



## SUPPORTING DOCUMENTS

### NAAC AQAR: 2021-22

**2.3.1**

*Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences*

**Attachment:-** Supporting documents

**IMS Engineering College Ghaziabad**  
**Department of Information Technology**

**Notice**

**From: HOD (IT)**

**To : IT Faculty  
: 4<sup>th</sup> year students (IT)**

**Date: 13-09-2021**

This is to inform you that your Internship presentations shall take place as per schedule attached. You are requested to adhere to the guidelines that are mentioned below:


**Internship Guidelines for Final Year**

1. 4IT1, Presentations will be conducted in C-308 from 20 Sep, 2021 in scheduled time slot.
2. 4IT2, Presentations will be conducted in C-309 from 20 Sep, 2021 in scheduled time slot.
3. Each student will be given **10 minutes** time slot for presentation.
4. No. of slides in presentation permitted are **12 -15 (Max)**.

**Contents of Internship Presentation:**

Name of slide	Max number of slides used
Introduction	2
Brief about the Company	2
Technology/Platform	3
Project description	2
Project details	3
Project Output/result	2
References	1

5. Number of pages in report: 40-45 (Max).
6. Photocopy of Certificate will be collected at the time of presentation only (In hard copy).
7. Before taking the hardcopy of report, soft copy of report must get checked from teacher in-charge.

  
13/9/21  
**Dr. Suveg Moudgil**  
**Internship Coordinator (Final Year)**

**HOD**  
**IT Department**  
**IMS Engineering College**  
**Ghaziabad**  
13/09/2021  
**Dr. S. N. Rajan**  
**HOD (IT)**

Copy to:

1. All Faculty members through Whatsapp and Email.
2. All Final Year students
3. Notice Board

**IMS Engineering College, Ghaziabad**  
**Department of Biotechnology**

List of Summer Internship Final Evaluation (2018-22)

S.No.	Roll no	Name	Topic	Company/Organization	Duration
1	1814354001	AAVUSHI SAINI	Advanced techniques in biotechnology	Codon Biotech Pvt. Ltd	16th august 2021-17 september 2021
2	1814354002	ABHINAV ROHILA	Microbiology and Food Biotechnology Techniques	Helix Biogenesis	2nd september 2021-1st october 2021
3	1814354003	ABHISHEK GAUR			
4	1814354004	ABHISHEK ORL LAL	Cell and Molecular Biology, Food Industries -Quality Analysis and Control Skills, Bioprocess Engineering & Fermentation Technology	Rapture Biotech	16th March 2021-6th April 2021
5	1814354006	ADITYA RAJ	Simulation Study	ITT Allahabad	25th may 2021-25th july 2021
6	1814354007	AKANKSHA SINGH			
7	1814354008	AKRITI SINGH	Advanced Biotech Techniques	MRD Lifesciences Pvt Ltd	15 july 2021-14 august 2021
8	1814354009	ANJALI GUPTA	Production of alpha amylase	IMS Engineering College, Ghaziabad	15 september to 15 november 2021
9	1814354010	ANURKRI CHAUDHARY	Structure and function prediction of probable proteins from non-coding regions of human T-cell leukemia virus	IMS Engineering College, Ghaziabad	15 <sup>th</sup> October 2021 - 3 <sup>rd</sup> December 2021
10	1814354011	ARPIITA SINGH			
11	1814354012	ASHUTOSH KHASWAL	Production of alpha amylase	IMS Engineering College, Ghaziabad	15 september to 15 november 2021
12	1814354013	AYUSH SRIVASTAVA	Cell and Molecular Biology, Food Industries -Quality Analysis and Control Skills, Bioprocess Engineering & Fermentation Technology	Rapture Biotech	16th March 2021-6th April 2021
13	1814354014	DEVANSH GUPTA	Applied Industrial microbiology	Rapture Biotech	23rd Aug 2021- 6th Sep 2021
14	1814354015	DIKSHA TIWARI	Drug Designing using molecular dynamics against melanoma causing gene identified by microarray data analysis	MRD Lifesciences Pvt Ltd	1st august 2021 to 31st august 2021
15	1814354016	GARIMA SINGH			
16	1814354017	GARVIT GUPTA	Bioinformatics	IMS Engineering College, Ghaziabad	15 september 2021-14 january 2022
17	1814354018	HARSHITA SHARMA			
18	1814354019	KAJAL YADAV	Medical microbiology techniques	Helix Biogenesis	17th august 2021-6th september 2021
19	1814354020	KESHAV SAXENA	Nutrient Diffusion through artificial blood vessel	ITT Allahabad	25th may 2021-25th july 2021
20	1814354021	KHUSHI PANWAR	Industrial microbiology and food technology	IMS Engineering College, Ghaziabad	10th october 2021-10 december 2021
21	1814354022	KUMARI URESH	Advanced techniques in biotechnology	Codon Biotech Pvt. Ltd	16th august 2021-17 september 2021
22	1814354023	MANSI DAGAR	Medical microbiology techniques	Helix Biogenesis	17th august 2021-6th september 2021
23	1814354024	MANSI RAGHAV			
24	1814354025	MOHIT SRIVASTAVA			

