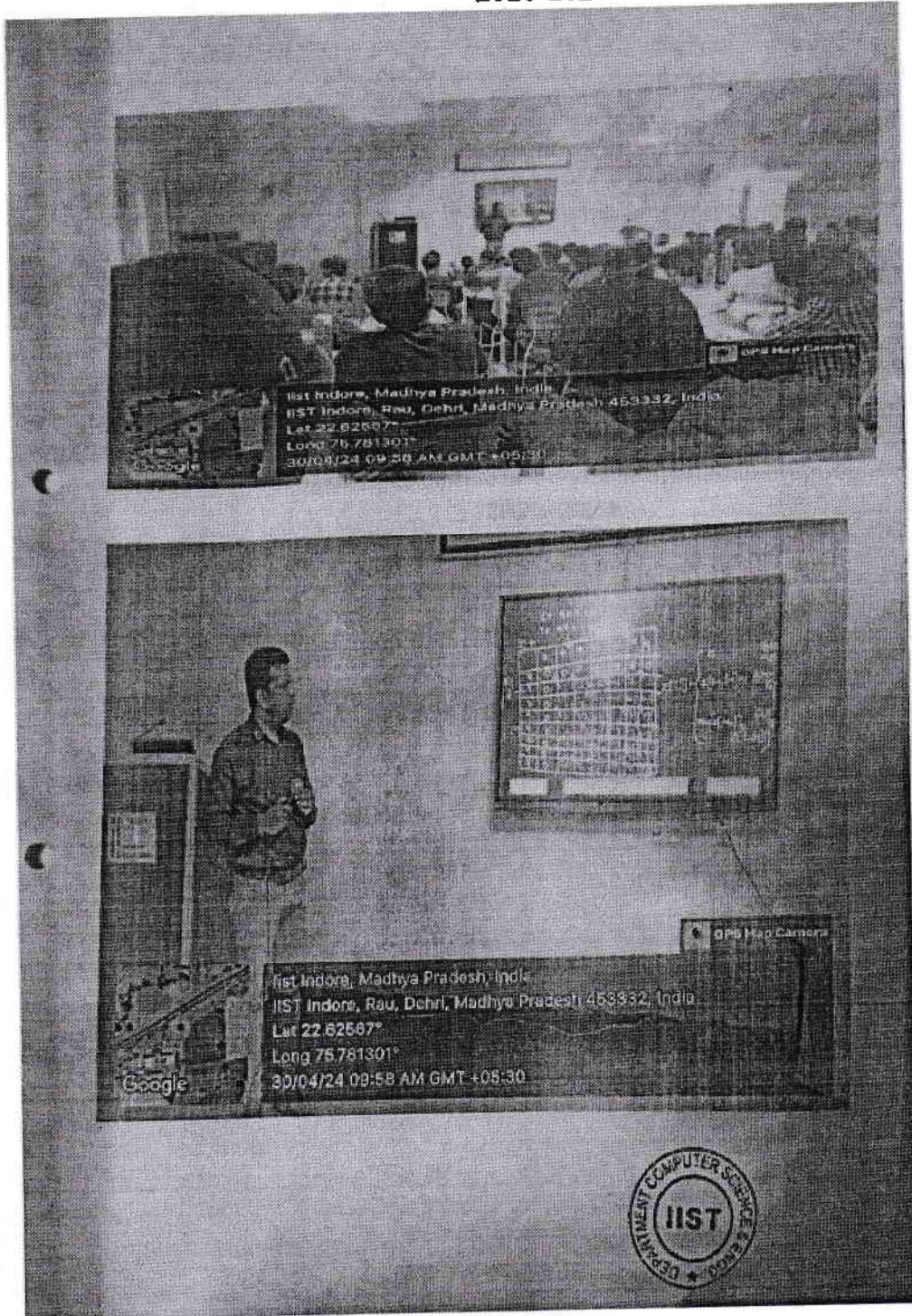


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2023-2024



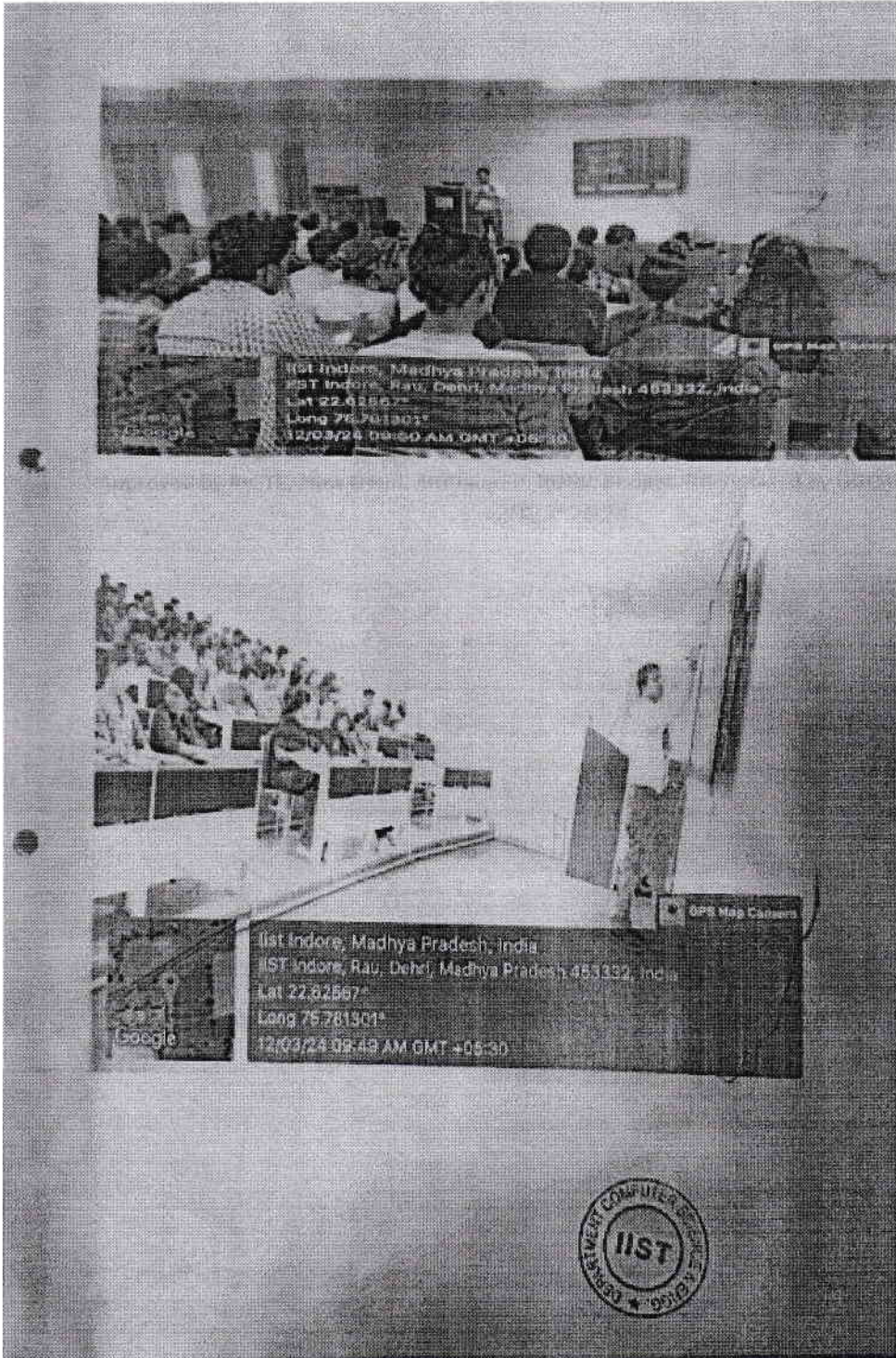
Principal
Indore Institute of Science
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Principal



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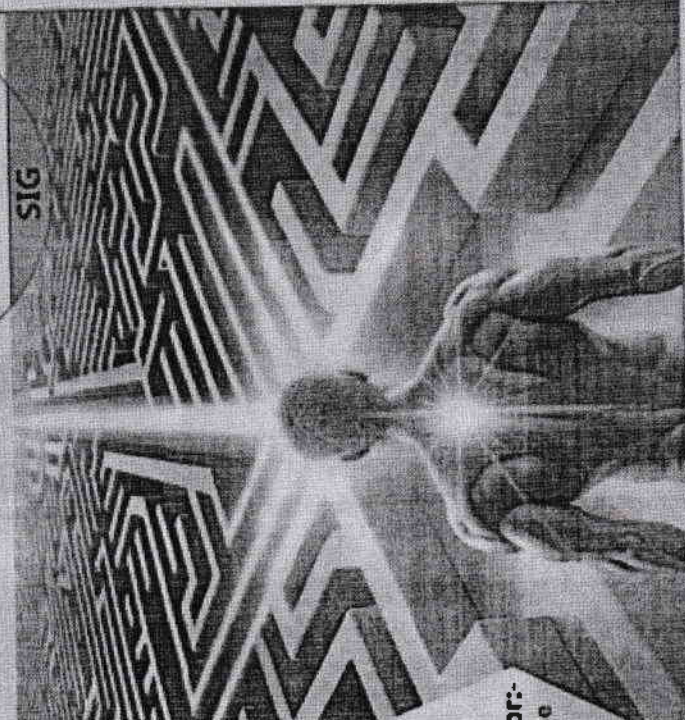
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2023-2024





**Logic Building
& Core
Programming**

SIG

**Indore Institute of
Science & Technology**

Affiliated to: RGPV (Bhopal) & Approved by: AICTE (New Delhi)

Department of Computer Science & Engineering


Training cum Internship

on

Algorithms - Navigating Complexity

40 Hrs training
for CSE - 4th sem

Starting From: 26th Feb. 2024 onwards



**Faculty Coordinator:-
Ms. Lakshita Mandpe**

Mr. Ankush Saklani
Corporate Trainer, GATE Expert
8 Empires GATE Qualified

IIM (Indore), Rau, Pithampur Road, Rau, Indore 453331(MP)
Ph: 1800-103 3009 | 822 507 3000 / 822 207 1000



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2023-2024

7. Problem Solving & competitive Programming



Indore Institute of Science and Technology
Approved by AICTE, New Delhi & Affiliated to RGPV, Bhopal

Date: 01/02/2024

Approval letter

To,
The Principal
Indore Institute of Science and Technology, Indore

Subject: Proposal training on "Hands - on training in Problem Solving & Competitive Programming"

Respected sir,
Department of Computer Science and Engineering is planning to organize program on Hands - on training in Problem Solving & Competitive Programming for the students of B Tech 3rd Year (CSE, IT) from 5/02/2024. The expert is Mr Shaving Triwedi. It is our request to kindly allow us for the same.

Yours faithfully
Ms. Priyanka Kamrawal
Assistant Professor
Computer Science & Engineering Department
IIST Indore

HOD
Dr. Richa Gupta



[Signature]
Principal
Dr. Keshav Patidar
Principal
Indore Institute of Science
and Technology, Indore



[Signature]
Principal
Indore Institute of Science
and Technology, Indore



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2023-2024



Indore Institute of Science and Technology
Approved by AICTE, New Delhi & Affiliated to RGPV, Bhopal

Department of Computer Science and Engineering

Date: 01/02/2024

Notice

All B Tech 3rd year (CSE, IT) students are hereby notified that a Training program on "Hands-on training in Problem Solving & Competitive Programming" would be held from 5/02/2024.

The training will be led by Mr. Shivang Trivedi, corporate trainer.

All students are required to attend the session.

Time: - 9:30 AM

Coordinator
Ms. Priyanka Kaurawat

Dean CSE/IT/AIML
Dr. Richa Gupta



HOD CSE
Richa Gupta
Principal
Dr. Keshav Patidar
Principal
Indore Institute of Science
and Technology, Indore



Principal
Indore Institute of Science
and Technology, Indore



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Event Report

Academic Year -2023-2024

Session: Jan-June-2024

Name of Event: Hands on training in Problem Solving & Competitive Programming

Start Date of Event: 05/02/24

Topic: Hands on training in Problem Solving & Competitive Programming

Organizing Dept.: CSE

Event Coordinator: Prof. Priyanka Kumarwat

Name of Trainer: Mr. Shivang Trivedi
Institute / Company: Codenscious, Indore
Designation: Trainer
Address: Kesar Bagh, Indore

Department: CSE

Contact No.: 8969452663

Email Id: shivang_trivedi@codenscious.ai

Details of Participants:

No. of Institutes Participated	No. of Students Participated	Department	No. of Industry Representative	Remark if any
		CSE/IT		
1	77	CSE	1	

*Please enclose a detailed list.

Also enclosed following details:

1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print/Social
3. Detailed summary of events. (Outcome)
4. Notice to students and faculty (Notice board notice copy, WhatsApp / Mail information copy):
5. List of Participate and Day wise attendance

HOD



Principal
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Principal
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Department of Computer Science and Engineering

Summary/Report for Training
on

"Hands on training in Problem Solving & Competitive Programming"

Title: : Hands on training in Problem Solving Competitive Programming
Date of Event : 05/02/2024
Trainer : Mr. Shivang Trivedi
Coordinator : Ms. Priyanka Kumrawat

Summary:

The Computer Science and Engineering department organized training program on "Hands on training in Problem Solving & Competitive Programming". The Training has been taken by Mr. Shivang Trivedi, corporate trainer. He gave training on Algorithmic Problem Solving: Learning and implementing various algorithms to solve complex problems efficiently, Data Structures: Mastering the use of essential data structures such as arrays, linked lists, trees, heaps, and graphs to optimize code performance, Competitive Programming Techniques: Practicing coding under time constraints and developing strategies to solve competitive programming challenges effectively. Additionally, the training included hands-on sessions where students tackled real-world coding problems, participated in simulated contests, and collaborated with peers to enhance my problem-solving abilities. Hands-on training in problem-solving and competitive programming proved to be highly effective in achieving its objectives. Participants not only acquired essential technical skills but also developed critical thinking abilities and teamwork. Future iterations of the training should continue to emphasize practical application and real-world problem-solving scenarios to further enhance participant's capabilities in this increasingly vital field.




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Hands - on training in Problem Solving & Competitive Programming

Objectives and Course Outcomes: -

➤ Learning Objectives

The objective of the training is:

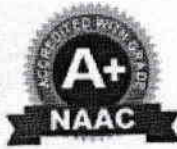
1. **Mastering Algorithms:** Understand and implement various algorithms, including searching, sorting, dynamic programming, and graph algorithms.
2. **Data Structures Proficiency:** Gain proficiency in essential data structures such as arrays, linked lists, stacks, queues, trees, heaps, and graphs, and understand when to use each data structure effectively.
3. **Efficient Coding Techniques:** Learn advanced programming techniques to write efficient and optimized code, focusing on time and space complexity.
4. **Problem-Solving Skills:** Develop problem-solving skills by analysing complex problems, breaking them down into smaller sub-problems, and devising algorithmic solutions.
5. **Competitive Programming Strategies:** Learn strategies and tactics specific to competitive programming, including handling time constraints, managing large inputs, and optimizing solutions for competitive environments.
6. **Practice and Application:** Engage in hands-on practice sessions, participate in coding contests (e.g., Codeforces, TopCoder), and solve a variety of real-world and theoretical problems.

➤ Course Outcomes:

1. **Proficiency in Algorithmic Thinking:** Ability to analyse problems, apply appropriate algorithms, and devise efficient solutions.
2. **Expertise in Data Structures:** Mastery of essential data structures and their applications in solving programming challenges.
3. **Competitive Programming Skills:** Capability to compete effectively in online coding competitions, with improved speed and accuracy in problem-solving.
4. **Optimized Coding Practices:** Skill in writing clean, efficient, and maintainable code, focusing on performance and scalability.
5. **Problem-Solving Agility:** Increased agility in tackling unfamiliar problems, breaking them down systematically, and implementing effective solutions.



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IIST Indore Institute of Science & Technology

Department of Computer Science & Engineering

Organizing
Hands-on Training
in
**Problem Solving &
Competitive Programming**
(For students of 3rd Year CSE)

Trainer:

Mr. Shivang Trivedi
Corporate Trainer

Date: 5th Feb. 2024 | Venue: IIST Campus, Rau

Faculty Coordinator:
Ms. Pooja Mishra

Student Coordinator:
Aryan Gupta



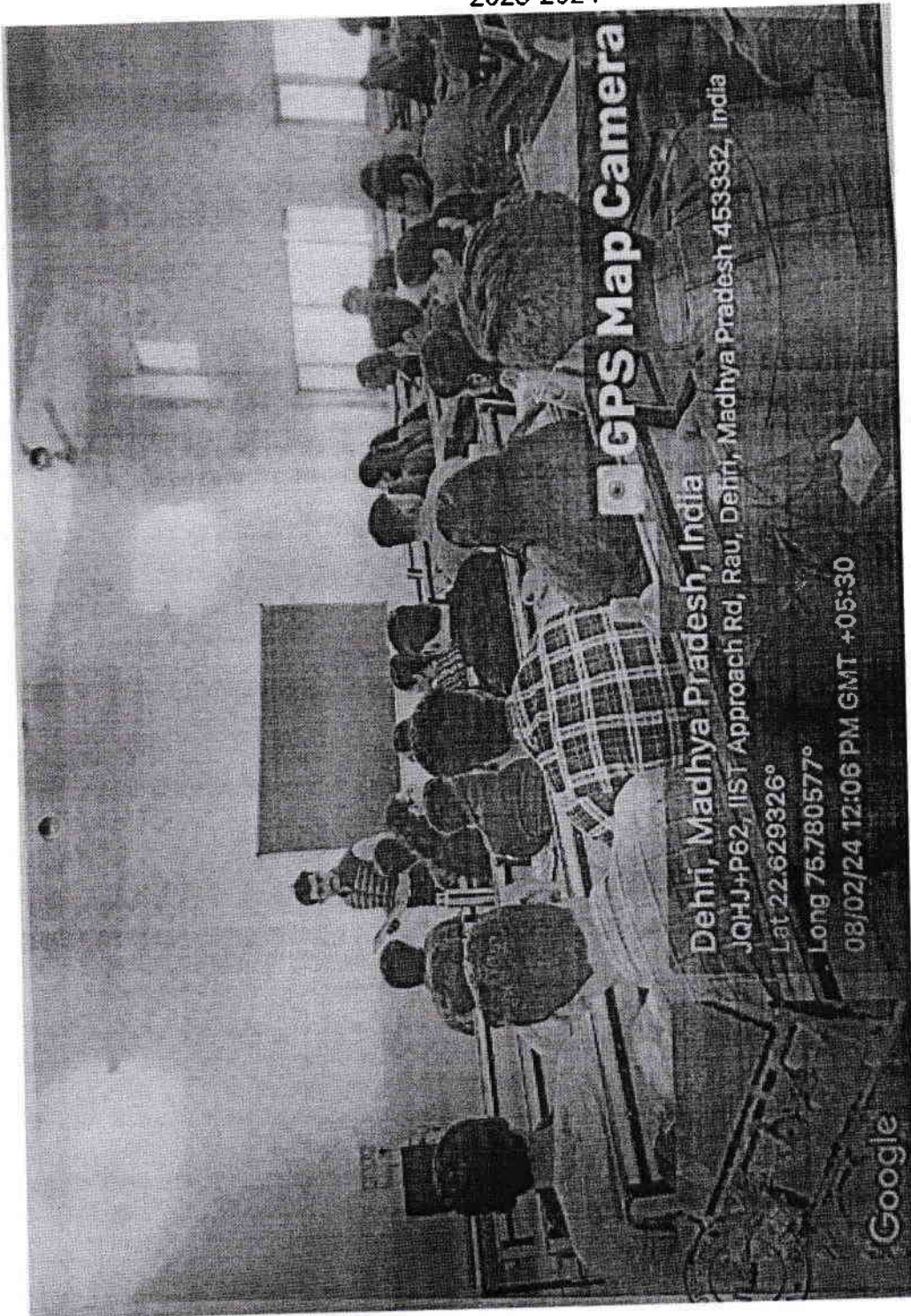
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2023-2024

Advance Java



Indore Institute of Science and Technology
Approved by AICTE, New Delhi & Affiliated to RGPV, Bhopal

Event Report

Academic Year: 2023-24	Session: Jan-Jun 24
Name of Event: SIG	Topic: Advance Java
Start Date of Event: 26/02/24	End Date of Event: 10/06/24
Organizing Dept.: CSE	Event Coordinator: Mr. Ganesh Patidar

Trainer's Detail:

Name of Trainer: Mr. Pankaj Wadhvani
 Institute / Company: Programming World
 Designation: Director and Co-founder of "Programming World"
 Department: CSE
 Address : 182, Greater Vaishali Nagar, Indore, Madhya Pradesh 452009
 Contact No.: 7415559991
 Email Id: Pankaj.wadhvani@iindureinstitute.com

Details of Participants:

No. of Institutes Participated	No. of Students Participated	Department	No. of Industry Representative	Remark if any
		CSE/IT		
1	159	CSE	0	

*Please enclose a detailed list.

Also enclosed following details:

1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print/Social
3. Detailed summary of events. (Outcome)
4. Notice to students and faculty (Notice board notice copy, WhatsApp / Mail information copy) :
5. List of Participate and Day wise attendance

Dr. Richa Gupta
HOD, CSE



Dr. Keshav Patidar
Principal, IIST
Indore Institute of Science
and Technology, Indore



Principal
Indore Institute of Science
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2023-2024



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Date: 20/02/2024

Approval letter

To,
The Principal
Indore Institute of Science and Technology, Indore

Subject: Proposal for 40 hours training on "Advance Java" from 24th August to 10th June 2024

Respected Sir,
Department of Computer Science and Engineering is planning to organize 40 hours training on Advance Java for the students of B Tech 2nd Year (CS-1 and CS-2) from 24th February to 10th June 2024. The expert is Mr. Pankaj Wadhwar. It is our request to kindly allow us for the same.

Yours faithfully

Mr. Ganesh Patidar,
Assistant Professor
Computer Science & Engineering Department
IIST Indore

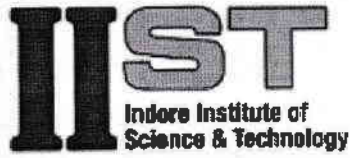
Dr. Richa Gupta
HOD, CSE



Dr. Keshav Patidar
Principal, IIST
Indore Institute of Science
and Technology, Indore



Principal
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2023-2024



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Department of Computer Science and Engineering

Date: 22/02/2024

Notice

All B Tech 2nd year (CS-1 and CS-2) students are hereby notified that a Training program on "Advanced Java" would be held from 26th February to 10th June 2024.

The training will be led by a Mr. Pankaj Wadhvani from IIST Indore.


All students are required to attend the session.

Day	Time
Monday	02:20 pm - 03:10 pm
Tuesday	02:20 pm - 03:10 pm
Wednesday	11:10 am - 12:00 pm
Thursday	11:10 am - 12:00 pm




Mr. Ganesh Patidar
Coordinator


Dr. Richa Gupta
HOD, CSE



Dr. Keshav Patidar
Principal, IIST
Principal
Indore Institute of Science
and Technology, Indore




Principal
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Department of CSE



Add on Course
on

Adv. JAVA

40 Hrs training
for CSE - 4th sem
Starting From: 26th Feb. 2024 onwards

Instructor:



Mr. Parikaj Wadhvani
Corporate Training

Faculty Coordinator:
Mr. Ganesh Poddar

IIST Campus, Opp. IIM(Indore), Rau-Pithampur Road, Rau, Indore 453331(MP)
Toll Free: 1800 103 3000 | 822 567 1000 / 822 487 1000



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2023-2024



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Advance Java

Objectives and Course Outcomes: -

> Learning Objectives

The objective of the training is

- To understand the applications and demand of a fully functioning Core Java, HTML, CSS, Swing, MySql and JDBC Concepts.
- To be able to create/understand the code of HTML, JavaScript, CSS, MySql, Swing, and JDBC programming languages.
- To understand the technical knowledge of JDBC and Database Model.
- To be able to enhance the competency level of students as per the industry requirements.

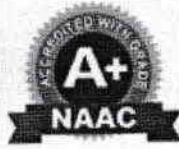
> Course Outcomes

After completing this training, the student will be able to-

- Appreciate the importance Advance Java in various domains.
- Apply competency towards the development of web-based models.
- Understand a very broad and collective knowledge of applying different front-end and back-end technology.
- Apply the knowledge of Core Java, JDBC and MySql to develop Database based application.



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Department of Computer Science and Engineering
Summary/Report for Training
on
“Advance Java”

Title : Advance Java
Date of Event : 26/02/2024 to 10/06/2024
Trainer : Mr. Pankaj Wadhvani
Coordinator : Mr. Ganesh Patidar

Summary:

Computer Science and Engineering department organized training on “Advance Java” for 40 hours. The Training has been taken by Mr. Pankaj Wadhvani. He gave training on ‘HTML, JavaScript, Core Java and JDBC for Beginners: Build a Database App’ from scratch and he explains so many important concepts of Java collection, HTML, CSS, JDBC, Swing classes etc. The technology is very demanding and has a great potential to accelerate the career of students. The main purpose of this training was to enable students to get detailed insights of Advance Java with hands-on to some basic database application. The Advanced Java Training event aims to equip students with the skills needed to tackle complex Java projects, optimize performance, and stay updated with the latest advancements in the Java ecosystem. Students will learn techniques to write more efficient and high-performing Java applications. The event also emphasized performance tuning, memory management, and best practices for writing efficient code.



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Photographs



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2023-2024

Problem Solving & competitive Programming



Indore Institute of Science and Technology
Approved by AICTE, New Delhi & Affiliated to RGPV, Bhopal

Date: 01/02/2024

Approval letter

To,
The Principal
Indore Institute of Science and Technology, Indore

Subject: Hands - on training in Problem Solving & Competitive Programming

Respected sir,
Department of Computer Science and Engineering is planning to organize a training program on Hands - on training in Problem Solving Competitive Programming for the students of B Tech 3rd Year (CSE, IT) from 5 /02/2024 . The expert is Ms. Varsha Zankar. It is our request to kindly allow us for the same.

Yours faithfully
Ms. Priyanka Kumawat
Assistant Professor
Computer Science & Engineering Department
IIST Indore

HOD
Dr. Richa Gupta



Principal
Dr. Keshav Patidar
Indore Institute of Science
and Technology, Indore



Principal
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Department of Computer Science and Engineering

Date: 01/02/2024

Notice

All B Tech 3rd year (CSE, ~~IT~~) students are hereby notified that a Training program on "Hands-on training in Problem Solving & Competitive Programming" would be held from 5/02/2024. Training will be led by Ms. Varsha Zokarkar, corporate trainer.

All students are required to attend the session.

Coordinator
Ms. Priyanka Kumawat

HOD CSE
Dr. Richa Gupta

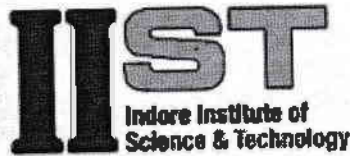
Dean CSE/IT/AIML
Dr. Richa Gupta



Principal
Dr. Keshav Patidar
Principal
Indore Institute of Science
and Technology, Indore



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Indore Institute of Science and Technology
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Event Report

Academic Year -2023-2024

Session: Jan-June-2024

Name of Event: Hands on training on Problem solving and competitive programming

Start Date of Event: 05/02/23

Topic: Hands - on training on Problem Solving & competitive programming

Event Coordinator: Prof. Priyanka Kumrawat

Organizing Dept.: CSE

Name of Trainer: Ms. Varsha Zokarkar
Institute / Company: IIST, Rau
Designation: Trainer
Address:
Contact No.: 903944758

Department: CSE

Email Id: varsha.zokarkar@indoreinstitute.com

Details of Participants:

No. of Institutes Participated	No. of Students Participated	Department	No. of Industry Representative	Remark if any
		CSE/IT		
1	147	CSE	1	

*Please enclose a detailed list.

Also enclosed following details:

1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print/Social
3. Detailed summary of events. (Outcome)
4. Notice to students and faculty (Notice board notice copy, WhatsApp / Mail information copy) :
5. List of Participate and Day wise attendance

HOD



Principal

Indore Institute of Science and Technology, Indore

Principal

Indore Institute of Science and Technology, Indore



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Indore Institute of Science and Technology
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Department of Computer Science and Engineering

Summary/Report for Training
on

Hands - on training in Problem Solving & Competitive Programming

Title: : Hands - on training in Problem Solving & Competitive Programming

Date of Event : 05/02/2024

Trainer : Ms. Varsha Zokarkar

Coordinator : Ms. Priyanka Kumrawat

Summary:

The Computer Science and Engineering department organize a training program on "Hands on training in Problem Solving & Competitive Programming". The Training has been taken by Ms. Varsha Zokarkar, corporate trainer. He gave training on Algorithmic Problem Solving: Learning and implementing various algorithms to solve complex problems efficiently, Data Structures: Mastering the use of essential data structures such as arrays, linked lists, trees, heaps, and graphs to optimize code performance, Competitive Programming Techniques: Practicing coding under time constraints and developing strategies to solve competitive programming challenges effectively. Additionally, the training included hands-on sessions where students tackled real-world coding problems, participated in simulated contests, and collaborated with peers to enhance my problem-solving abilities. Hands-on training in problem-solving and competitive programming proved to be highly effective in achieving its objectives. Participants not only acquired essential technical skills but also developed critical thinking abilities and teamwork. Future iterations of the training should continue to emphasize practical application and real-world problem-solving scenarios to further enhance participant's capabilities in this increasingly vital field.



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Department of Computer Science and Engineering

Summary/Report for Training
on

Hands - on training in Problem Solving & Competitive Programming

Title: : Hands - on training in Problem Solving & Competitive Programming

Date of Event : 05/02/2024

Trainer : Ms. Varsha Zokarkar

Coordinator : Ms. Priyanka Kumrawat

Summary:

The Computer Science and Engineering department organize a training program on "Hands on training in Problem Solving & Competitive Programming". The Training has been taken by Ms. Varsha Zokarkar, corporate trainer. He gave training on Algorithmic Problem Solving: Learning and implementing various algorithms to solve complex problems efficiently, Data Structures: Mastering the use of essential data structures such as arrays, linked lists, trees, heaps, and graphs to optimize code performance, Competitive Programming Techniques: Practicing coding under time constraints and developing strategies to solve competitive programming challenges effectively. Additionally, the training included hands-on sessions where students tackled real-world coding problems, participated in simulated contests, and collaborated with peers to enhance my problem-solving abilities. Hands-on training in problem-solving and competitive programming proved to be highly effective in achieving its objectives. Participants not only acquired essential technical skills but also developed critical thinking abilities and teamwork. Future iterations of the training should continue to emphasize practical application and real-world problem-solving scenarios to further enhance participant's capabilities in this increasingly vital field.

[Handwritten Signature]



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Hands-on training in Problem Solving & Competitive Programming

Objectives and Course Outcomes:-

➤ **Learning Objectives**

The objective of the training is:

1. **Mastering Algorithms:** Understand and implement various algorithms, including searching, sorting, dynamic programming, and graph algorithms.
2. **Data Structures Proficiency:** Gain proficiency in essential data structures such as arrays, linked lists, stacks, queues, trees, heaps, and graphs, and understand when to use each data structure effectively.
3. **Efficient Coding Techniques:** Learn advanced programming techniques to write efficient and optimized code, focusing on time and space complexity.
4. **Problem-Solving Skills:** Develop problem-solving skills by analysing complex problems, breaking them down into smaller sub-problems, and devising algorithmic solutions.
5. **Competitive Programming Strategies:** Learn strategies and tactics specific to competitive programming, including handling time constraints, managing large inputs, and optimizing solutions for competitive environments.
6. **Practice and Application:** Engage in hands-on practice sessions, participate in coding contests (e.g., Codeforces, TopCoder), and solve a variety of real-world and theoretical problems.

➤ **Course Outcomes:**

1. **Proficiency in Algorithmic Thinking:** Ability to analyse problems, apply appropriate algorithms, and devise efficient solutions.
2. **Expertise in Data Structures:** Mastery of essential data structures and their applications in solving programming challenges.
3. **Competitive Programming Skills:** Capability to compete effectively in online coding competitions, with improved speed and accuracy in problem-solving.
4. **Optimized Coding Practices:** Skill in writing clean, efficient, and maintainable code, focusing on performance and scalability.
5. **Problem-Solving Agility:** Increased agility in tackling unfamiliar problems, breaking them down systematically, and implementing effective solutions.



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2023-2024

**Indore Institute of
Science & Technology**

Department of Computer Science & Engineering

Organizing
Hands-on Training
in
**Problem Solving &
Competitive Programming**
(For students of 3rd Year CSE)

Trainer:



Ms. Varsha Zokarkar
Corporate Trainer

Date: 5th Feb. 2024 | **Venue:** DST Campus, Rau

Faculty Coordinator:
Ms. Priyanka Kumarawat
Asst. Prof. CSE

Student Coordinator:
Ar. Gupta



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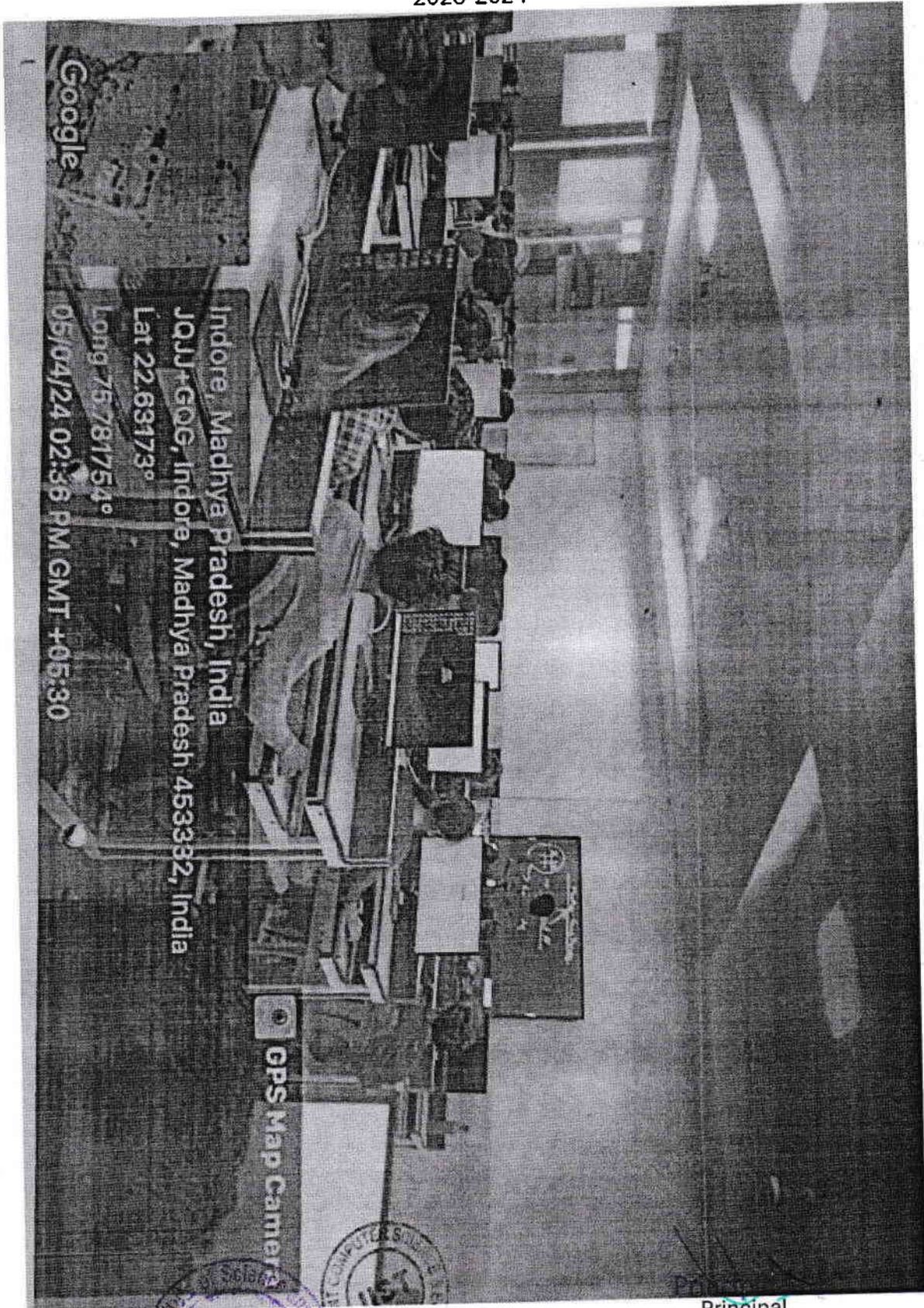

Principal
Principal
Indore Institute of Science
and Technology, Indore



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2023-2024

8. Algotution: Foundation of Data Structure & Algorithm



Indore Institute of Science and Technology
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Event Report

Academic Year -2023-2024

Session: July-Dec-2023

Name of Event: Training

Date of Event: 07/08/23

Topic: **ALGOLUTION: Foundation of Data Structure & Algorithm**

Organizing Dept.: IT

Event Coordinator: Ms. Rupal Yadav

Name of Trainer: Mr. Pritesh Saklecha
Designation: Assistant Professor

Department: IT

Contact No.: 7869899272

Email ID: pritesh.saklecha@indoreinstitute.com

Details of Participants:

No. of Institutes Participated	No. of Students Participated	Department	No. of Industry Representative	Remark if any
		CS/IT/AIML/IOT		
1	459		0	

*Please enclose a detailed list.

Also enclosed following details:

1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print/Social
3. Detailed summary of events. (Outcome)
4. Notice to students and faculty (Notice board notice copy, WhatsApp / Mail information copy):
5. List of Participate and Day wise attendance

Mangy Vekshon
HOD



[Signature]
Principal

Principal
Indore Institute of Science and Technology, Indore



[Signature]
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Date: 04/08/2023

Approval letter

To,
The Principal
Indore Institute of Science and Technology, Indore

Subject: Proposal for 45 hours training on "ALGOLUTION: Foundation of Data Structure & Algorithm" from 7th Aug to 15 Dec. 2023.

Respected sir,

The Department of Information Technology is planning to organize a 45 hours training program on ALGOLUTION: Foundation of Data Structure & Algorithm for the students of B Tech 2nd Year (CSE, IT,AIML,IOT) from 7th August to 15th December 2023 . The Trainer is Mr Pritesh Saklecha. It is our request to kindly allow us for the same.

Put up for your kind approval.

Ms. Rupal Yadav
Yours faithfully
Ms. Rupal Yadav
Assistant Professor
Information Technology Department
IIST Indore
Margi Patil
HOD
Dr. Margi Patel

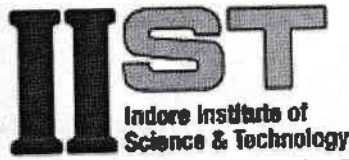


Dr. Keshav Patidar
Principal
Dr. Keshav Patidar

Principal
Indore Institute of Science
and Technology, Indore



Dr. Keshav Patidar
Principal
Indore Institute of Science
and Technology, Indore



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Indore Institute of Science and Technology Approved by AICTE, New Delhi & Affiliated to RGPV, Bhopal Department of Information Technology

Date: 04/08/2023

Notice

All B Tech 2nd year (CSE, IT, AIML, IOT) students are hereby notified that a Training on "ALGOLUTION: Foundation of Data Structure and Algorithm" would be held from 7th Aug to 15th Dec 2023. The training will be led by IT Department IIST Indore. All students are required to attend the session.

Time: - 9:30 AM

Coordinator
Ms. Rupal Yadav

HOD IT

Dr. Margi Patel

Dean CSE/IT/AIML
Dr. Richa Gupta



Principal

Dr. Keshav Patidar



Principal
Indore Institute of Science
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2023-2024



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Department of information Technology

Summary/Report for Training
on

“ALGOLUTION: Foundation of Data Structure & Algorithm”

Title : “ALGOLUTION: Foundation of Data Structure & Algorithm”

Date of Event : 07/08/2023 to 15/12/2023

Trainer : Mr. Pritesh Saklecha

Coordinator : Ms. Rupal yadav

Summary:

The Information Technology department organized a training program on “ALGOLUTION: Foundation of Data Structure & Algorithm” for 45 hours. The Training has been taken by Mr. Pritesh Saklecha. He gave training on Data Structure and algorithm from scratch and he explained so many important concepts of Stack, Queue, Linked List, Tree and all the basics of Data structure. The technology is very demanding and has a great potential to accelerate the career of students. The main purpose of this training was to enable students to get detailed insights of DSA with hands-on practical implementation. The training session aimed to enhance participants' understanding and proficiency in fundamental data structures and algorithms essential for effective problem-solving in software development and computer science. Encouraged participants to solve problems using learned concepts to reinforce understanding. Emphasized the importance of choosing appropriate data structures based on specific problem requirements.




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2023-2024

IMS-2024/01-2023/001-004

12/24, 3:02 PM

A+ NAAC **IIST** Indore Institute of Science & Technology
Department of Information Technology
Semester III (July-Dec 2023)

Training on ALGOLUTION:
Foundation of Data Structure & Algorithms
45 Hrs training
From: 7th Aug, 2023

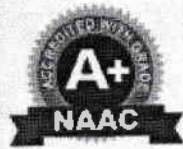
Resource Persons:
Mr. Pritesh Saklecha (Trainer)

Faculty Coordinator: Ms. Rupal Yadav
Contact: +91 96852 33507

Data Structures & Algorithms SIG



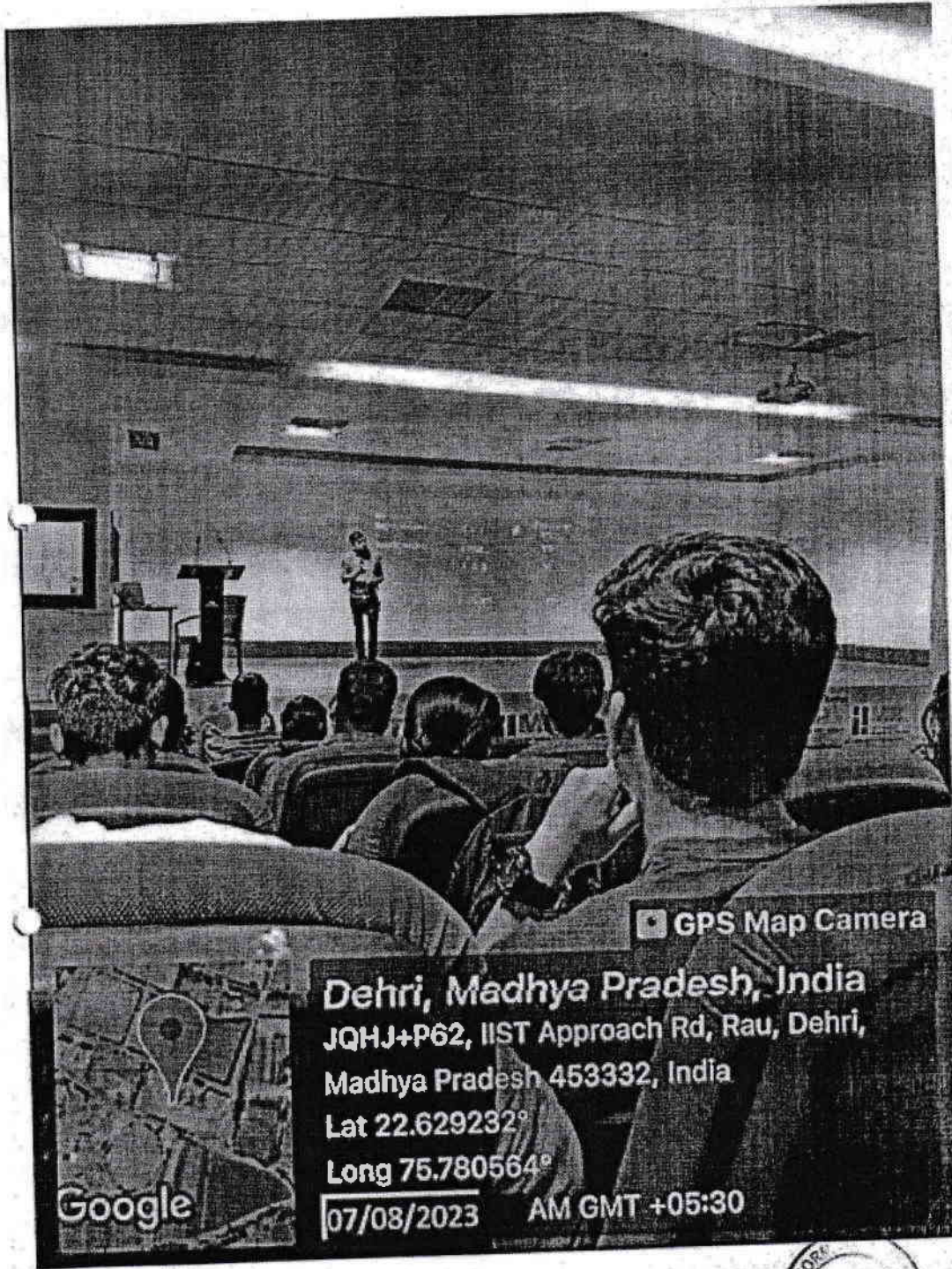
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ALGOLUTION: Foundation of Data Structure and Algorithm

Objectives and Course Outcomes:-

➤ Objectives

The objective of the session is

- Learn all basics of DSA
- describe the importance of DSA;
- Understanding the need of DSA in software development program;
- state the functions of DSA in software development.
- distinguish between data structure and dbms;
- explain the issues and problems faced while structuring the data

Course Outcomes

After completing this session, the student will be able to-

- Will be able to solve all the Data Structure problems and sort and arrange the data in well mannered.
- Ability to apply all the algorithms to solve DSA problems.