*P. K. Paul*

*[Signature]*

25	1814354026	MUSKAN JAISWAL	Advanced techniques in biotechnology	Codon Biotech Pvt. Ltd	16th august 2021-17 september 2021
26	1814354027	MUSKAN VARSHNEY	Advanced techniques in biotechnology	Codon Biotech Pvt. Ltd	16th august 2021-17 september 2021
27	1814354028	NANDITA .	Applied Industrial microbiology	Raptur Biotech	23rd Aug 2021- 6th Sep 2021
28	1814354029	NEHA CHATURVEDI	Production of alpha amylase	IMS Engineering College, Ghaziabad	15 september to 15 november 2021
29	1814354030	NIKHIL KUMAR DUBEY			
30	1814354031	NISHA VERMA	Molecular Docking	IMS Engineering College, Ghaziabad	
31		ROHAN VERMA			
32	1814354032	NISHITHA KHARE	Drug Designing using molecular dynamics against cancer causing gene identified by microarray data analysis	MRD Lifesciences Pvt Ltd	1st august 2021 to 31st august 2021
33	1814354033	PALLAVI YADAV	Advanced techniques in biotechnology	Codon Biotech Pvt. Ltd	16th august 2021-17 september 2021
34	1814354034	PRASHANT SINGH	CADD Approach	Raptur Biotech	April to July
35	1814354035	PRAJKSHA SRIVASTAVA			
36	1814354036	PRINCY BHASIN	Industrial microbiology and food technology	IMS Engineering College, Ghaziabad	10th october 2021-10 december 2021
37	1814354037	RICHA TIWARI	Simulation Study	IIT Allahabad	25th may 2021-25th july 2021
38	1814354038	RITIKA .	Bioinformatics tools and techniques	IMS Engineering College, Ghaziabad	15 september 2021-15 november 2021
39	1814354039	RIYA DUBEY	Industrial microbiology and food technology	Helix Biogenesis	2nd september 2021- 1st october 2021
40	1814354040	SAMIKSHA KARN	Advanced techniques in biotechnology	Codon Biotech Pvt. Ltd	16th august 2021-17 september 2021
41	1814354041	SANSKRITI SAXENA	Dairy Products	Firozabad Dairy Products Cooperative Pvt. Ltd	24th august 2021-7th september 2021
42	1814354042	SEJAL JAIN	Drug Designing	MRD Lifesciences Pvt Ltd	1st august 2021 to 31st august 2021
43	1814354043	SEJAL SINGH	Designer and Digital Marketing	Varsh Services	
44	1814354044	SHIVAM KUMAR SINGH			
45	1814354045	SHIVANGI SINGH	Advance molecular biology and rDNA Technology	Helix Biogenesis	1st july 2021-31st july 2021
46	1814354046	SHIVANGI VERMA			
47	1814354047	SHIVANI PANWAR	Advanced techniques in biotechnology	Codon Biotech Pvt. Ltd	16th august 2021-17 september 2021
48	1814354048	SHRADDHA PANWAR			
49	1814354049	SHUBHAM MISHRA			
50	1814354050	SHUBHAM SINGH	Advance Molecular Biology Techniques	Helix Biogenesis	15th december 2021- 14th january 2022