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9. aws-2



Indore Institute of Science & Technology

Event Report

Academic Year – 2023-24

Session: Jan -Jun 2024

Name of Event: Workshop cum Certification Course on "AWS and its Infrastructure"

Date of Event: 15th Jan – 3rd Feb 2024

Organizing Dept.: Dept. of IT, IIST Indore

Event Coordinator: Mr. Devendra Kustrwah

Name of Expert/Guest: Mr. Nishant Vijayvergiya

Institute / Company: IIST, Indore

Designation: Assistant Professor

Department: Information Technology

Contact No.:9907313322

Details of Participants:

No. of Institutes Participated	No. of Students Participated	Department		No. of Industry Representative	Remark if any
		CSE/IT/EC/ME/CM/ESH			
1	86	CSE		0	

*Please enclose a detailed list.

Also enclosed following details:

1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print/Social
3. Detailed summary of events. (Outcome)
4. Media Report (attach copy of newspaper)/ write-up for media/ FB write-up
5. Certificate / Letter (if printed by Institute or Organizing Partner)

Mangli Vekari
HOD



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Page 1 / 1



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2023-2024

Approval Letter

Department of Information Technology is willing to organize 13 days' Workshop cum Certification Course on "AWS and its Infrastructure" from 15th Jan - 3rd Feb 2024.

Kindly approve for organizing the workshop in the department. Resource person for the same will be Prof. Nishant Vijayvergiya (AWS Certified Cloud Practitioner)

Masay Vellebra

HOD IT



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2023-2024

DATE: 08/01/2024

NOTICE

This is to inform you that Department of Information Technology is going to organize workshop cum certification course on "AWS and its Infrastructure" from 15th Jan – 3rd Feb 2024. All the students of III year will have to participate actively in this workshop so that you will get knowledge from that event. The event will be held at Seminar Hall-II, C block from 11:20 AM to 01:10 PM.

Faculty Coordinator:

Mr. Devendra Kushwah

Maaygi Yacheta
HOD IT



PRINCIPAL
Principal
Indore Institute of Science
and Technology, Indore



Principal
Indore Institute of Science
and Technology, Indore



Objective and Outcome of the SIG

Learning Objectives

The objective of the training is

- To Define the cloud & understand AWS Cloud platform.
- To Understand various services offered by AWS.
- To Identify the global infrastructure components of AWS.
- Perform Hands-on training on AWS management console.

Course Outcomes

After completing this training, the student will be able to-

- Define cloud computing technology using AWS & also the benefits of using cloud technology over traditional physical data centers.
- Define various AWS services.
 - Describe security and compliance measures of the AWS Cloud including AWS Identity and Access Management (IAM).
 - Create an AWS Virtual Private Cloud (Amazon VPC).
 - Demonstrate when to use Amazon Elastic Compute Cloud (EC2), AWS Lambda and AWS Elastic Beanstalk.
 - Differentiate between Amazon S3, Amazon EBS, Amazon EFS and Amazon S3 Glacier.
 - Demonstrate when to use AWS Database services including Amazon Relational Database Service (RDS), Amazon DynamoDB, Amazon Redshift, and Amazon Aurora.
- Understand global infrastructure of AWS Cloud & AWS cloud architecting principles.

Faculty
Coordinator

Mr. Devendra Kushwah



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2023-2024



Indore Institute of Science & Technology

Department of Information Technology
Organizing
**Workshop cum Certification Course
on
AWS & its Infrastructure**
(For students of 3rd Year CSE & Allied branches)

Trainer:



Mr. Nishant Vijayvergiya
Asst. Prof. - CSE, IIST, Indore

Faculty Coordinator:
Mr. Divendra Kushwaha
Asst. Prof. - CSE

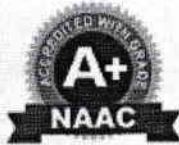
Date:
15th Jan - 3rd Feb, 2024

Venue:
IIST Campus, Raw

IIST Campus, Opp. DM Indore, Raw-Pithampur Road, Raw, Indore 453331/MP
Toll Free: 1800 483 3869 | 822 407 1000/3000 | 822 507 2000/3000
www.indoreinstitute.com



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Department of IT

Summary/Report on Workshop cum Certification Course on "AWS and its Infrastructure"

Title : AWS and its Infrastructure

Date of Event : 15th Jan – 3rd Feb 2024.

Trainer : Mr. Nishant Vijayvergiya

Coordinator : Mr. Devedra Kushwah

Summary:

The workshop cum certification course on "AWS and its Infrastructure" was conducted successfully from 15th Jan – 3rd Feb 2024. The course aimed to provide participants with comprehensive knowledge and practical skills in utilizing Amazon Web Services (AWS) for building and managing scalable, secure, and cost-efficient infrastructures. The "AWS and its Infrastructure" workshop cum certification course achieved its objectives of equipping participants with practical AWS skills and preparing them for certification. The hands-on training and comprehensive coverage of AWS services ensured that participants were well-prepared to implement AWS solutions effectively in their respective roles. This workshop was made possible through the efforts of our dedicated instructors and the enthusiastic participation of our attendees.

Key Outcomes of the course are:

- **Skill Enhancement:** Participants acquired hands-on experience in deploying and managing AWS services, enhancing their proficiency.
- **Certification Achievement:** Several participants successfully cleared AWS academy certification following the workshop.
- **Networking Opportunities:** The workshop facilitated networking among peers and industry experts, fostering knowledge exchange and collaboration.



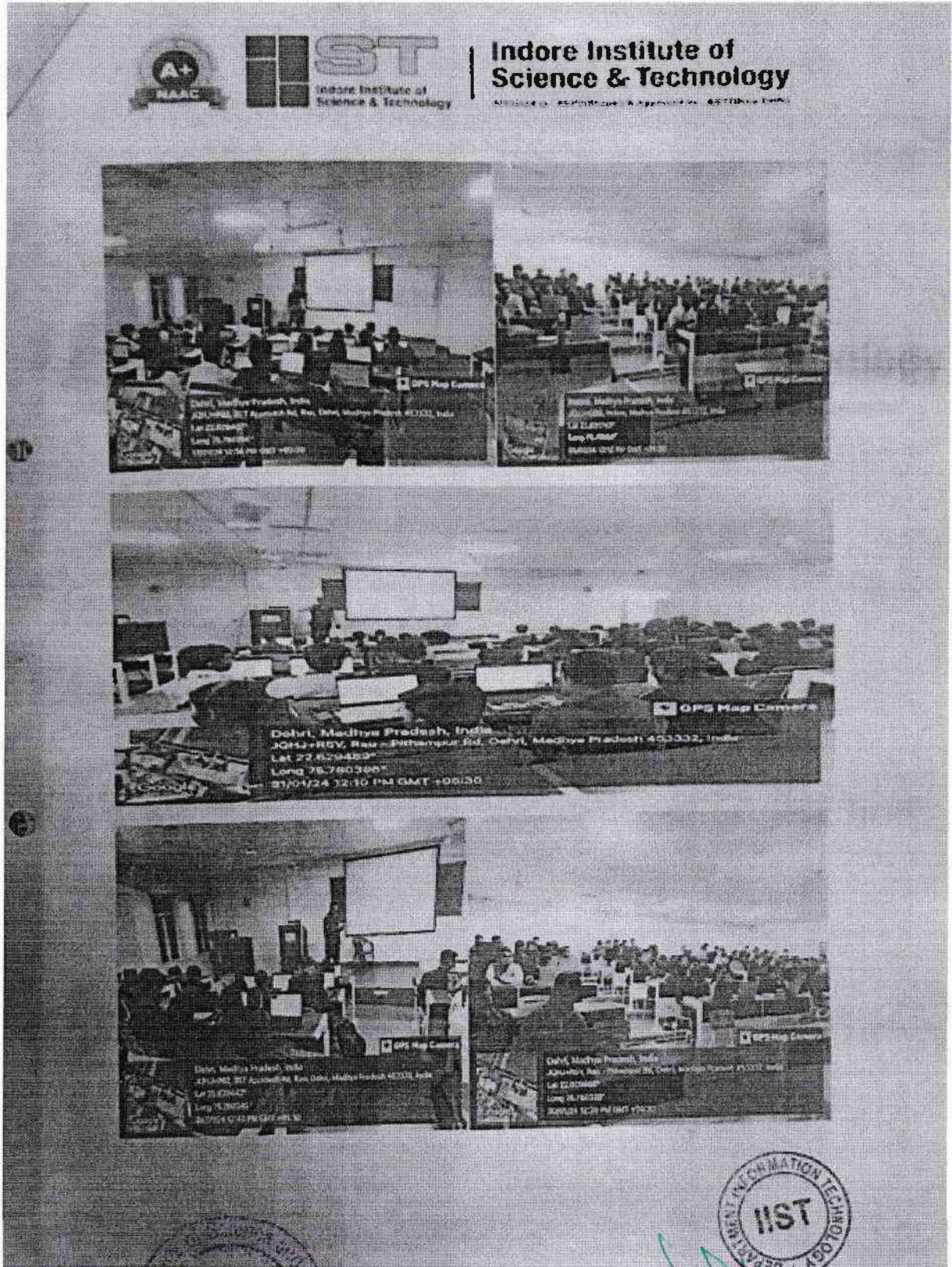
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2023-2024



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STUDENT CERTIFICATES




ARZOO DABDE

Certificate of Completion for
AWS Academy Graduate - AWS Academy Cloud Foundations

Course hours completed
23 hours

Issued on
01/15/2024

Digital badge
<https://www.credly.com/org/iist/aww>



Khushi Katariya

Certificate of Completion for
AWS Academy Graduate - AWS Academy Cloud Foundations

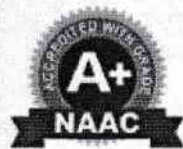
Course hours completed
20 hours

Issued on
02/20/2024

Digital badge
<https://www.credly.com/org/iist/aww>



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2023-2024

CCNA



Indore Institute of Science and Technology
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Event Report

Academic Year -2023-2024

Session: Jan-June-2024

Name of Event: Workshop cum Certification Course

Date of Event: 15/01/24 - 03/02/24

Topic: Workshop cum Certification Course on CCNA

Organizing Dept.: IT

Event Coordinator: Ms. Rupal Yadav

Name of Guest: Mr. Amit Kanungo
Designation: Assistant Professor

Department: IT

Contact No.:

Email Id:

Details of Participants:

No. of Institutes Participated	No. of Students Participated	Department	No. of Industry Representative	Remark if any
		CS/IT		
1	52		0	

*Please enclose a detailed list.

Also enclosed following details:

1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print/Social
3. Detailed summary of events. (Outcome)
4. Notice to students and faculty (Notice board notice copy, WhatsApp / Mail information copy) :
5. List of Participants and Day wise attendance

Manoj Vekari
HOD



[Signature]

Principal
Principal
Indore Institute of Science
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[Signature]
Principal
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Department of Information Technology


Date: 13/01/2024

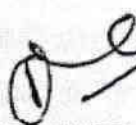
Notice


All B Tech 3rd year (CS, IT) students are hereby notified that the Department of Information Technology is organizing a Workshop cum Certification Course on CCNA. The session will be led by a Mr. Amit Kanungo from Indore. All students are required to take advantage of the session.

Time: - 09:30 AM onwards



Coordinator
Ms. Rupal Yadav


HOD IT
Dr. Margi Patel


Dean CSE/IT/AIML
Dr. Richa Gupta


Principal
Dr. Keshav Patidar
Principal
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Date: 13/01/2024

Approval letter

To,
The Principal
Indore Institute of Science and Technology, Indore

Subject: Workshop cum Certification Course on CCNA(CISCO Certified Network Associate)

Respected sir,

The Department of Information Technology is planning to Organize a Workshop cum Certification Course CCNA for the students of B Tech 3rd Year (CS, IT) from 15 Jan 2024 to 02 Feb 2024. The expert is Mr. Amit Karungo. It is our request to kindly allow us for the same.

Rupal Yadav

Yours faithfully
Mr. Rupal Yadav
Assistant Professor
Information Technology Department
IIST Indore

Margi Patel
HOD
Dr. Margi Patel



Keshav Patidar

Principal
Dr. Keshav Patidar
Principal
Indore Institute of Science
and Technology, Indore



Keshav Patidar
Principal
Indore Institute of Science
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Department of Information Technology

Report on Workshop cum Certification Course on CCNA

Title : Workshop cum Certification Course on CCNA
Date of Event : 15/01/24 - 03/02/24
Expert : Mr. Amit Kanungo
Coordinator : Ms Rupal Yadav

Summary:

The Information Technology department organized "Workshop cum Certification Course on CCNA". The expert focused on why it is important. The CCNA training session aimed to prepare participants for the Cisco Certified Network Associate certification exam. It covered key networking concepts such as network fundamentals, LAN switching technologies, routing technologies, WAN technologies, infrastructure services, and security fundamentals.

The training included hands-on labs and simulations to practice configuring and troubleshooting network devices, ensuring practical understanding of networking protocols and configurations. Participants engaged in discussions on real-world networking scenarios and best practices.



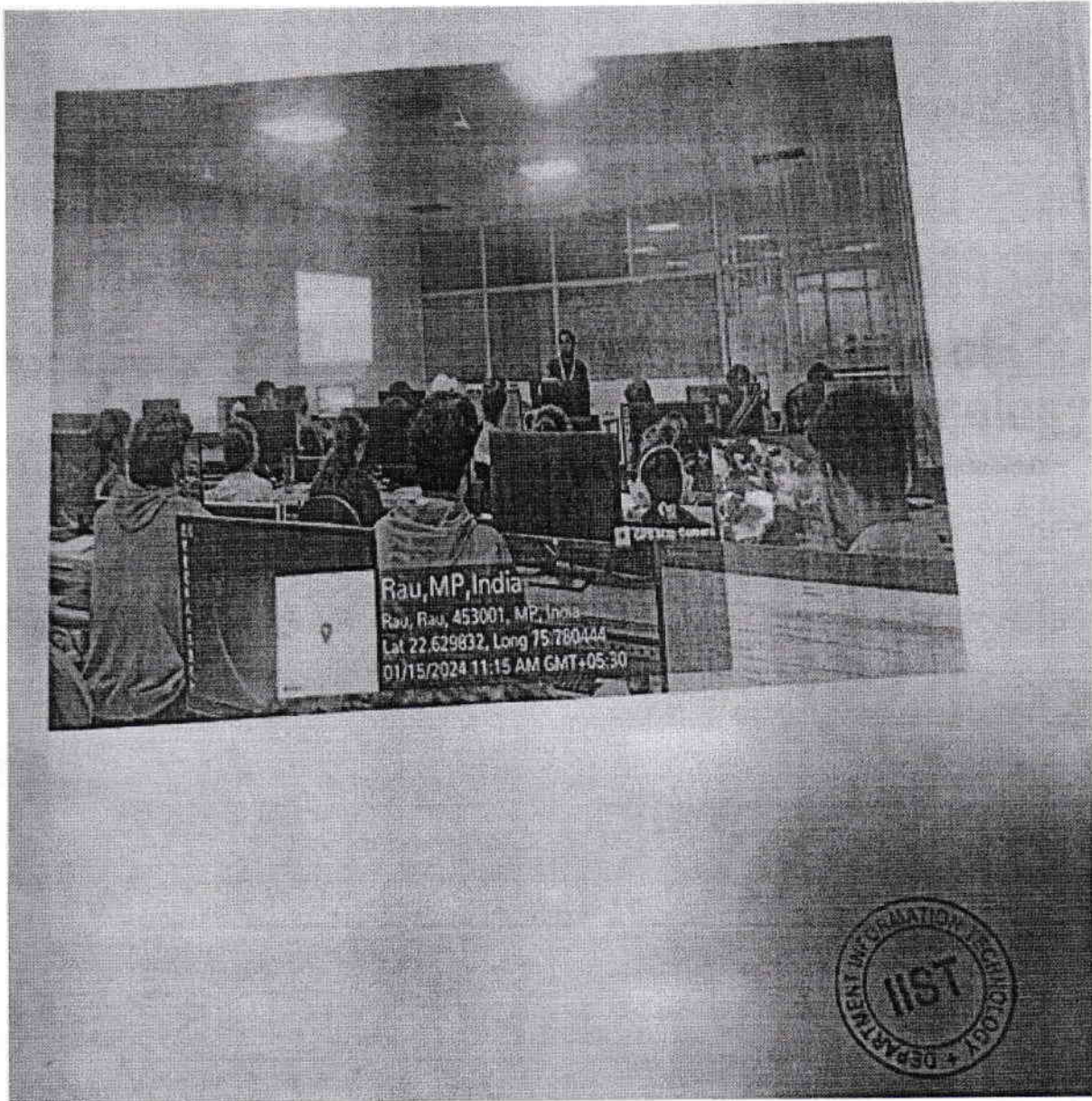
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Workshop cum Certification Course on CCNA

Objectives and Course Outcomes:-

- CCNA training aims to provide a solid understanding of networking concepts, protocols, and technologies.
- This includes understanding the OSI model, TCP/IP stack, subnetting, and basic network design principles
- Participants learn how to configure and manage Cisco routers and switches. This includes understanding VLANs, spanning tree protocol (STP), routing protocols (such as OSPF and EIGRP), and access control lists (ACLs).
- CCNA training covers basic security principles and practices, including securing network devices, implementing firewalls, and configuring VPNs (Virtual Private Networks).
- Troubleshooting skills are critical for network administrators.

> Objectives

The objective of the session is

Course Outcomes

After completing this session, the student will be able to-

- The outcome of CCNA training is multifaceted, aiming to equip individuals with the skills and knowledge necessary to succeed in networking roles.
- Participants gain a deep understanding of fundamental networking concepts, including the OSI model, TCP/IP protocol suite, subnetting, and network addressing.
- CCNA training provides hands-on experience with Cisco routers and switches, enabling participants to configure, manage, and troubleshoot these devices effectively.



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Department of Information Technology
Organizing
**Workshop cum Certification Course
on
CISCO CERTIFIED NETWORK ASSOCIATE**
(For students of 3rd Year CSE & Allied branches)

Trainer:



Mr. Amit Kanungo
Asst. Prof. - CSE, IIST, Indore

Faculty Coordinator:
Mr. Roopal Yadav
Asst. Prof. - CSE



Date: 15th Jan - 3rd Feb, 2024 | Venue: IIST Campus, Rau

IIST Campus, Opp. DM (Indore), Rau-Pithampur Road, Rau, Indore 453331 (MP)
Toll Free: 1800 103 3069 | 822 407 1000/2000 | 822 507 2000/3000
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10. Advance Java



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Event Report

Academic Year : 2023-2024

Session: Jan-June 2024

Name of Event: Advance Java

Start Date of Event: 26/02/24

Topic: Advance Java

End Date of Event: 10/06/24

Organizing Dept.: IT

Event Coordinator: Neeraj Pathwal

Trainer's Detail:

Name of Trainer: Mr. Pankaj Wadhvani
Institute / Company: Programming World
Designation: Director and Co-founder of "Programming World"
Department: CSE
Address : 182, Greater Vaishali Nagar, Indore, Madhya Pradesh 452009
Contact No.: 7415559991
Email Id: Pankaj.wadhvani@indoreinstitute.com

Details of Participants:

No. of Institutes Participated	No. of Students Participated	Department		No. of Industry Representative	Remark if any
		CSE/IT	Others		
1	155	CSE/IT		0	

*Please enclose a detailed list.

Also enclosed following details:

1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print/Social
3. Detailed summary of events. (Outcome)
4. Notice to students and faculty (Notice board notice copy, WhatsApp / Mail information copy) :
5. List of Participate and Day wise attendance

Neeraj Pathwal
HOD



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2023-2024



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Date: 20/02/2024

Approval letter

To,
The Principal
Indore Institute of Science and Technology, Indore

Subject: Proposal for 40 hours training on "Advance Java" from 26th August to 10th June 2024

Respected Sir,
Department of Information Technology is planning to organize 40 hours training on Advance Java for the students of B Tech 2nd Year (CSE Section 3 & IT 4th Semester) from 26th February to 10th June 2024. The expert is Mr. Pankaj Wadhvani. It is our request to kindly allow us for the same.

Yours faithfully
Mr. Neeraj Paliwal
Assistant Professor
Computer Science & Engineering Department
IIST Indore

Maay Vachan
HOD



[Signature]
Principal
Indore Institute of Science and Technology, Indore



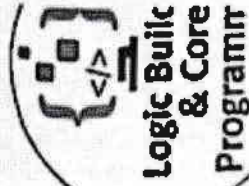
[Signature]
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Department of Information Technology

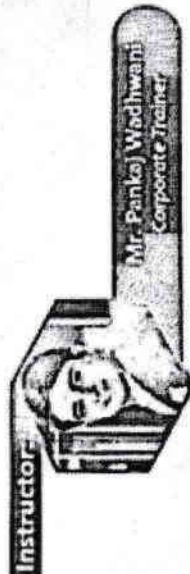
Add on Course
on

ADV. JAVA

40 Hrs training

for CSE & IT 4th sem

Starting From: 26th Feb. 2024 onwards



Faculty Coordinator:-
Mr. Neeraj Pathwal

campus, Opp. IIM(indora), Rau-Pithampur Road, Rau, Indore 453331 (MP)
Toll Free: 1800 103 3069 | 822 507 1000 / 822 407 1000



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Department of Information Technology

Date: 22/02/2024

Notice

All B Tech 2nd year (CSE Section 3 & IT 4th Semester) students are hereby notified that a Training program on "Advanced Java" would be held from 26th February to 10th June 2024.

The training will be led by a Mr. Pankaj Wadhwani from Indore.

All students are required to attend the session.

~~Coordinator~~



Principal

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Mangy Vekhan
HOD



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Department of Information Technology

Summary/Report for Training
on
"Advance Java"

Title : Advance Java
Date of Event : 26/02/2024 to 16/06/2024
Trainer : Mr. Pankaj Wadhvani
Coordinator : Mr. Neeraj Paliwal

Summary:

The Information Technology department recently organized a 40-hour training session on "Advance Java," conducted by Mr. Pankaj Wadhvani. The training covered essential topics such as HTML, JavaScript, Core Java, and JDBC for Beginners: Build a Database App, starting from scratch. Mr. Wadhvani explained many important concepts of Core Java, JDBC, and Swing classes, highlighting the high demand and potential of this technology to accelerate students' careers.

The primary objective of this training was to provide students with detailed insights into Advance Java and hands-on experience in building basic database applications. By bridging the gap between academic learning and real-world application, it empowered students with the knowledge and skills necessary to navigate the competitive job market and succeed in their professional endeavours.



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Advance Java

Objectives and Course Outcomes:-

Learning Objectives

The objective of the training is

- To understand the applications and demand of a fully functioning Core Java, HTML, CSS, Swing, MySql and JDBC Concepts.
- To be able to create/understand the code of HTML, JavaScript, CSS, MySql, Swing, and JDBC programming languages.
- To understand the technical knowledge of JDBC and Database Model.
- To be able to enhance the competency level of students as per the industry requirements.

Course Outcomes

After completing this training, the student will be able to-

- Appreciate the importance Advance Java in various domains.
- Apply competency towards the development of web-based models.
- Understand a very broad and collective knowledge of applying different front-end and back-end technology.
- Apply the knowledge of Core Java, JDBC and MySql to develop Database based application.



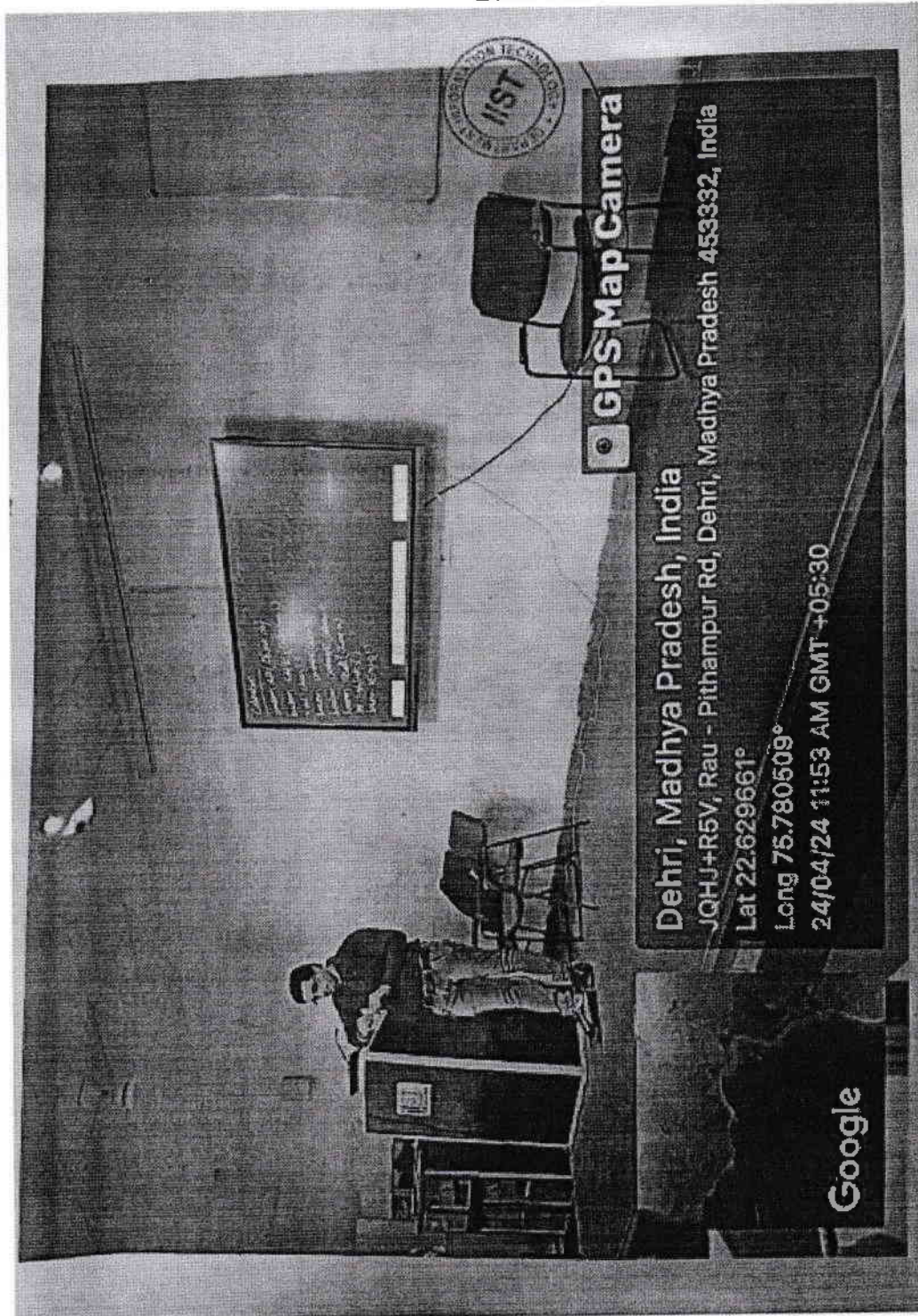

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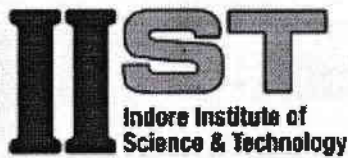
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Algotution:-Algorithmic Pinnacle-Navigating Complexity



Indore Institute of Science and Technology

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Event Report

Academic Year – 2023-24

Session: Jan -Jan 2024

Name of Event: "Algotution- Algorithmic Pinnacle Navigating Complexity"

Date of Event: 26 Feb 2024

Organizing Dept.: Dept of IT, IIST Indore

Event Coordinator: Mrs. Megha Bithare

Name of Expert/Guest: Mr. Pritesh Saklecia

Institute / Company: IIST , Indore

Designation: Trainer Department: IT

Contact No.:7869899272

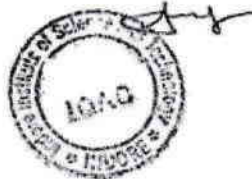
Details of Participants:

No. of Institutes Participated	No. of Students Participated	Department	No. of Industry Representative	Remark if any
		CSE/IT/EC/ME/CV/ESH		
1	74	CSE/IT	0	

*Please enclose a detailed list.

Also enclosed following details:

1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print/Social
3. Detailed summary of events. (Outcome)
4. Media Report (attach copy of newspaper)/ write-up for media/ FB write-up
5. Certificate / Letter (if printed by Institute or Organizing Partner)



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DATE: 21/02/2024

NOTICE

This is to inform you that Department of Information Technology is going to organize training cum internship on "Algotution- Algorithmic Pinnacle Navigating Complexity" from 26th Feb 2024 onwards .All the students of II year will have to participate actively so that you will get knowledge from that event. The internship will be held at class room no 21 C block from 11:20 AM.

Faculty Coordinator:

Mrs. Megha Bithare



Mary Yehum
HOD



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DATE: 20/02/2024

Approval Letter

Department of Information Technology is willing to organize 40 hrs Training cum Internship on Algotution - Algorithmic Pinnacle Navigating Complexity from 26 Feb 2024. Trainer for the same will be Mr. Pritesh saklecha and coordinator will be Ms. Megha Birthare.

Kindly approve for organizing the training cum internship in the department. Proposal enclosed herewith.

Mary V. V. V.
HOD

Principal
Indore Institute of Science
and Technology, Indore



Mary V. V. V.
Principal
Indore Institute of Science
and Technology, Indore



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Department of IT

Summary/Report on "Training cum Internship on Algolution- Algorithmic Pinnacle
Navigating Complexity"

Title : Training cum Internship on Algolution- Algorithmic Pinnacle
Navigating Complexity

Date of Event : 26 Feb 2024.

Trainer(Guest) : Mr. Pritesh Saklecha

Coordinator : Ms. Megha Bithure

Summary:

The training cum internship program at Algolution aimed to provide hands-on experience and deepen the understanding of algorithmic solutions and their applications. The program spanned offering a blend of theoretical knowledge and practical exposure. The internship at Algolution was an enriching experience that bridged the gap between academic knowledge and practical application. The mentorship and support provided were instrumental in the successful completion of the projects. The program not only enhanced technical skills but also fostered personal growth. Through hands-on exercises and projects, students will develop critical thinking skills and enhance their ability to solve intricate problems effectively, techniques for analyzing the efficiency of algorithms in terms of time and space complexity will be explored, aiding in selecting optimal solutions for different scenarios.

The training cum internship program at Algolution has been a transformative journey, equipping interns with the skills and knowledge to excel in the field of algorithmic solutions. The experience gained will undoubtedly be a valuable asset in future professional endeavors.



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Objective and Outcome of the SIG

Learning Objectives

The objective of the training is to focus on enhancing participants ability to navigate and solve complex problems using algorithms. Here's a breakdown of its likely objectives:

- **Algorithmic Proficiency:** To improve participants' understanding and application of algorithms across various domains, possibly including computer science, engineering, finance, and more.
- **Complex Problem Solving:** To equip participants with strategies and methodologies to tackle intricate and multifaceted problems effectively.
- **Navigating Complexity:** To develop skills in navigating through complex systems, understanding their dynamics, and identifying optimal solutions using algorithmic approaches.
- **Innovation and Optimization:** To foster innovation by applying advanced algorithms to optimize processes, improve decision-making, and discover new insights.

Course Outcomes

After completing this training, the student will be able to-

- **Understanding Algorithmic Foundations:** Gain a deep understanding of fundamental algorithms and their applications in solving complex problems.
- **Complexity Analysis:** Learn techniques to analyze the time and space complexity of algorithms, and how to choose the most efficient algorithm for a given problem.
- **Problem-Solving Skills:** Develop advanced problem-solving skills through algorithmic thinking and applying algorithms to real-world scenarios.
- **Algorithm Design Techniques:** Explore various algorithm design paradigms such as divide and conquer, dynamic programming, greedy algorithms, and more.

Faculty
Coordinator
Mrs. Megha Bhatnagar



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Department of Information Technology

Training
with Internship
ON

**Algotution - Algorithmic Pinnacle
- Navigating Complexity**

40 Hrs training
for CSE & IT - 4th sem
Starting From: 26th Feb. 2024 onwards

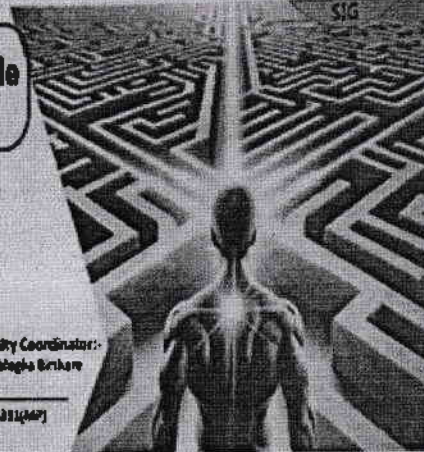
Instructor:



Mr. Pankaj Sahasra
Assistant Professor, IIST
Indore

Faculty Coordinator:-
Ms. Shikha Bishara

IIST Campus, Opp. IIM (Indore), Rau-Pithampur Road, Rau, Indore 431011 (M.P.)
Tel: Fax: 1800 102 3069 | 822 907 2300 / 822 407 1000



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2023-2024

Problem Solving & competitive Programming



Indore Institute of Science and Technology
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Event Report

Academic Year -2023-2024

Session: Jan-June-2024

Name of Event: Training

Start Date of Event: 05/02/24

Topic: Hands on training in Problem Solving Competitive Programming

Organizing Dept.: IT

Event Coordinator: Praveena Joshi

Name of Trainer: Mr. Shivang Trivedi
Institute / Company: Codensious, Indore
Designation: Trainer
Address: Kesar Bagh, Indore

Contact No.: 8989452663

Email Id: shivang_trivedi@codensious.ai

Details of Participants:

No. of Institutes Participated	No. of Students Participated	Department		No. of Industry Representative	Remark if any
		CSE/IT	IT		
1	67		IT	1	

*Please enclose a detailed list.

Also enclosed following details:

1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print/Social
3. Detailed summary of events. (Outcome)
4. Notice to students and faculty (Notice board notice copy, WhatsApp / Mail information copy) :
5. List of Participants and Day wise attendance

Maang Vohra
HOD



[Signature]
Principal
Principal
Indore Institute of Science
and Technology, Indore

[Signature]



[Signature]
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2023-2024



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Date: 01/02/2024

Notice

All B Tech 3rd year (IT) students are hereby notified that a Training on " Hands on training in Problem Solving Competitive Programming " would be held from 5th Feb 2024.

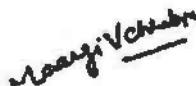
The training will be led by Mr. Shreyas Trivedi from Codenscious Ltd. representative Indore.

All students are required to attend the session.


Time: - 9:30 AM


Coordinator
Ms. Praveena Joshi


Dean CSE/IT/AI/ML
Dr. Richa Gupta


HOD IT
Dr. Margi Patel




Principal
Dr. Keshav Patidar
Principal
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Principal
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Date: 01/02/2024

Approval letter

To,
The Principal
Indore Institute of Science and Technology, Indore

Subject: Hands on training in Problem Solving Competitive Programming

Respected sir,
Department of Information Technology is planning to organize a training program on Hands on training in Problem Solving Competitive Programming for the students of B Tech 3rd Year (IT) from 5th Feb 2024. The expert is Mr Shaving Trivedi. It is our request to kindly allow us for the same.

Yours faithfully

Ms. Praveena Joshi
Assistant Professor
Computer Science & Engineering Department
IIST Indore

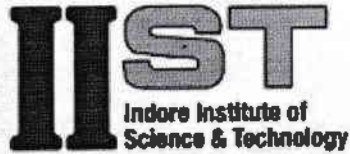
HOD
Dr. Margi Patel



Principal
Dr. Keshav Patidar
Principal
Indore Institute of Science
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Hands on training in Problem Solving Competitive Programming

Objectives and Course Outcomes: -

> Learning Objectives

The objective of the training is:

1. **Mastering Algorithms:** Understand and implement various algorithms, including searching, sorting, dynamic programming, and graph algorithms.
2. **Data Structures Proficiency:** Gain proficiency in essential data structures such as arrays, linked lists, stacks, queues, trees, heaps, and graphs, and understand when to use each data structure effectively.
3. **Efficient Coding Techniques:** Learn advanced programming techniques to write efficient and optimized code, focusing on time and space complexity.
4. **Problem-Solving Skills:** Develop problem-solving skills by analysing complex problems, breaking them down into smaller sub-problems, and devising algorithmic solutions.
5. **Competitive Programming Strategies:** Learn strategies and tactics specific to competitive programming, including handling time constraints, managing large inputs, and optimizing solutions for competitive environments.
6. **Practice and Application:** Engage in hands-on practice sessions, participate in coding contests (e.g., Codeforces, TopCoder), and solve a variety of real-world and theoretical problems.

> Course Outcomes:

1. **Proficiency in Algorithmic Thinking:** Ability to analyze problems, apply appropriate algorithms, and devise efficient solutions.
2. **Expertise in Data Structures:** Mastery of essential data structures and their applications in solving programming challenges.
3. **Competitive Programming Skills:** Capability to compete effectively in online coding competitions, with improved speed and accuracy in problem-solving.
4. **Optimized Coding Practices:** Skill in writing clean, efficient, and maintainable code, focusing on performance and scalability.
5. **Problem-Solving Agility:** Increased agility in tackling unfamiliar problems, breaking them down systematically, and implementing effective solutions.



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Department of Information Technology

**Organizing
Hands-on Training
in
Problem Solving &
Competitive Programming**
(For students of 3rd Year IT)

Trainer:



Mr. Shivang Trivedi
Corporate Trainer

Faculty Coordinator
Ms. Pravens Joshi
Asst. Prof. CST

Date: **5th Feb. 2024**
Venue: **IIST Campus, Rau**

Student Coordinator
Himank Yadav





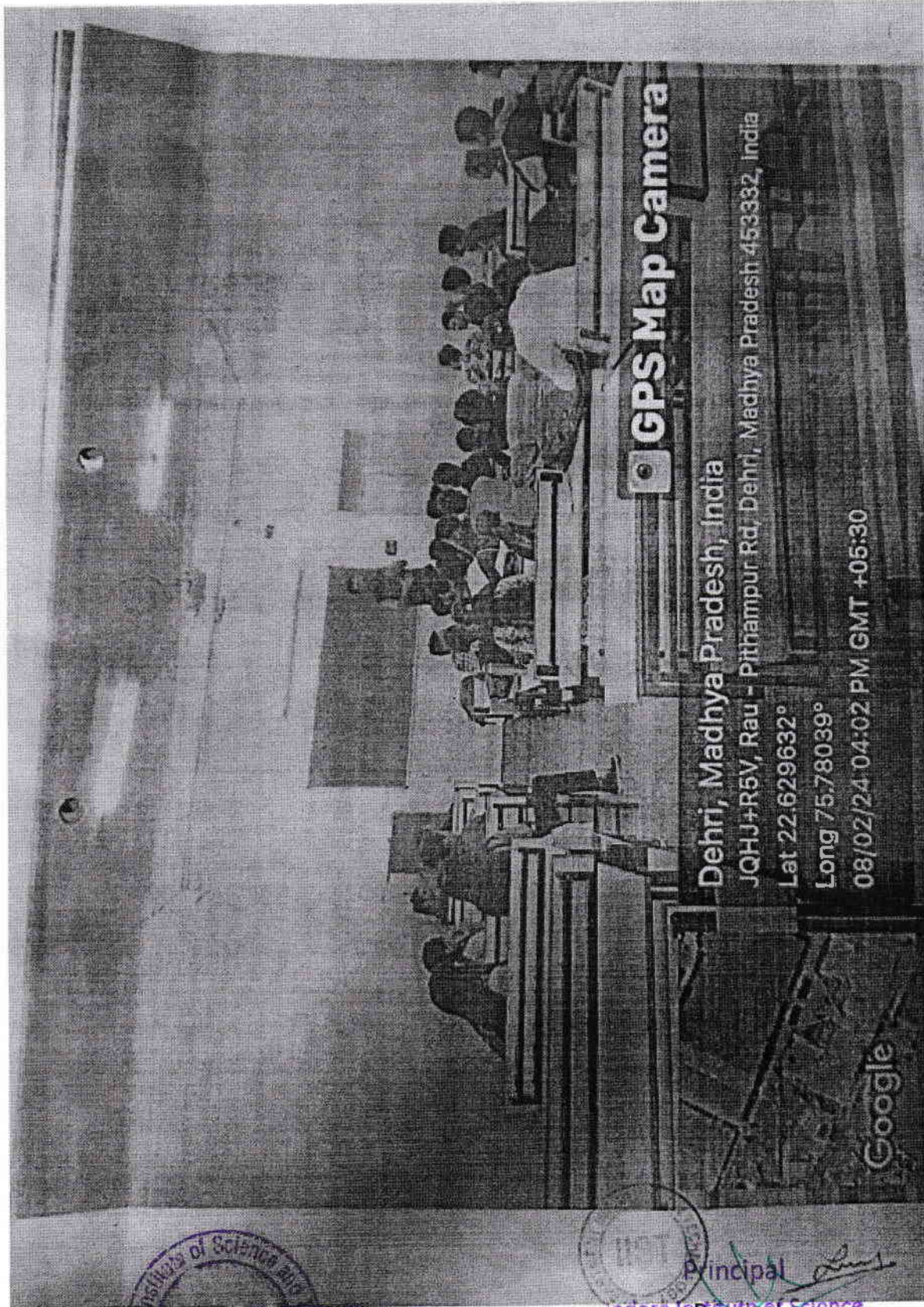
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GPS Map Camera

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JQHJ+R5V, Rau - Pithampur Rd, Dehri, Madhya Pradesh 453332, India

Lat 22.629632°

Long 75.78039°

08/02/24 04:02 PM GMT +05:30

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Department of Information Technology

Summary/Report

On

Hands on training in Problem Solving & Competitive Programming

Title: : Hands on training in Problem Solving Competitive Programming

Date of Event : 05/02/2024

Trainer : Mr. Shivang Trivedi

Coordinator : Ms. Praveena Joshi

Summary:

The Department of Information Technology organized training on "Hands on training in Problem Solving Competitive Programming". The Training has been taken by Mr. Shivang Trivedi. He gave training on Algorithmic Problem Solving: The training focused on mastering algorithms, essential data structures, and competitive programming techniques, aiming to enhance problem-solving abilities in real-world scenarios. Through hands-on sessions and simulated contests, students collaborated to tackle complex coding challenges efficiently. This rigorous training not only provided detailed insights into software development but also equipped participants with valuable skills crucial for accelerating their careers. By emphasizing algorithm efficiency, data structure optimization, and collaborative problem-solving, the program prepared students to excel in diverse domains of software engineering, ensuring they are well-prepared for the demands of the industry.



[Signature]
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2023-2024

11. Comprehensive Data Analysis & ML with python

Indore Institute of Science and Technology Event Report(On Campus)

Academic Year - 2023-2024 **Session: JULY-DEC 2023**

Name of Event: Training (Guest Lecture/Seminar/Workshop)
Date of Event: 7 Aug 2023 (Topic: Comprehensive Data Analysis & ML with Python)
Organizing Dept.: AIML **Event Coordinator:** Mrs. Praveena Joshi
Name of Expert/Guest: Mr. Sivang Trivedi
Institute / Company: IIST
Designation: Trainer **Department:** AIML
Address: IIST INDORE
Contact No.: 89899452663 **Email Id:** advisor.care@indoreinstitute.com

Details of Participants:

No. of Institutes Participated	No. of Students Participated		No. of Faculties Participated		Department CSE/IT/EC/ME/CM/ESH/AIML	No. of Industry Representative	Remark If any
	IIST	Other	IIST	Other			
1	280	00	1	00	AIML		


*Please enclose a detailed list.

Also enclosed following details:


1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print/Social
3. Detailed summary on event. (Outcome)
4. Media Report (attach copy of newspaper) write-up for media/FB write-up
5. Certificate / Letter (if printed by Institute or Organizing Partner)/Attendance/Feedback

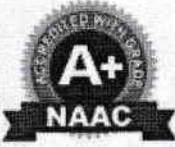
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Principal
Indore Institute of Science and Technology, Indore



Date: 01/08/2023

Approval letter

To,
The Principal
Indore Institute of Science and Technology, Indore

Subject: Proposal for 70 hours training on "Comprehensive Data Analysis & ML with Python" from 7th Aug to 19th Dec 2023.
Respected sir,

Department of AIML is planning to organize a 70 hours training cum certification program on Comprehensive Data Analysis & ML with Python for the students of B Tech 3rd Year (CSE, IT) from 2nd to 10th Dec 2023 at 11:50 AM. The expert is Mr Shaving Triwedi. It is our request to kindly allow us for the same.

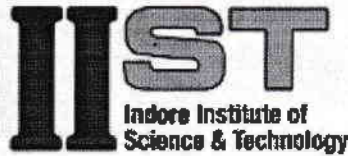
Yours faithfully
Ms. Praveena Jeshi
Assistant Professor
Computer Science & Engineering Department
IIST Indore

HOD
Dr. Shweta Agrawal
DEPARTMENT OF AIML

Principal
Dr. Keshav Patidar
Principal
Indore Institute of Science
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Department of AIML

Date: 01/08/2023

Notice

All B Tech 3rd year (CSE, IT) students are hereby notified that a Training and Certification program on " Comprehensive Data Analysis & MLwith Python " would be held from 2nd to 10th Dec 2023.

The training will be led by a collaboration with CARE.


All students are required to attend the session.

Time: - 11:50 AM


Coordinator
Ms. Praveena Joshi


Dean CSE/IT/AIML
Dr. Richa Gupta




HOD AIML
Dr. Shweta Agrawal

DEPARTMENT OF AIML


Principal
Dr. Keshav Patidar

Principal
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Department of AIML
In collaboration with CARE
Semester V (July-Dec 2023)

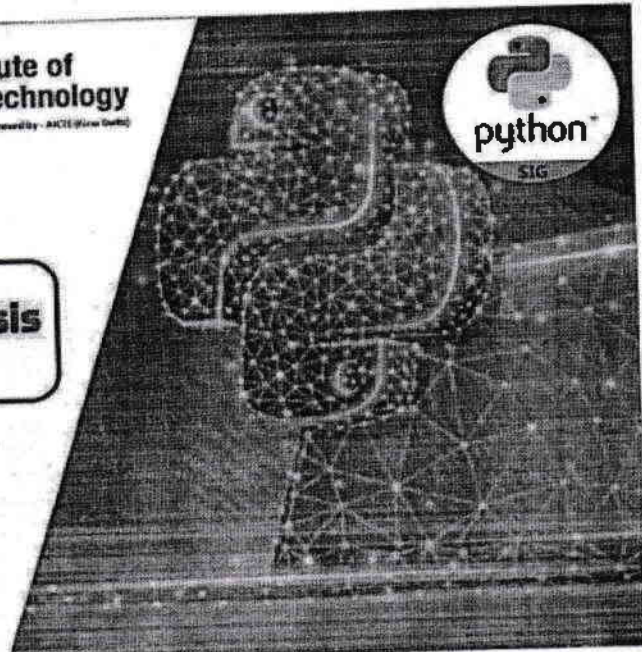
Training
on
**Comprehensive Data Analysis
& ML with PYTHON**

70 Hrs training
From: 7th Aug, 2023

Resource Persons:
Mr. Shivang Trivedi
(Trainer)

Faculty Coordinator: Ms. Praveena Joshi
Contact: +91 70897 27449

DEPARTMENT OF AIML



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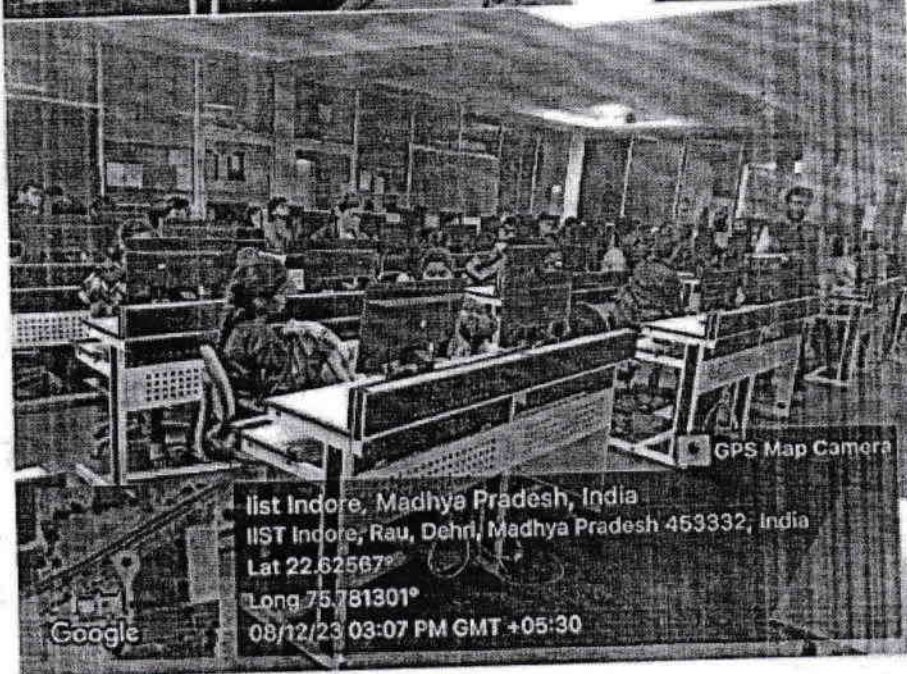
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Comprehensive Data Analysis & MLwith Python

Objectives and Course Outcomes:-

► Learning Objectives

The objective of the training is

- To understand the applications and demand of AI based projects.
- To be able to create/understand the code of python programming languages.
- To understand the technical knowledge of Data Science and Machine Learning models.
- To be able to enhance the competency level of students as per the industry requirements.


► Course Outcomes

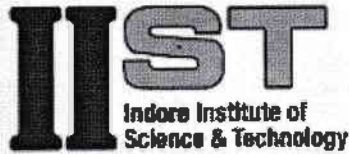
After completing this training, the student will be able to-

- Appreciate the importance of AI in various domains.
- Apply competency towards the development of machine learning models.
- Understand a very broad and collective knowledge of applying different datasets from preprocessing to training and testing the models
- Apply the knowledge of python to develop ML models.

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Department of AIML

Summary/Report for Training

on

“Comprehensive Data Analysis & MLwith Python”

Title : Comprehensive Data Analysis & MLwith Python

Date of Event : 07/08/2023 to 19/12/2023

Trainer : Mr. Shivang Trivedi

Coordinator : Ms. Praveena Joshi

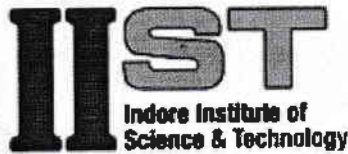
Summary:

AIML department organized training cum certification program on “Comprehensive Data Analysis & MLwith Python” for 70 hours. The Training has been taken by Mr. Shivang Trivedi. He gave training on this course is designed to provide you with a comprehensive understanding of the powerful data analysis and manipulation capabilities of the Pandas library in Python, as well as the fundamental concepts and techniques of linear regression, one of the most widely used machine learning models. You will learn how to use the Pandas library to prepare, clean, and analyze data, as well as how to use machine learning models such as linear regression to make predictions and interpret data insights. The technology is very demanding and has a great potential to accelerate the career of students. The main purpose of this training was to enable students to get detailed insights of AI with hands-on to some models. This Training was very beneficial for students looking towards the industry point of view and to make decision about their career prospect in AI product development. So that we cover the main tagline of our institute that is employability quotient and holistic development of students this kind of training proves that we work for the development of students to make industry ready.

DEPARTMENT OF AIML



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Indore Institute of Science and Technology, Indore
Principal



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12. SQL for Data Science



Indore Institute of Science and Technology
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Event Report

Academic Year -2023-2024

Session: Jan-June 2024

Name of Event: Internship cum Training on SQL for Data Science

Date of Event: 15/01/2024 to 3/02/2024

Topic: SQL for Data Science

Organizing Dept.: AIML

Event Coordinator: Ms. Poorva Shukla

Name of Trainer: Mr. Ankush Saklecha
Institute / Company: IIST
Designation: Trainer
Address:

Contact No.: 9685285381

Email Id: ankush.saklecha@indoreinstitute.com

Details of Participants:

No. of Institutes Participated	No. of Students Participated	Department	No. of Industry Representative	Remark if any
		CSE/IT		
1	163	CSE/IT/AIML		

*Please enclose a detailed list.

Also enclosed following details:

1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print/Social
3. Detailed summary of events. (Outcome)
4. Notice to students and faculty (Notice board notice copy, WhatsApp / Mail information copy) :
5. List of Participate and Day wise attendance

HOD

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Indore Institute of Science and Technology
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Date: 11/01/2024

Approval letter

To,
The Principal
Indore Institute of Science and Technology, Indore

Subject: Proposal for Internship cum Training on "SQL for Data Science" on 15/01/2024 to 3/02/2024.

Respected sir,

The Department of AIML is planning to organize an Internship cum Training on SQL for Data Science for the students of B.Tech III rd Year (CSE, IT & AIML) on 15/01/2024 to 3/02/2024 . The expert is Mr.Amrush Saklecha. It is our request to kindly allow us for the same.

Yours faithfully

Ms. Poorna Shukla
Assistant Professor
Computer Science & Engineering Department
IIST Indore

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Indore Institute of Science and Technology
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Department of AIML

Date: 12/01/2024

Notice

All B.Tech III rd year (CSE, IT & AIML) students are hereby notified that an Internship cum Training on "SQL for Data Science" would be held on 15/01/2024 to 03/02/2024. The training will be led by a Mr. Ankush Saklecha.
All students are required to attend the session.

Time: - 2:00 PM
Venue:-Audi-II

Coordinating
Ms. Poorva Shukla

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"SQL for Data Science"

Objectives and Course Outcomes:-

Learning Objectives

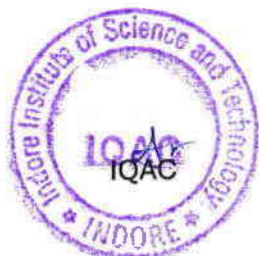
The objective of the training is

- Be able to write SQL statements that edit existing data.
- Be able to write SQL statements that create database objects.
- Understand the structure and design of relational databases.
- Understand the importance and major issues of database security and the maintenance of data integrity.

Course Outcomes

After completing this training, the student will be able to-

- Write complex SQL queries to retrieve information from databases with many tables to support business decision making.
- Write SQL DDL to create, modify and drop objects within a relational database.
- Retrieve and store information in a relational database using SQL in a multi-user, web based environment.



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Department of CSE

Summary/Report for Internship cum Training on

"SQL for Data Science"

Title : SQL for Data Science
Date of Event : 15/01/2024 to 3/02/2024
Trainer : Mr. Rakesh Verma
Coordinator : Ms. Rati Gupta

Summary:

The AIML department organized an Internship cum training on "SQL for Data Science" for 35 hours. The Training has been taken by Mr. Rakesh Verma. He had discuss on SQL (Structured Query Language) and give the importance of this powerful tool which is used in data science, particularly for handling and querying structured data within relational databases. Below are some common SQL queries and techniques frequently used in data science tasks:

1. Selecting Data:

sqlCopy code

```
SELECT column1, column2 FROM table_name WHERE condition;
```

2. Filtering Data:

sqlCopy code

```
SELECT * FROM table_name WHERE condition;
```

3. Aggregating Data:

sqlCopy code

```
SELECT COUNT(*) FROM table_name; SELECT AVG(column_name) FROM table_name GROUP BY column_name;
```

4. Joining Tables:



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sqlCopy code

```
SELECT * FROM table1 JOIN table2 ON table1.key = table2.key;
```

5. Subqueries:

sqlCopy code

```
SELECT column_name FROM table_name WHERE column_name IN (SELECT  
column_name FROM another_table WHERE condition);
```

6. Ordering Results:

sqlCopy code

```
SELECT * FROM table_name ORDER BY column_name ASC/DESC;
```

7. Data Manipulation:

sqlCopy code

```
UPDATE table_name SET column1 = value1, column2 = value2 WHERE condition;  
DELETE FROM table_name WHERE condition;
```

8. Creating and Modifying Tables:

sqlCopy code

```
CREATE TABLE table_name ( column1 datatype, column2 datatype, ... ); ALTER TABLE  
table_name ADD column_name datatype; ALTER TABLE table_name DROP COLUMN  
column_name;
```

9. Handling Missing Values:

sqlCopy code

```
SELECT * FROM table_name WHERE column_name IS NULL; SELECT * FROM  
table_name WHERE column_name IS NOT NULL;
```

10. Analytic Functions (for calculating moving averages, cumulative sums, etc.):

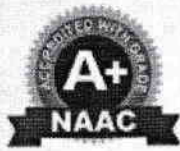
sqlCopy code

```
SELECT column_name, AVG(column_name) OVER (PARTITION BY partition_column  
ORDER BY order_column ROWS n PRECEDING) AS moving_avg FROM table_name;
```

These are just a few examples of SQL queries that are commonly used in data science workflows. Depending on the specific task or analysis, students may need to use more complex queries or advanced techniques.



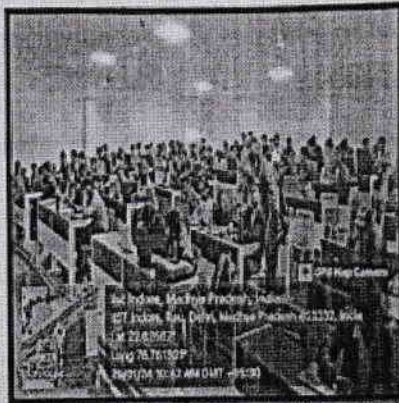
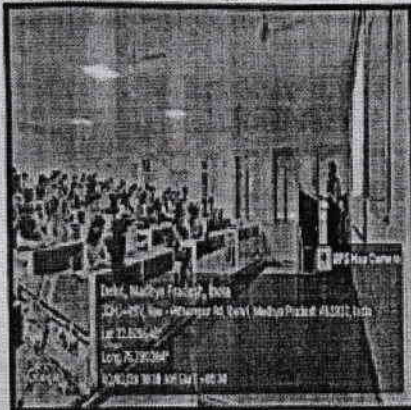
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2023-2024

13. Core Java



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Event Report

Academic Year -2023-2024

Session: Jan-June -2024

Name of Event: Training cum Internship

Topic: Core Java

Date of Event: 26/02/2024 to 12/06/2024

Event Coordinator: Prof. Sanita Marwadi

Organizing Dept.: AIML

Name of Instructor: Mr. Neeraj Paliwal
Designation: Asst. Professor

Department: AIML

Contact No.: 9425993523

Email Id: Neeraj.paliwal@indoreinstitute.com

Details of Participants:

No. of Institutes Participated	No. of Students Participated	Department	No. of Industry Representative	Remark if any
		AIML/IOT/IT		
1	76	AIML	0	

*Please enclose a detailed list.

Also enclosed following details:

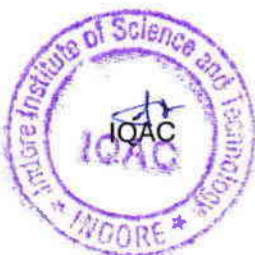
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3. Detailed summary of events. (Outcome)
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5. List of Participate and Day wise attendance

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2023-2024

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Department of AIML

Training Internship
cum
ON

CORE JAVA

40 Hrs training
for AIML - 4th sem
Starting From: 26th Feb. 2024 onwards

Instructor:



Mrs. Neeraj Desai
Assistant Professor
AIML



Java

**Logic Builc
& Core
Programm**

SIG

Faculty Coordinator:-
Ms. Smita Marwadi

DEPARTMENT OF AIML

ampus, Opp. IIM(Indore), Rau-Pithampur Road, Rau, Indore 453331(MP)
Toll Free: 1600 103 3069 | 822 507 1000 / 822 407 1000

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Administered to - RGPV (Bhopal) & Approved by - AICTE (New Delhi)



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Department of AIML

Training cum Internship

Core Java

Title : Core Java
 Date of training : 26/02/2024 onwards
 Trainer : Mr. Neeraj Paliwal
 Coordinator : Ms Smita Marwadi

Summary:

The department AIML organize a 40 hours Training cum Internship on Core Java. In this workshop Mr. Neeraj Paliwal has given a comprehensive training on Core Java. Java programming training equips students with essential skills to develop robust, scalable applications. The training typically covers installation and setup of Java Development Kit (JDK), fundamentals such as data types, operators, control statements (loops, conditionals), and method concepts (parameters, overloading, overriding). It delves into object-oriented programming (OOP) principles including classes, objects, inheritance, polymorphism, encapsulation, and abstraction, crucial for building modular and maintainable code. Students also learn about constructors, packages, access levels, abstract classes, and interfaces, enhancing code organization and reusability. Exception handling, arrays, threads, and the Object class methods further deepen understanding, while training emphasizes best practices and industry standards for efficient Java application development. Practical exercises and projects ensure hands-on experience, preparing students to tackle real-world challenges and excel in Java programming roles.

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Date: 23/02/2024

Approval letter

To,

The Principal

Indore Institute of Science and Technology, Indore

Subject: Training cum certification on CORE JAVA

Respected sir,

Department of AIML is planning to organize a Training cum internship on "CORE JAVA" starting from 26th Feb 2024 for the students of B Tech 2nd Year AIML. The Trainer is Mr. Neeraj Patilwal. It is our request to kindly allow us for the same.

Yours faithfully

Ms. Smita Marwadi

Assistant Professor

Computer Science & Engineering Department

IIST Indore

HOD

Dr. Shweta Agrawal

DEPARTMENT OF AIML

Principal

Dr. Keshav Patidar

Principal

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Department of IOT


Date: 23/02/2024


Notice

B Tech 2nd year AIML students are hereby notified that "Training cum Internship on CORE JAVA" starting from 26th Feb 2024.
The Training will be led by a Mr. Neeraj Paliwal from Indore.
All students are required to attend the Training.


Coordinator
Ms. Smita Marwadi

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HOD AIML
Dr. Shweta Agrawal


Principal
Dr. Keshav Palidar
Principal
Indore Institute of Science
and Technology, Indore




Principal
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Core Java

Objectives and Course Outcomes: -

> Objectives

The objective of the training is

- To introduce the object-oriented programming concepts.
- To understand object-oriented programming concepts and apply them in solving problems.
- To introduce the principles of inheritance and polymorphism; and demonstrate how they relate to the design of abstract classes
- To introduce the implementation of packages and interfaces
- To introduce the concepts of exception handling and multithreading.
- To introduce the design of Graphical User Interface using applets and swing controls.

Course Outcomes

After completing this training, the student will be able to-

- solve real world problems using OOP techniques.
- understand the use of abstract classes.
- solve problems using java collection framework and I/O classes.
- develop multithreaded applications with synchronization.
- develop applets for web applications.
- design GUI based applications

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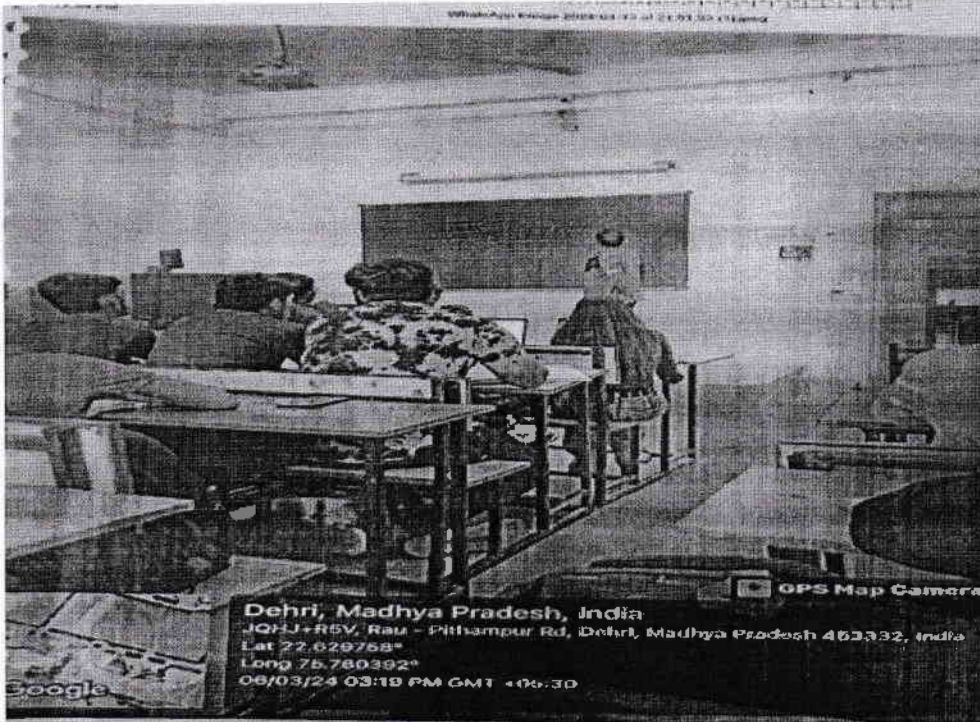
Principal
Indore Institute of Science
and Technology, Indore



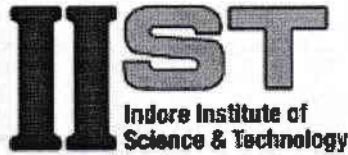
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2023-2024

14. Feature Engineering for Supervised Programetic ML Models



Indore Institute of Science and Technology
Approved by AICTE, New Delhi & Affiliated to RGPV, Bhopal

Event Report

Academic Year -2023-2024

Session: Jan-Jun-2024

Name of Event: Workshop cum certificate

Date of Event: 15 Jan 24 to 3 Feb 24

Topic: Feature Engineering for Supervised Parametric ML Models

Organizing Dept.: AIML

Event Coordinator: Prof. Smriti Marwadi

Name of Trainer: Mr. Shivang Trivedi
Designation: Corporate Trainer

Department: AIML

Contact No.: 8989452663

Email Id:

Details of Participants:

No. of Institutes Participated	No. of Students Participated	Department	No. of Industry Representative	Remark if any
		AIML		
1	63		0	

*Please enclose a detailed list.

Also enclosed following details:

1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print/Social
3. Detailed summary of events. (Outcome)
4. Notice to students and faculty (Notice board notice copy, WhatsApp / Mail information copy) :
5. List of Participants and Day wise attendance

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Indore Institute of Science and Technology Approved by AICTE, New Delhi & Affiliated to RGPV, Bhopal

Date: 12/01/2024

Approval letter

To,
The Principal
Indore Institute of Science and Technology, Indore

Subject: Training on "Feature Engineering for Supervised Parametric ML Models".
Respected sir,

Department of Artificial Intelligence & Machine Learning is planning to organize Training on "Feature Engineering for Supervised Parametric ML Models" from 15 Jan 24 to 3 Feb 24 for the students of B Tech 2nd Year AIML at 09:30 am to 11:20 am. The Trainer is Mr. Shivang Trivedi. It is our request to kindly allow us for the same.

Yours faithfully
Ms. Smriti Marwadi
Assistant Professor
Computer Science & Engineering Department
IIST Indore

HOD
Dr. Shweta Agrawal

DEPARTMENT OF AIML

Principal
Dr. Keshav Patidar
Principal
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Department of Artificial Intelligence & Machine Learning

Date: 12/01/2024

Notice

AMB Tech 2nd year AIML students are hereby notified that a Training on "Feature Engineering for Supervised Parametric ML Models" would be held from 15 Jan 24 to 3 Feb 24

The training will be conducted by Mr. Shivraj Trivedi from Indore.


All students are required to attend the session.

Time: - 9:30 AM - 11:20 PM


Coordinator
Ms. Smita Narwadi


HOD AIML
Dr. Shweta Agrawal

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Dr. Keshav Patidar
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Feature Engineering for Supervised Parametric ML Models

Objectives and Course Outcomes: -

► Objectives

The objective of the training is

- To understand the basic theory underlying machine learning.
- To be able to formulate machine learning problems corresponding to different applications.
- To understand a range of feature engineering algorithms along with their strengths and weaknesses. To be able to apply machine learning algorithms to solve problems of moderate complexity.
- To apply the algorithms to a real-world problem, optimize the models learned and report on the expected accuracy that can be achieved by applying the models.

After completing this training, the student will be able to-

- Appreciate the importance of visualization in the data analytics solution.
- Apply structured thinking to unstructured problems.
- Understand a very broad collection of feature engineering algorithms and problems.
- Learn algorithmic topics of machine learning and mathematically deep enough to introduce the required theory.
- Develop an appreciation for what is involved in learning from data.

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Department of Artificial Intelligence & Machine Learning

Report on Workshop

Feature Engineering for Supervised Parametric ML Models

Title : Feature Engineering for Supervised Parametric ML Models
Dates of Event : 15/01/24- 03/02/24
Expert : Mr Shivang Trivedi
Coordinator : Mr Smriti Marwadi

Summary:

The department AIML, organize a 35 hours workshop on Feature Engineering for Supervised Parametric ML Models; this workshop was in continuation of the previous program on machine learning. In this workshop Mr. Shivang Trivedi has given a comprehensive training on feature engineering. The students were given a dataset to implement the learnings for hands on practice till the model training begins at the end of this workshop students are able to understand the basic theory underlying machine learning; formulate machine learning problems corresponding to different applications; make a range of feature engineering algorithms along with their strengths and weaknesses and students have been applying algorithms to a real-world problem and finally optimize the models learned and report on the expected accuracy that can be achieved by applying the models.

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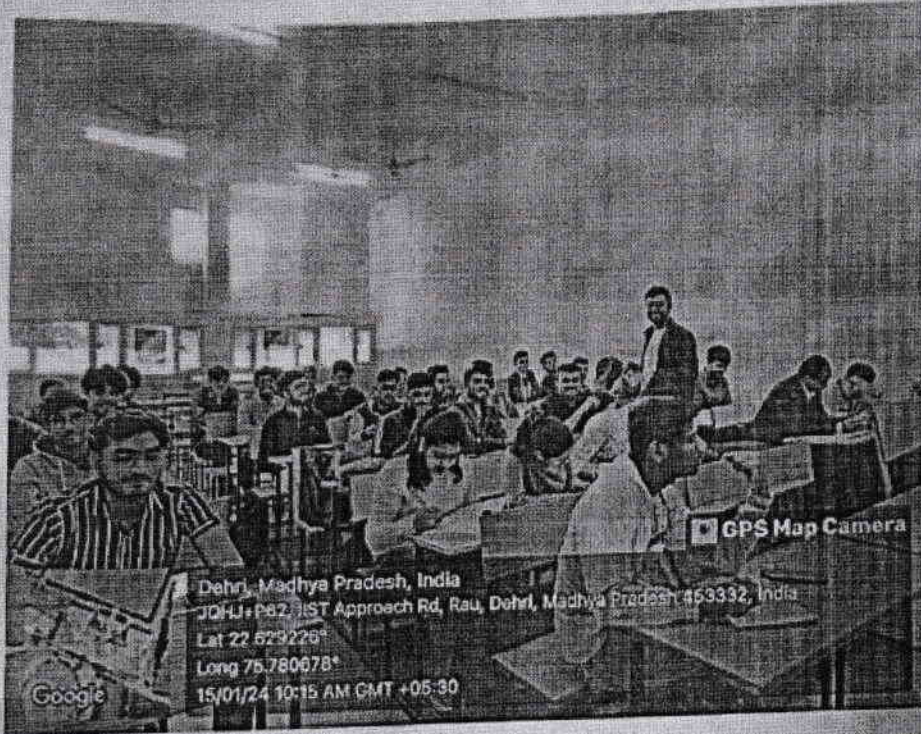




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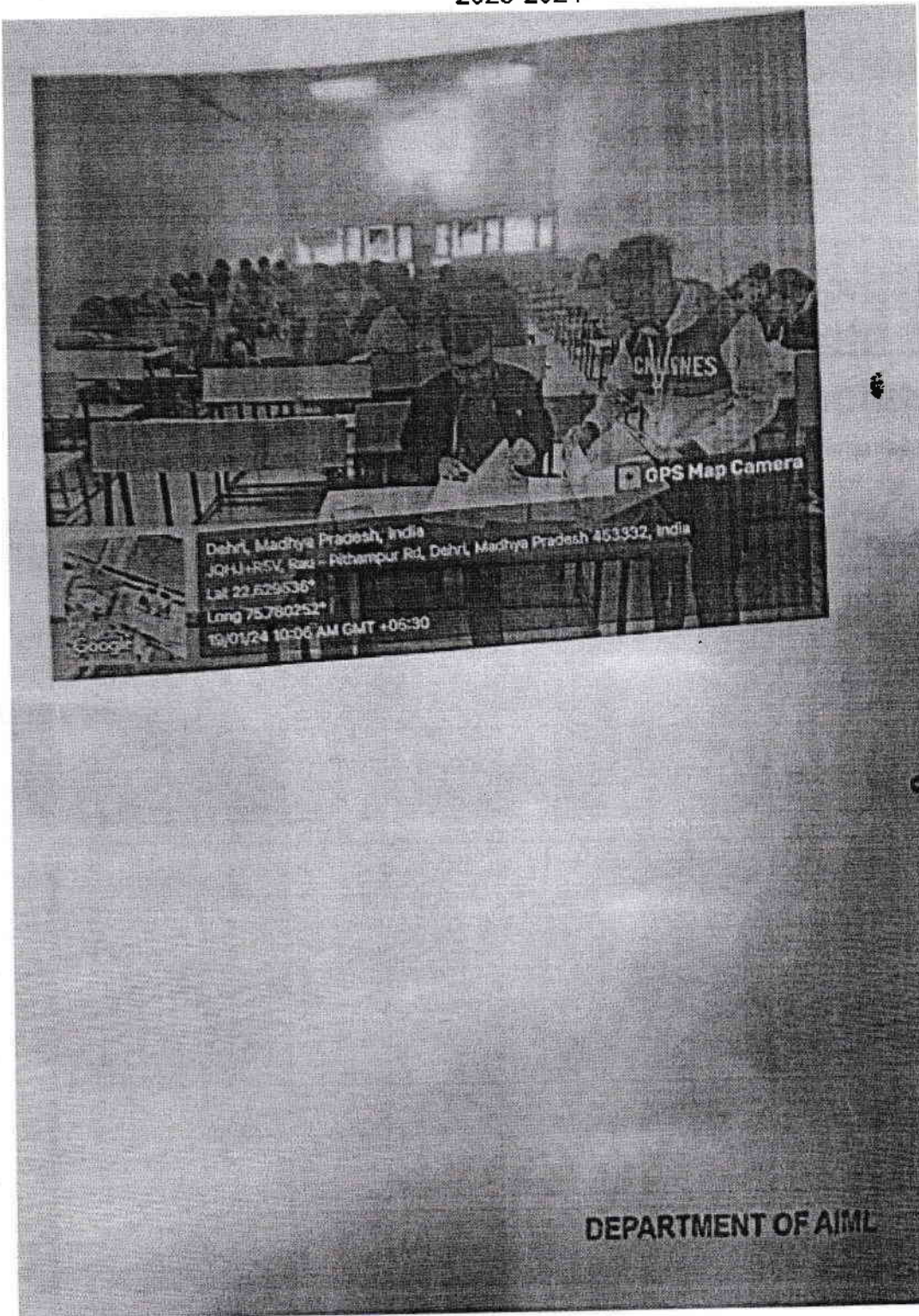
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2023-2024

Department of AIML
Organizing
Workshop cum Certification Course
on
**Feature Engineering for
Supervised Parametric ML Models**
(For students of 3rd Year AIML)

Trainer:


Mr. Shivang Trivedi
 Corporate Trainer

Faculty Coordinator:
Mr. Smita Narwade
Asst. Prof. - CSE

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**In Association with
Codemacious Technologies**

ML

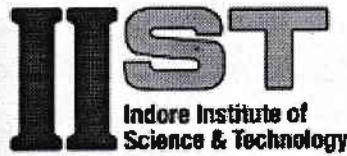
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Date: 15th Jan - 3rd Feb, 2024
Venue: IIST Campus, Rau

A-5 Algolution:-Algorithmic Pinnacle-Navigating Complexity



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Event Report

Academic Year :2023-2024

Session: Jan to June-2024

Name of Event: Training Program

Start Date of Event: 26/02/24 Topic: Algolution-Algorithmic Pinnacle-Navigating Complexity

End Date of Event: 13/06/24

Organizing Dept.: AIML

Event Coordinator: Mr. Devendra Kushwah

Name of Trainer: Mr. Shailendra Singh Bhatta

Institute / Company: IIST, Indore

Designation: Trainer/Asst. Prof.

Department: CSE

Address: 49, Shanker Bagh Colony, Near Madimata Square, Indore

Contact No.: 7974485115

Email Id: shailendra.bhatta@indoreinstitute.com

Details of Participants:

No. of Institutes Participated	No. of Students Participated	Department	No. of Industry Representative	Remark if any
		AIML		
1	76	2 nd Year/4 th Sem	0	-

*Please enclose a detailed list.

Also enclosed following details:

1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print/Social
3. Detailed summary of events. (Outcome)
4. Notice to students and faculty (Notice board notice copy, WhatsApp / Mail information copy):
5. List of Participants and Day wise attendance

HOD

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Principal
Principal
Indore Institute of Science
and Technology, Indore



Principal
Principal
Indore Institute of Science
and Technology, Indore



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2023-2024



Indore Institute of Science and Technology
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Date: 12/02/2024

Approval letter

To,
The Principal
Indore Institute of Science and Technology, Indore

Subject: Proposal for 40 hours training on "Algotution-Algorithmic Pinnacle-Navigating Complexity" from 26/02/2024.

Respected sir,
Department of Artificial Intelligence And Machine Learning is planning to organize a 40 hours training cum internship program on Algotution-Algorithmic Pinnacle-Navigating Complexity for the students of B Tech 2nd Year (AIML) from 26/02/2024. The expert is Mr. Shailendra Singh Bhalla. It is our request to kindly allow us for the same.

Put up for your kind approval.

Yours faithfully
Mr. Devendra Kushwah
Assistant Professor
Computer Science & Engineering Department
IIST Indore

IOD
Dr. Shweta Agrawal
DEPARTMENT OF AIML



Principal
Dr. Keshav Patidar
Principal
Indore Institute of Science
and Technology, Indore



Principal
Indore Institute of Science
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Department of Artificial Intelligence And Machine Learning

Date: 14/02/2024

Notice

B Tech 2nd year (AIML) students are hereby notified that a 40 hrs. training cum internship program on " Algolution-Algorithmic Pinnacle-Navigating Complexity " would be held from 26/02/2024. The training will be led by the Mr. Shailendra Singh Bhalla, Assistant Professor, CSE, IIST, Indore.

All students are required to attend the session.

Coordinator
Mr. Devendra Kushwah

Dean CSE/IT/AIML
Dr. Richa Gupta



HOD AIML

Dr. Shweta Agrawal

DEPARTMENT OF AIML

Principal

Dr. Keshav Patidar
Principal

Indore Institute of Science
and Technology, Indore



Principal
Indore Institute of Science
and Technology, Indore



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IIST Indore Institute of Science & Technology
Department of AIML

Training Internship
on
**Algotution - Algorithmic Pinnacle
- Navigating Complexity**

40 Hrs training
for AIML - 4th sem
Starting from 26th Feb. 2024 onwards

Faculty Coordinator:
Mr. Devendra Kushwaha

IIST Campus, Cyo. 33A (Indore), Rau-Pidampur Road, Rau, Indore 453331 (MP)
Tel: 0753 1808 163 3068 | 0753 1407 3100 / 832 407 1500

Logic Building & Core Programming

DEPARTMENT OF AIML



Principal
Indore Institute of Science
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Algorithm-Algorithmic Pinnacle-Navigating Complexity

Objectives and Course Outcomes: -

> Learning Objectives

The objective of the training is

- To learn about time and space complexity, solve recurrences, master divide and conquer techniques and enhance code with optimization strategies.
- To master greedy strategy principles and apply them to various problems.
- To comprehend dynamic programming and apply it to solve key problems like 0/1 knapsack problem etc.
- To grasp backtracking as well as branch & bound techniques and then apply them to solve complex problems like n-queen's problem etc. And to understand parallel algorithms.
- To know about complexity classes.

> Course Outcomes

After completing this training, the student will be able to-

- Understand the concept of asymptotic complexity and implement various sorting and searching algorithms.
- Experiment with techniques for obtaining maximum outputs with minimum efforts.
- Make use of dynamic programming techniques.
- Apply the techniques of backtracking and branch and bound to solve 8 queens problem and travelling salesman problem.
- Distinguish between NP-hard and NP-complete problems and develop their solutions.

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Department of Artificial Intelligence and Machine Learning

Summary/Report for Training

on

"Algotution-Algorithmic Pinnacle-Navigating Complexity"

Title : Algotution-Algorithmic Pinnacle-Navigating Complexity
Date of Event : 26/02/2024 to 13/06/2024
Trainer : Mr. Shailendra Singh Bhalla
Coordinator : Mr. Devendra Kushwah

Summary:

Artificial Intelligence And Machine Learning department organized training cum internship program on "Algotution-Algorithmic Pinnacle-Navigating Complexity" for 40 hours. The Training has been taken by Mr. Shailendra Singh Bhalla. The training was delivered through a combination of lectures, practical coding sessions and problem-solving workshops. Key features of the teaching methodology included detailed explanation of theoretical concepts with real-world examples and practical sessions (Hands-on Coding) where students implemented algorithms and solved problems using programming languages such as C, C++, Java, or Python. Regular workshops conducted were also conducted which were focused on solving complex algorithmic problems, fostering a deeper understanding and application of learned concepts. Special emphasis given on problems typically found in placement exams, such as those involving DSA coding rounds.

DEPARTMENT OF AIML



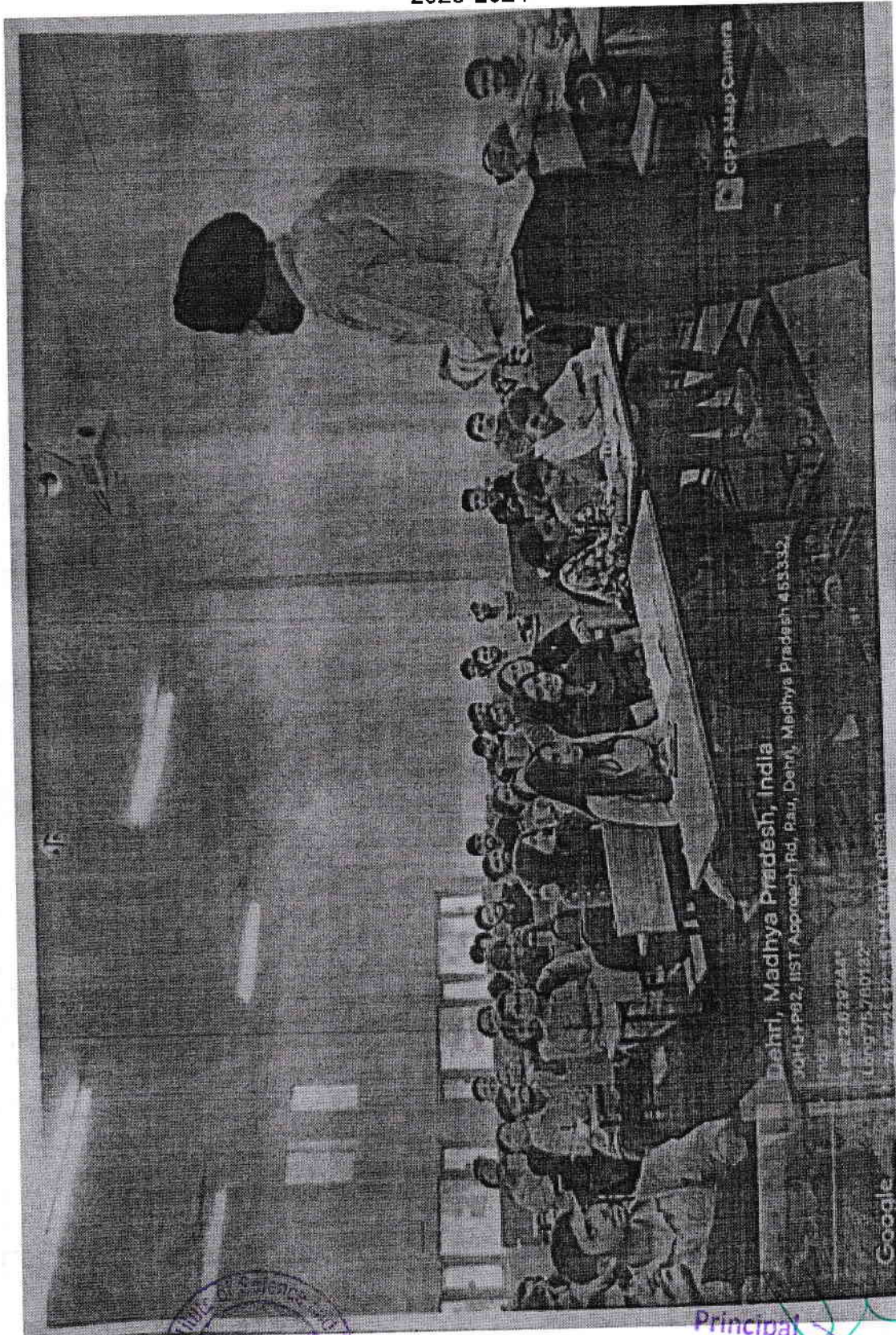
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15. PROBLEM SOLVING AND IDEATION



Indore Institute of Science and Technology
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Event Report

Academic Year -2023-2024

Session: July-Dec 2023

Name of Event: Workshop

Topic: Problem Solving and Ideation

Start Date of Event: 23/11/2023

End Date of Event: 24/11/2023

Organizing Dept.: AIML & IoT

Event Coordinator: Mr. Ganesh Patidar

Name of Expert:

Name of Expert	Designation	Department	Institute	Contact No	Email-Id
Dr. Shweta Agrawal	HoD	AIML	IIST, Indore	9300392334	shweta.agrawal@indoreinstitute.com
Mr. Shivang Trivedi	Corporate Trainer	CSE	IIST, Indore	8989452663	shivang_trivedi@codensciouse.ai
Mr. Ganesh Patidar	Asst. Prof.	CSE	IIST, Indore	9826577998	ganesh.patidar@indoreinstitute.com

Details of Participants:

Date of Event	No. of Institutes Participated	No. of Students Participated	Department	No. of Industry Representative	Remark if any
23.11.2023	1	46	IoT- II Year	0	
24.11.2023	1	48	IoT- II Year	0	

*Please enclose a detailed list.

Also enclosed following details:

1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print/Social
3. Detailed summary of events. (Outcome)
4. Notice to students and faculty (Notice board notice copy, WhatsApp / Mail information copy).
5. List of Participate and Day wise attendance

23/11/23
Mr. Ganesh Patidar
Event Coordinator



[Signature]
Dr. Shweta Agrawal
HoD AIML

[Signature]
Dr. Sathish K Penchala
HoD IoT

[Signature]
Dr. Keshav Patidar
Principal IIST
Indore Institute of Science
and Technology, Indore

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Date: 22/11/2023

Approval letter

To,
The Principal
Indore Institute of Science and Technology, Indore

Subject: Proposal for two days workshop on "Problem Solving and Ideation" on 23-24 November, 2023.

Respected Sir,

Department of AIML and IoT is planning to organize a two days workshop cum certification program on Problem Solving and Ideation for the students of B Tech 2nd Year (IoT) from 23 November 2023 to 24 November 2023 at 9:30 am to 3:30 pm. The expert is Dr. Shweta Agrawal, Mr Shivang Trivedi and Mr. Ganesh Patidar. It is our request to kindly allow us for the same.

Put up for your kind approval.

Yours faithfully

Mr. Ganesh Patidar
Event Coordinator

[Signature]
22/11/23
Dr. Shweta Agrawal
HoD AIML
DEPARTMENT OF AIML

[Signature]
Dean CSE/IT/AIML/IoT/DS
Dr. Richa Gupta

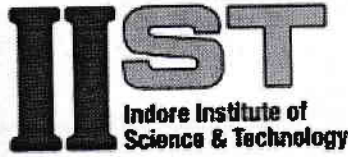
[Signature]
Dr. Sathish K. Penchala
HoD IoT

[Signature]
Dr. Keshav Patidar
Principal IIST

Principal
Indore Institute of Science
and Technology



[Signature]
Principal
Principal
Indore Institute of Science
and Technology, Indore



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2023-2024



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Department of AIML & IoT

Date: 22/11/2023

Notice

All B Tech IoT II year students are hereby notified that a workshop on " Problem Solving and Ideation " would be held on 23-24 November 2023.

The training will be led by a Dr. Shweta Agrawal, Mr Shivang Trivedi and Mr. Ganesh Patidar.

All students are required to attend the session.

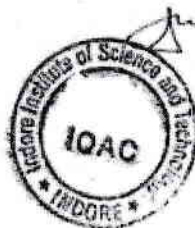
Time: - 9:30 AM to 03:30 PM
Venue: Project Lab A Block

22/11/23
Mr. Ganesh Patidar
Event Coordinator

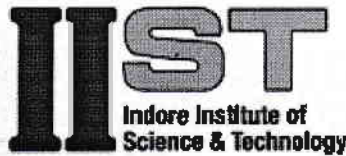
[Signature]
Dr. Shweta Agrawal
HoD AIML
DEPARTMENT OF AIML
[Signature]
Dean CSE/IT/AIML/IoT/DS
Dr. Richa Gupta

[Signature]
Dr. Sathish K Penchala
HoD IoT

[Signature]
Dr. Keshav Patidar
Principal IIST
Principal
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Department of Computer Science and Engineering

Summary/Report for Workshop on "Problem Solving and Ideation"

Title : Problem Solving and Ideation
Date of Event : 23/11/2023 and 24/11/2023
Trainer : Dr. Shweta Agrawal, Mr. Shivang Trivedi and Mr. Ganesh Patidar
Coordinator : Mr. Ganesh Patidar

Summary:

Artificial Intelligence & Machine Learning department organized two days workshop on "Problem Solving and Ideation". The workshop has been taken by Dr. Shweta Agrawal, Mr. Shivang Trivedi and Mr. Ganesh Patidar. Workshop is an intensive, hands-on program designed to help participants learn the basics of programming with the Python programming language. During the workshop, experienced instructors will guide students through a comprehensive introduction to Python, including the syntax, data structures, and built-in functions of the language. Along the way, students will learn how to create programs and solve real-world programming problems. By the end of the workshop, students will have a working knowledge of how to write your own programs in Python and understand how to read and debug existing code. This workshop was very beneficial for students looking towards the industry point of view and to make decision about their career prospect in IoT product development. So that we cover the main tagline of our institute that is employability quotient and holistic development of students this kind of training proves that we work for the development of students to make industry ready.



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Department of AIML & IoT

Organizing

WORKSHOP
on
**Problem Solving
& Ideation**

For: IoT 2nd year

Experts:



Dr. Shweta Agrawal
Asst. Prof. CE, SST



Mr. Shivang Trivedi
Corporate Engineer



Mr. Ganesh Patidar
Asst. Prof. CE, SST



Date: 23-24 November, 2023

Time: 9:30 AM to 3:30 PM

Venue: Project Lab A-Block

Faculty Coordinators:

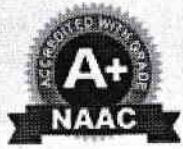
Mr. Ganesh Patidar

IIST Campus, Opp. IIM (Indore), Rau-Pithampur Road, Rau, Indore 453331 (MP)
www.indoreinstitute.com | info@indoreinstitute.com | www.facebook.com/IISTcollegeindore/

Toll Free: 1800 103 3069 | 822 407 1000/2000 | 822 507 2000/3000



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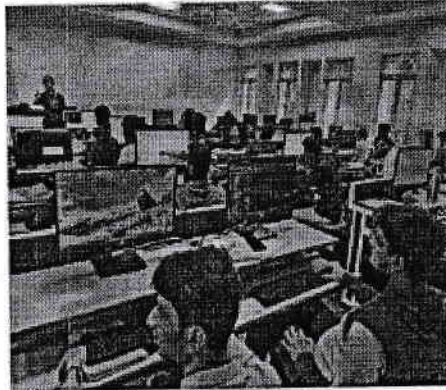
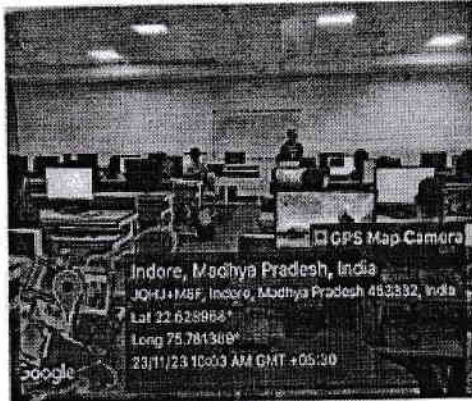


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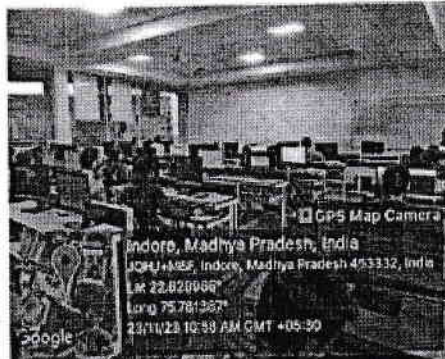
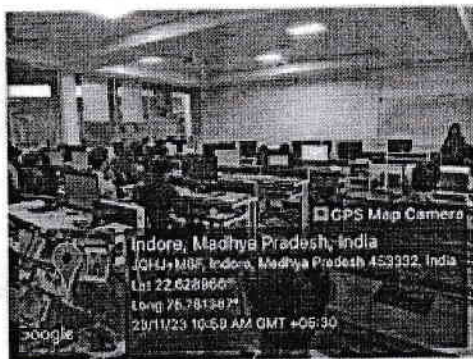
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2023-2024

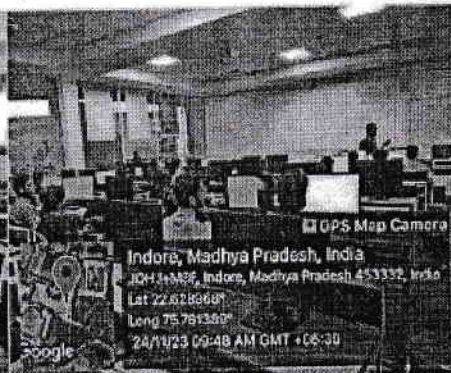
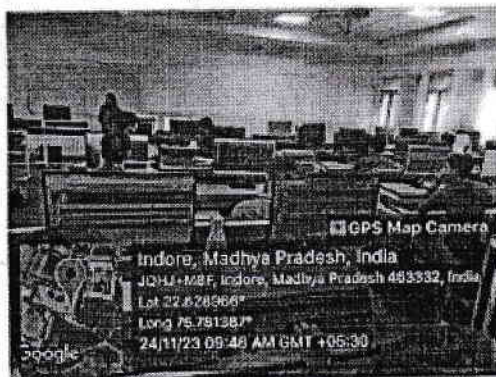
Photographs:



Mr. Ganesh Patidar, Taking session on fundamentals of python programming



Dr. Shweta Agrawal, Taking session on NumPy and Pandas of python programming



Dr. Shweta Agrawal and Mr. Ganesh Patidar taking session

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(Signature)
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Problem Solving and Ideation

Objectives and Course Outcomes:-

> Learning Objectives

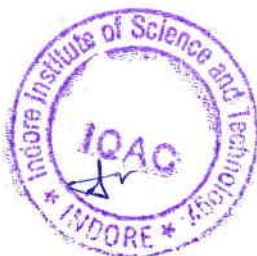
The objective of the workshop is

- To understand why Python is a useful scripting language for developers.
- To learn how to design and program Python applications.
- To learn how to use lists, tuples, and dictionaries in Python programs.
- To build basic programs using fundamental programming constructs like variables, conditional logic, looping, and functions
- Work with user input to create fun and interactive programs

> Course Outcomes

After completing this training, the student will be able to-

- Understand why Python is a useful scripting language for developers.
- Students learn how to design and program Python applications.
- Students learn how to use lists, tuples, and dictionaries in Python programs.
- Able to build basic programs using fundamental programming constructs like variables, conditional logic, looping, and functions
- Students work with user input to create fun and interactive programs



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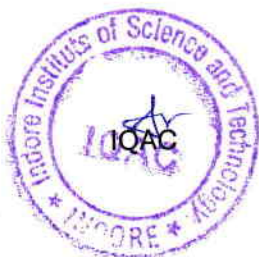


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2023-2024

16. PY-TECH:AIML & IOT



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Event Report

Academic Year : 2023-2024

Session: July-Dec,2023

Name of Event: Training

Topic: PY-TECH: AIML & IoT

Start Date of Event: 07/08/23

End Date of Event: 20/12/23

Organizing Dept.: CSE- IoT & BCT

Event Coordinator: Ganesh Patidar

Trainer's Detail:

Name of Trainer: Mr. Shivang Trivedi
Institute / Company: IIST
Designation: Corporate Trainer
Department: CSE
Contact No.: 8989452663
Email Id: shivang.trivedi@indoreinstitute.com

Details of Participants:


No. of Institutes Participated	No. of Students Participated	Department	No. of Industry Representative	Remark if any
1	120	AIML & IoT	0	


*Please enclose a detailed list.

Also enclosed following details:

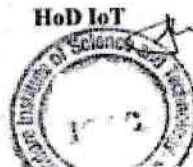
1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print/Social
3. Detailed summary of events. (Outcome)
4. Notice to students and faculty (Notice board notice copy, WhatsApp / Mail information copy) :
5. List of Participate and Day wise attendance


Dr. Shweta Agrawal
HoD AIML


Dr. Sathish K Penchala
HoD IoT


Dr. Keshav Patidar
Principal IIST
Principal
Indore Institute of Science
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Date: 05/08/2023

Approval letter

To,
The Principal
Indore Institute of Science and Technology, Indore

Subject: Proposal for 45 hours training on "PY-TECH: AIML & IoT" from 7th August to 20th December 2023

Respected Sir,
Department of CSE- IoT, Cyber Security including Blockchain Technology is planning to organize 45 hours training on PY-TECH: AIML & IoT for the students of B Tech 2nd Year 3rd sem (AIML & IoT) from 7th August to 20th December 2023. The expert is Mr. Shivang Trivedi. It is our request to kindly allow us for the same.

[Signature]
Yours faithfully
Mr. Ganesh Patidar
Assistant Professor
Computer Science & Engineering Department
IIST Indore

[Signature]
Dr. Shweta Agrawal
HoD AIML

[Signature]
Dr. Sathish K Panchala
HoD IoT

[Signature]
Dr. Keshav Patidar
Principal IIST
Principal

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Department of CSE- IoT, Cyber Security including Blockchain Technology

Date: 05/08/2023


Notice

All B Tech 2nd Year 3rd sem (AIML & IoT) students are hereby notified that a Training program on PY-TECH: AIML & IoT would be held from 7th August to 20th December 2023.

The training will be led by a Mr. Shivang Trivedi from IIST, Indore.
All students are required to attend the session.

Time: - 1:10 PM to 3:00 PM


Mr. Ganesh Patidar
Event Coordinator


Dr. Shweta Agrawal
HoD AIML


Dr. Sathish K Penchala
HoD IoT


Dr. Keshav Patidar
Principal IIST

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Department of CSE- IoT & BCT

Summary/Report for Training on "PY-TECH: AIML & IoT"

Title : PY-TECH: AIML & IoT
Date of Event : 07/08/2023 to 20/12/2023
Trainer : Mr. Shivang Trivedi
Coordinator : Mr. Ganesh Patidar

Summary:

CSE- IoT, Cyber Security including Blockchain Technology department organized training on "PY-TECH: AIML & IoT" for 45 hours. The Training has been taken by Mr. Shivang Trivedi. He gave training on 'Python programming' from scratch and he explains various concepts related with fundamentals of python programming. Its high-level built in data structures, combined with dynamic typing and dynamic binding, make it very attractive for Rapid Application Development, as well as for use as a scripting or glue language to connect existing components together. Python's simple, easy to learn syntax emphasizes readability and therefore reduces the cost of program maintenance. Python supports modules and packages, which encourages program modularity and code reuse. The Python interpreter and the extensive standard library are available in source or binary form without charge for all major platforms and can be freely distributed. So that we cover the main tagline of our institute that is employability quotient and holistic development of students this kind of training proves that we work for the development of students to make industry ready.

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2023-2024

Department of CSE-IoT, Cyber Security including Blockchain Technologies
in collaboration with CARE

Semester III (July-Dec 2023)

Training

PY-TECH: AIML & IOT

45 Hrs training
From: 7th Aug, 2023

Resource Person:
Shivang Trivedi
(Trainer)

Faculty Coordinator: Mr. Ganesh Patidar
Contact: +91 98265 77998

python SIG



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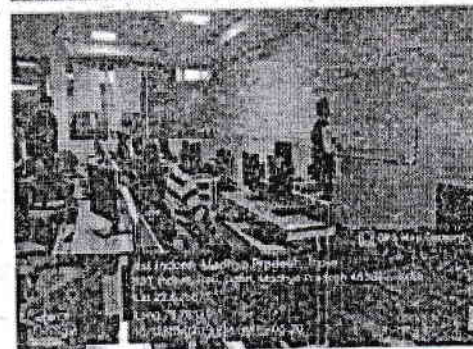
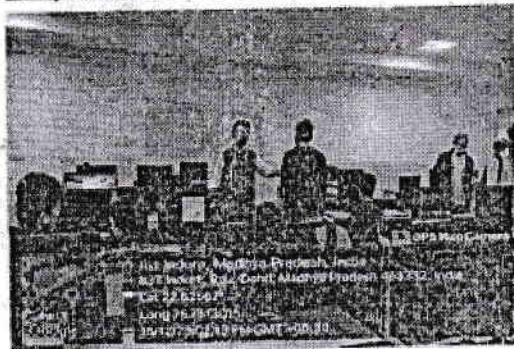
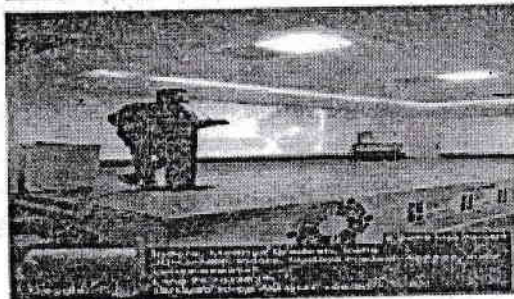
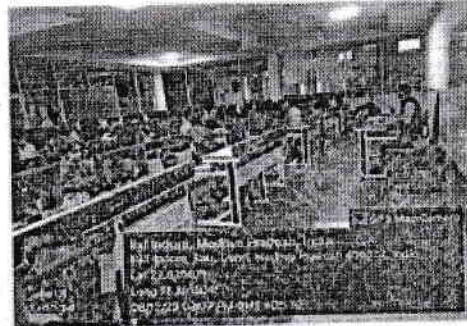
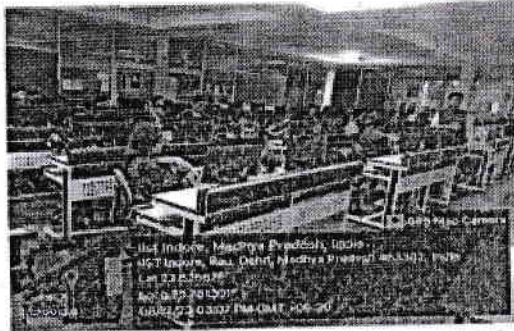


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Photographs



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PY-TECH: AIML & IoT

Objectives and Course Outcomes:-

> Learning Objectives

The objective of the training is:

- > To understand why Python is a useful scripting language for developers.
- > To learn how to design and program Python applications.
- > To learn how to use lists, tuples, and dictionaries in Python programs.
- > To learn how to identify Python object types.
- > To learn how to use indexing and slicing to access data in Python programs.
- > To define the structure and components of a Python program.
- > To learn how to write loops and decision statements in Python.
- > To learn how to write functions and pass arguments in Python.

Course Outcomes

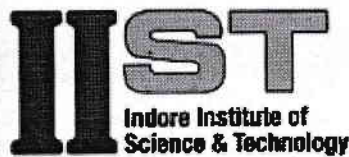
After completing this training, the student will be able to-

- > Importance of Python programming.
- > Apply the programming logic to build the basic program in Python using list, tuple, set, dictionary etc.
- > Apply the conditional statement logic to build basic programs.
- > Create and run the programs using loops. Apply the knowledge of any programming language to implement DSA concepts.
- > Program to define and call the functions.

DEPARTMENT OF AIML



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17. Training cum internship core Java (1)



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Event Report

Academic Year -2023-2024

Session: Jan-June -2024

Name of Event: Training cum Internship

Topic: Core Java

Date of Event: 26/02/2024 to 12/06/2024

Event Coordinator: Prof. Smita Marwadi

Organizing Dept.: IOT

Name of Instructor: Ganesh Patidar
Designation: Asst. Professor

Department: IOT

Contact No.: 9826577998

Email Id: ganesh.patidar@indoreinstitute.com

Details of Participants:

No. of Institutes Participated	No. of Students Participated	Department		No. of Industry Representative	Remark if any
		AIML/IOT/IT			
1	71	IOT		0	

*Please enclose a detailed list.

Also enclosed following details:

1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print/Social
3. Detailed summary of events. (Outcome)
4. Notice to students and faculty (Notice board notice copy, WhatsApp / Mail information copy) :
5. List of Participate and Day wise attendance

HOD



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Department of IOT

Training cum Internship
on

CORE JAVA

40 Hrs training
for IOT - 4th sem

Starting From: 26th Feb. 2024 onwards

Instructor:


Logic Bulk & Core Program

Java

Faculty Coordinator:-
Ms. Smita Marwadi

Sempus, Opp. IIM (Indore), Rau-Pithampur Road, Rau, Indore 453331 (MP)
Toll Free: 1000 103 3069 | 922 507 1000 / 922 407 1000



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Date: 23/02/2024

Approval letter

To,
The Principal
Indore Institute of Science and Technology, Indore

Subject: Training cum certification on CORE JAVA

Respected sir,
Department of IOT is planning to organize an Training cum certification on "CORE JAVA" starting from 26th feb 2024 for the students of B Tech 2nd Year IOT. The Trainer is Mr. Ganesh Patidar. It is our request to kindly allow us for the same.

Yours faithfully
Ms. Smita Marwadi
Assistant Professor
Computer Science & Engineering Department
IIST Indore


HOD
Dr. Satish Penchala




Principal
Dr. Keshav Patidar
Principal
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Department of IOT

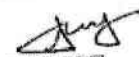
Date: 23/02/2024

Notice


B Tech 2nd year IOT students are hereby notified that "Training cum internship on CORE
JAVA" starting from 26th feb 2024.
The Training will be led by a Mr. Ganesh Patidar from Indore.
All students are required to attend the Training.


Coordinator
Ms. Smita Marwadi




HOD IOT
Dr. Satish Penchala




Principal
Dr. Keshav Patidar
Principal
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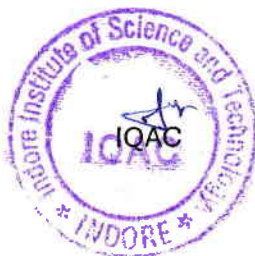
Department of IOT

Training cum internship Core Java

Title : Core Java
 Date of training : 26/02/2024 onwards
 Trainer : Mr. Ganesh Patidar
 Coordinator : Ms Smita Marwadi

Summary:

The department IOT organize a 40 hours Training cum internship on Core Java. In this workshop Mr. Ganesh Patidar has given a comprehensive training on Core Java. Java programming training equips students with essential skills to develop robust, scalable applications. The training typically covers installation and setup of Java Development Kit (JDK), fundamentals such as data types, operators, control statements (loops, conditionals), and method concepts (parameters, overloading, overriding). It delves into object-oriented programming (OOP) principles including classes, objects, inheritance, polymorphism, encapsulation, and abstraction, crucial for building modular and maintainable code. Students also learn about constructors, packages, access levels, abstract classes, and interfaces, enhancing code organization and reusability. Exception handling, arrays, threads, and the Object class methods further deepen understanding, while training emphasizes best practices and industry standards for efficient Java application development. Practical exercises and projects ensure hands-on experience, preparing students to tackle real-world challenges and excel in Java programming roles.



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Core Java

Objectives and Course Outcomes: -

> Objectives

The objective of the training is

- To introduce the object-oriented programming concepts.
- To understand object-oriented programming concepts and apply them in solving problems.
- To introduce the principles of inheritance and polymorphism; and demonstrate how they relate to the design of abstract classes
- To introduce the implementation of packages and interfaces
- To introduce the concepts of exception handling and multithreading.
- To introduce the design of Graphical User Interface using applets and swing controls.

Course Outcomes

After completing this training, the student will be able to-

- solve real world problems using OOP techniques.
- understand the use of abstract classes.
- solve problems using java collection framework and I/O classes.
- develop multithreaded applications with synchronization.
- develop applets for web applications.
- design GUI based applications



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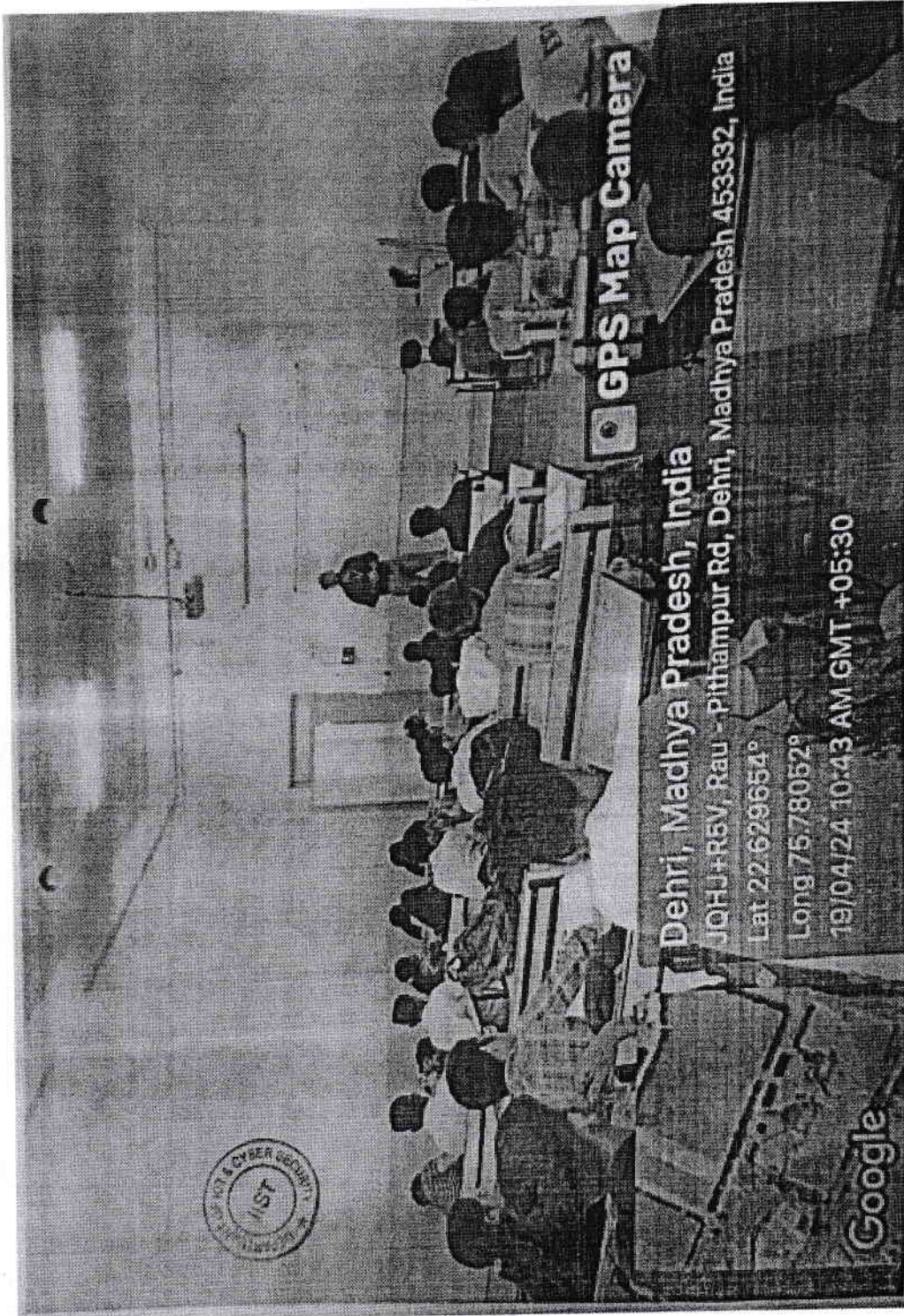


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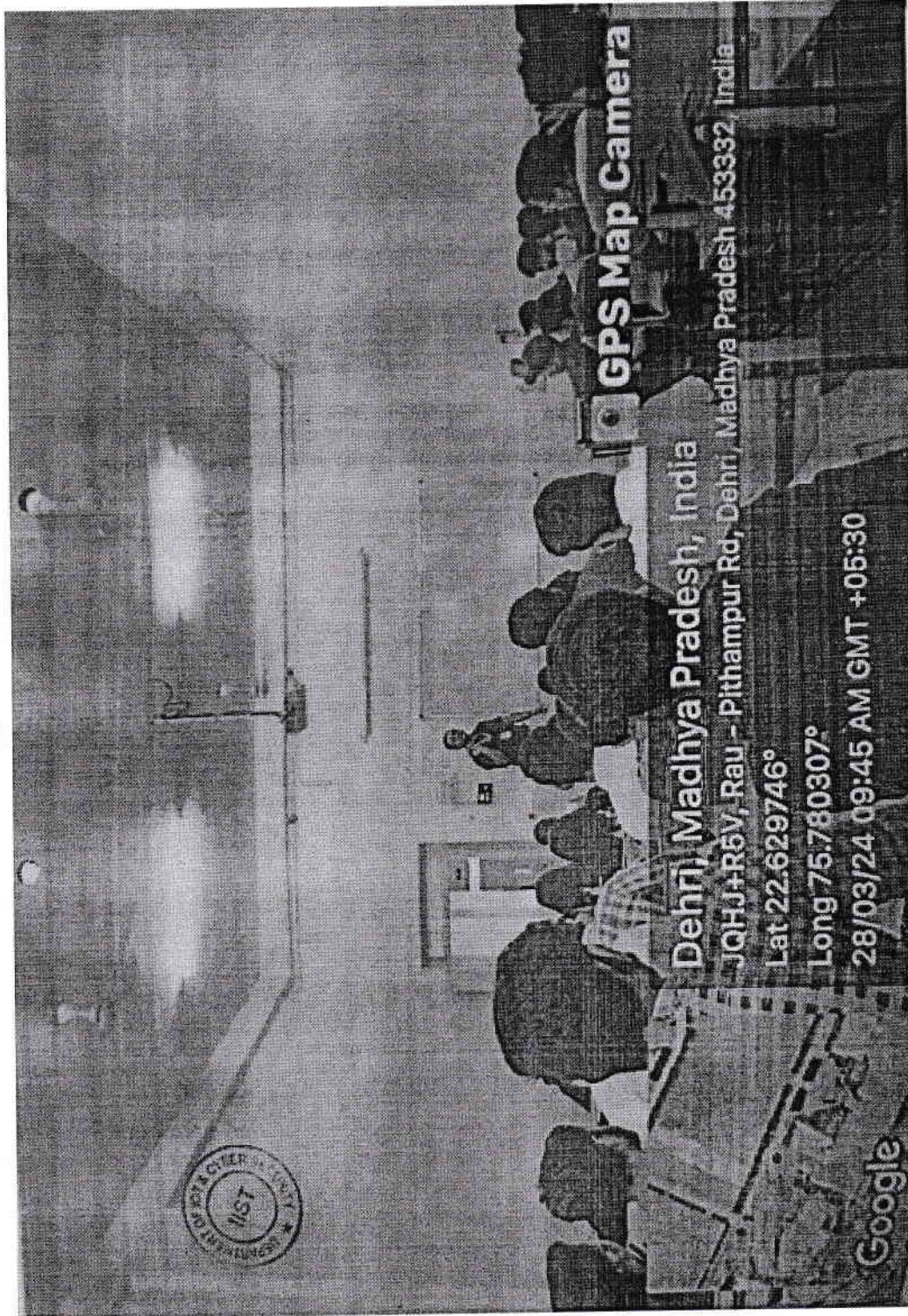
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GPS Map Camera

Dehri, Madhya Pradesh, India

JQHJ+R6V, Rau - Pithampur Rd, Dehri, Madhya Pradesh 453332, India

Lat 22.629746°

Long 75.780307°

28/03/24 09:45 AM GMT +05:30

Google



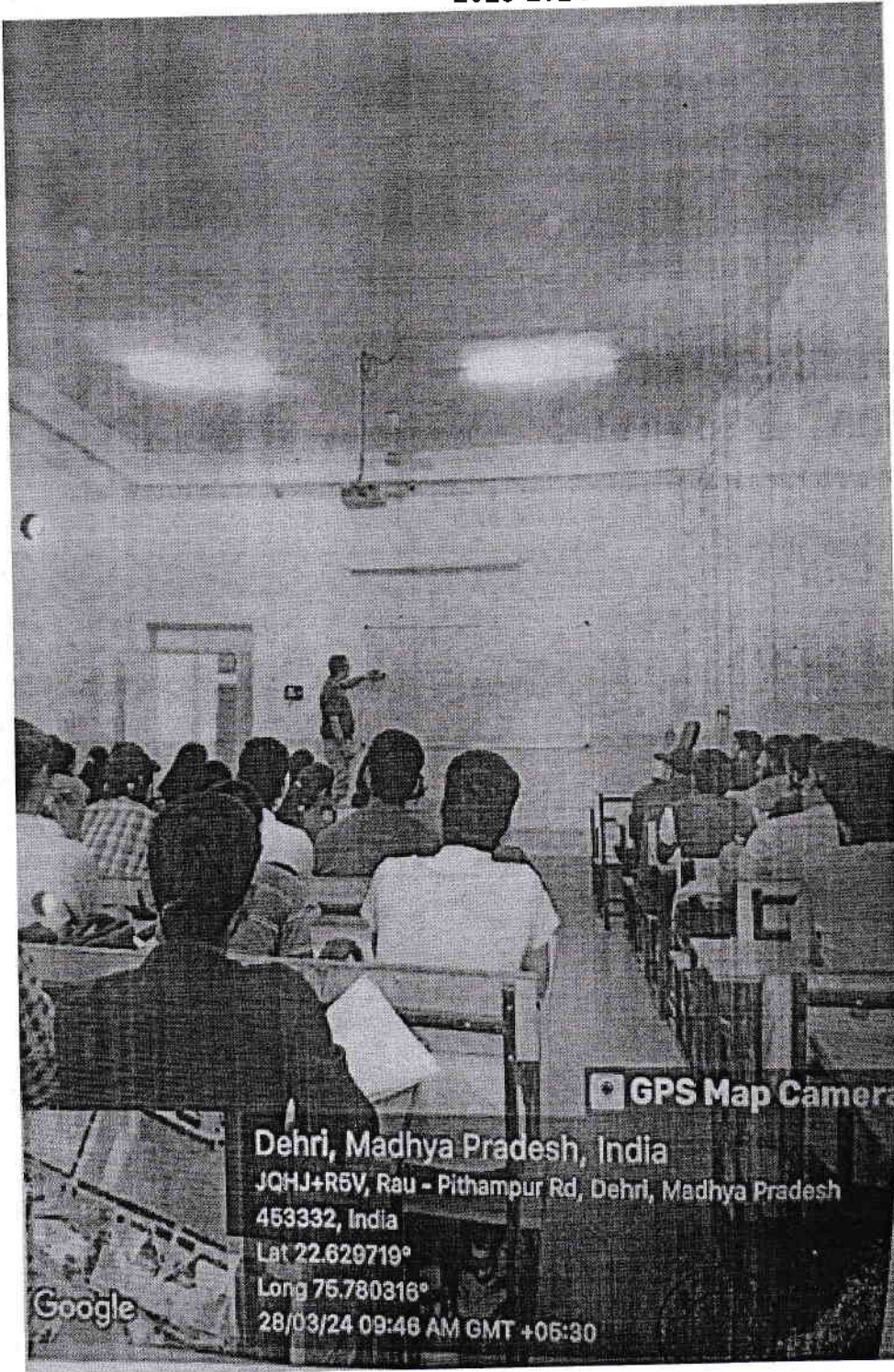
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Prestressed Concrete Structures



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DATE: 05/10/2023

Approval Letter

Department of Civil Engineering is interested to conduct a Certificate Course on "Prestressed Concrete Structures" for students of II- And III-Year students of Civil Engineering Department on from 09/10/2023 to 14/10/2023. The coordinator will be Ms. Poonam Bagora, Assistant Professor, Civil Engineering Department.

Kindly approve the same for conducting the activity.

Faculty Coordinator
Ms. Poonam Bagora
Assistant Professor
Civil Engineering Department

for Ashwini
H.O.D.



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DATE: 06/10/2023

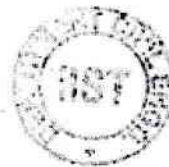
NOTICE

This is to inform you that Department of Civil Engineering is going to conduct certificate course from 09/10/2023 to 14/10/2023 on Prestress Concrete Structures. The students of 3rd & 2nd year of Civil Engineering Department will have to participate actively in this visit. The coordinator for the above event is Mrs. Poonam Bagora, Assistant Professor, Civil Engineering Department.

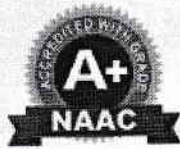
So, I invite all the 3rd & 2nd students of Civil Engineering to participate in the event get advantage.

for *Poonam Bagora*

H.O.D.
Civil Engineering Department



Poonam Bagora
Principal
Indore Institute of Science
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Report on Certificate Course on Prestressed Concrete Structures

Conducted by:

Ms. Poonam Bagora, Assistant Professor, Civil Engineering Department
Indore Institute of Science and Technology

Date:

9/10/2023 to 14/10/2023

Target Audience:

II and III Year Civil Engineering Students

Venue:

Indore Institute of Science and Technology, Civil Engineering Department

Introduction:

A certificate course on **Prestressed Concrete Structures** was conducted by Ms. Poonam Bagora, Assistant Professor in the Civil Engineering Department at Indore Institute of Science and Technology. The course took place from 5th February 2024 to 10th February 2024, aimed at providing II and III Year Civil Engineering students with in-depth knowledge and practical insights into the design, analysis, and application of prestressed concrete structures, an essential area in modern civil engineering construction.

Course Objectives:

The course was designed with the following primary objectives:

1. To familiarize students with the concept of prestressed concrete and its significance in modern civil engineering applications.
2. To understand the various methods of prestressing concrete, including pre-tensioning and post-tensioning.
3. To impart knowledge about the design and analysis techniques for prestressed concrete elements, including beams, slabs, and bridges.
4. To discuss real-world applications of prestressed concrete in infrastructure projects.
5. To enhance practical skills and application of theoretical concepts through hands-on experience.

Course Content:

The six-day course covered the following core topics, designed to provide a comprehensive understanding of prestressed concrete:

1. **Introduction to Prestressed Concrete:**
 - o Basic concepts of prestressed concrete and its importance in the construction industry.
 - o Difference between reinforced concrete and prestressed concrete.
 - o Historical development and applications of prestressed concrete.



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2. Prestressing Systems:

- o Methods of prestressing: Pre-tensioning and Post-tensioning.
- o Types of prestressing systems used in construction.
- o Materials used in prestressed concrete (e.g., high-strength steel cables).

3. Design Principles:

- o Analysis and design of prestressed concrete beams and slabs.
- o Calculation of stresses in prestressed concrete elements.
- o Key design considerations for prestressed concrete members.

4. Structural Behavior of Prestressed Concrete:

- o Behavior of prestressed concrete under different loading conditions.
- o Deflection control and crack control in prestressed structures.
- o Long-term behavior: Shrinkage, creep, and relaxation of steel tendons.

5. Practical Applications of Prestressed Concrete:

- o Real-life applications of prestressed concrete in bridges, buildings, and high-rise structures.
- o Case studies of major infrastructure projects that utilized prestressed concrete.

6. Hands-on Workshop on Prestressing:

- o Practical demonstration of prestressing techniques.
- o Students were provided with simulations and software tools used in prestressed concrete design.
- o Group tasks where students designed small prestressed concrete elements.

Methodology:

To ensure effective learning, the course was delivered through a combination of theoretical lectures, practical workshops, and interactive sessions. The teaching methodology included:

- **Lectures and Presentations:**
Detailed lectures by Ms. Poonam Bagora explained the concepts of prestressed concrete, supported by visual aids and industry examples.
- **Case Studies and Discussions:**
Real-world case studies were presented to show the practical applications of prestressed concrete in large-scale construction projects. Students actively engaged in discussions, analyzing the challenges and solutions provided by prestressed concrete techniques.
- **Hands-on Practice:**
Students participated in a hands-on workshop where they applied theoretical knowledge to solve design problems related to prestressed concrete structures.
- **Use of Software Tools:**



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The course also included a session on the use of structural design software for prestressed concrete, equipping students with modern tools used in the industry.

Key Highlights:

- **Expert Guidance:**
Ms. Poonam Bagora's expertise and interactive teaching methods ensured that the students grasped both the theoretical and practical aspects of prestressed concrete structures.
- **Student Engagement:**
The course saw strong participation from II and III-year students, who actively contributed to discussions and problem-solving exercises.
- **Real-World Insight:**
The inclusion of case studies and examples from real infrastructure projects provided students with a clear understanding of how prestressed concrete is applied in large-scale construction.
- **Certificate of Completion:**
At the end of the course, students were awarded certificates recognizing their participation and successful completion of the course.

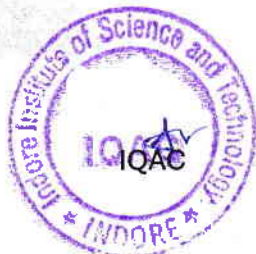
Feedback:

Student feedback on the course was highly positive. Many students appreciated the clarity and depth of the content, particularly the balance between theory and practical application. They noted that the course enhanced their understanding of prestressed concrete and its significance in contemporary civil engineering. Several students expressed an interest in further exploring the topic through advanced courses or projects.

Conclusion:

The Prestressed Concrete Structures certificate course provided II and III Year Civil Engineering students with valuable knowledge and practical insights into an important area of civil engineering. Through Ms. Poonam Bagora's expert guidance, students were able to understand the complex design, analysis, and application of prestressed concrete elements. The hands-on workshops, along with case studies and software training, ensured that students gained the necessary skills to apply their knowledge in real-world construction scenarios. This course successfully met its objectives and has equipped students with the tools needed for further study or future careers in civil engineering.

Event Coordinator



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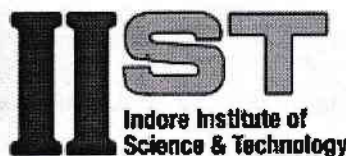
Learning Outcomes

After successful completion of this course the student will be able to:

1. Identify various prestressed structural elements.
2. Apply analytical skills to evaluate performance of prestressed structural elements
3. Analyze prestressed structural elements with various considerations.
4. Design and detail prestressed structural elements for various loading conditions.



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Certificate Course on Prestressed Concrete Structures

Programme Objectives

The program prepares students for professional, teaching and research careers. Emphasis is on the acquisition of knowledge concerning to analysis, design, construction, maintenance, management and performance of structural components and structures with due consideration to public governing policies and guidelines.

Objectives of Course-

Student will be able to:

1. Understand various types prestressed structural elements.
2. Analyze and determine loads and stresses in PSC Members
3. Apply knowledge of analytical solution in problem solving
4. Design and detailing of Prestressed structural elements.

Course Content

S.No.	Topic
1	History of prestressed concrete
2	Practice and use of standard materials
3	Methods of prestressing concrete structures
4	Understanding of the behavior of prestressed concrete bonded and unbonded components for flexure and shear
5	Prestressing is introduced as another load on the structure ("Equivalent Load Concept")



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Practical Quiz

poonam.bagora@indoreinstitute.com [Switch account](#)

* Required

Email*

Your email

In reinforced concrete members the prestress is commonly introduced by*

1 point

- Tensioning the steel reinforcement
- Tendons
- Shortening of concrete
- Rings

Development of early cracks in reinforced concrete is due to ----*

1 point

- Strains of steel
- Stresses of steel
- Ultimate load
- Bending of steel

The earliest examples of wooden barrel construction by force- fitting of metal bands and shrink-fitting of metal tiers of wooden wheels indicate the art of _____*

1 point

- Prestressing
- Tensioning
- Stress
- Straining

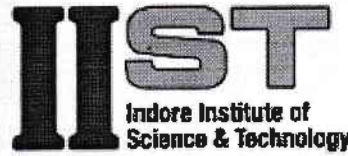
The prestressing of concrete member is carried out to reduce _____*

1 point

- Compressive stresses
- Tensile stresses
- Bending stresses



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Shear force

The necessity of high strength concrete in prestressed concrete is due to*

1 point

- Shear and bonding
- Loading and Unloading
- Cracking
- Bending

The length of the prestressed tendon between the end of the member and the point where the steel attains its stress is called*

1 point

- Anchorage
- De bonding
- Cracking load
- Transmission length

In circular prestressing members the tendons are supplied in the form of*

1 point

- Cables
- Bars
- Wires
- Rings

The prestressed concrete structures are considered as*

1 point

- Economical structures
- Uneconomical structures
- Tensile structures
- Loading structures

The prestressed concrete involves problem like _____*

1 point

- Architectural and construction
- Financial and land
- Placing of material
- Tensioning devices

Which of the following is the Indian Code used for high strength concrete mixes?*

1 point

- IS 1343-1980
- IS 10263-1982



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NPTEL



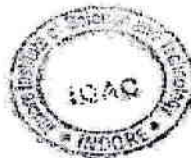
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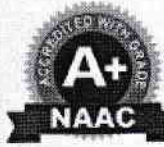
**Report of NPTEL Local Chapter
Session- 2023-24**



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(NPTEL SPOC)



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Report of Students Performance in NPTEL Courses

Session	Total no. of Exam registrations	Certification Completion	Elite+ Gold	Elite+ Silver	Elite	Success fully
July-Dec 2023	44	23	-	6	7	10
Jan-Apr 2024	152	109	1	23	44	41

*Out of 109 certifications in Jan-Apr 2024, 11 are toppers in two categories
(Top 1% and Top 5% in the course all over India).

Topper of 1% in the course

S.no	Course Name	Name	Role	Dept	Final Score	Certificate Type
1	Introduction to programming in C	Varsha Zokarkar	faculty	CSE	94	Elite+gold
2	Programming In Java	Sanidhya Soni	student	IT	82	Elite+Silver
3	Programming In Java	Yash Jain	student	CSE	81	Elite+Silver
4	Programming In Java	Sarthak Joleya	student	CSE	81	Elite+Silver

Topper of 5% in the course

S.no	Course Name	Name	Role	Dept	Final Score	Certificate Type
5	Python for Data Science	Reetu Gupta	faculty	CSE	85	Elite+Silver
6	Data Base Management System	ALINA KHAN	student	CSE	77	Elite+Silver
7	Computer Networks And Internet Protocol	ARYAN GUPTA	student	CSE	82	Elite+Silver
8	Computer Networks And Internet Protocol	Khushboo Soni	student	IT	84	Elite+Silver
9	The Joy of Computing using Python	Sandeep Singh	student	AIML	85	Elite+Silver
10	Programming In Java	Ojasva Manik	student	CSE	76	Elite+Silver
11	Programming In Java	JAYSHREE THAKUR	student	CSE	75	Elite+Silver

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EDX



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Date: 01/07/2023

NOTICE

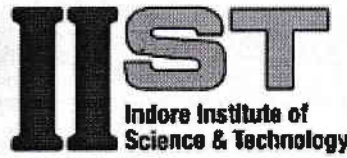
This is to inform you that edx is providing opportunity to all the students and faculties to do the certification in various courses. Our college took a subscription and faculty coordinator for the session 2023-2024 will be Ms. Rati Gupta. I request all the students and faculty/staff to register and do certification for enhancement of the skills and learn emerging areas.

Dr. Keshav Patidar
PRINCIPAL

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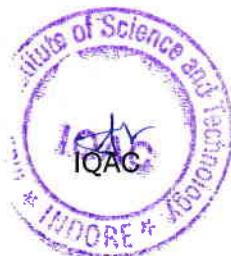
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Date: 24/06/2023

NOTICE

This is to inform you that Coursera is providing opportunity to all the students and faculties to do the certification in various courses. Our college took a subscription and faculty coordinator for the session 2023-2024 will be Miss Rupal Yadav. I request all the students and faculty/staff to register and do certification for enhancement of the skills and learn emerging areas.

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