P.K. Pandey

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51	1814354051	SHUBHAM TIWARI	Computational and Herbal Informatics Approach for identifying potent drug against lung cancer	Rapture Biotech	
52	1814354052	SHWETA SINGH	Web Development	Internshala	
53	1814354053	SNEHIL SINGH KURU			
54	1814354054	SRASHTI JADAVN	Web Development	Internshala	
55	1814354055	SWARNIMA BALIVAN			
56	1814354056	SWATI.	Applied Industrial microbiology	Rapture Biotech	23rd Aug 2021- 6th Sep 2021
57	1814354057	TRIPTI DWIVEDI	Advanced techniques in biotechnology	Codon Biotech Pvt. Ltd	16th august 2021-17 september 2021
58	1814354058	VAISHNAVI SINGH	Microbiological Techniques and advanced biotech techniques	MRD Lifesciences Pvt Ltd	15 july 2021-15 august 2021
59	1814354059	VANSHIKA CHOUDHARY	Medical microbiology techniques	Helix Biogenesis	17th august 2021-6th september 2021
60	1814354060	VASHIKA GUPTA			
61	1814354061	YASHI TRIPATHI	Advanced techniques in biotechnology	Codon Biotech Pvt. Ltd	16th august 2021-17 september 2021

P.K. Paul

*[Signature]*



INSTITUTION'S  
INNOVATION  
COUNCIL  
(Ministry of Education Initiative)

# IMS Engineering College, Ghaziabad

DEPARTMENT OF INFORMATION TECHNOLOGY

## CERTIFICATE OF PARTICIPATION

(SESSION 2021-22)

*Aditya Patel*

This is to certify that \_\_\_\_\_  
has successfully completed the Add-on Course on “Diversification of Emerging Technology and Open Source Support” (Duration: 32 hrs.) organized by Department of Information Technology, IMS Engineering College Ghaziabad.

Dr. S. N. Rajan  
Program Coordinator

Dr. Sachi Gupta  
HOD-IT

IMSEC/IT/2021-22/AOC/01



INSTITUTION'S  
INNOVATION  
COUNCIL  
(Ministry of Education Initiative)

# IMS Engineering College, Ghaziabad

DEPARTMENT OF INFORMATION TECHNOLOGY

## CERTIFICATE OF PARTICIPATION

(SESSION 2021-22)

This is to certify that *Vineet Tiwari*  
has successfully completed the Add-on Course on “Diversification of Emerging  
Technology and Open Source Support” (Duration: 32 hrs.) organized by  
Department of Information Technology, IMS Engineering College Ghaziabad.

Dr. S. N. Rajan  
Program Coordinator

Dr. Sachi Gupta  
HOD-IT



INSTITUTION'S  
INNOVATION  
COUNCIL  
(Ministry of Education Initiative)

# IMS Engineering College, Ghaziabad

DEPARTMENT OF INFORMATION TECHNOLOGY

## CERTIFICATE OF PARTICIPATION

(SESSION 2021-22)

*Shuchi Smita*

This is to certify that \_\_\_\_\_  
has successfully completed the Add-on Course on “Diversification of Emerging Technology and Open Source Support” (Duration: 32 hrs.) organized by Department of Information Technology, IMS Engineering College Ghaziabad.

Dr. S. N. Rajan  
Program Coordinator

Dr. Sachi Gupta  
HOD-IT

IMSEC/IT/2021-22/AOC/07





INSTITUTION'S  
INNOVATION  
COUNCIL  
(Ministry of Education Initiative)

# IMS Engineering College, Ghaziabad

DEPARTMENT OF INFORMATION TECHNOLOGY

## CERTIFICATE OF PARTICIPATION

(SESSION 2021-22)

*Shreya Shukla*

This is to certify that \_\_\_\_\_  
has successfully completed the Add-on Course on “Diversification of Emerging  
Technology and Open Source Support” (Duration: 32 hrs.) organized by  
Department of Information Technology, IMS Engineering College Ghaziabad.

Dr. S. N. Rajan  
Program Coordinator

Dr. Sachi Gupta  
HOD-IT

IMSEC/IT/2021-22/AOC/06



INSTITUTION'S  
INNOVATION  
COUNCIL  
(Ministry of Education Initiative)

# IMS Engineering College, Ghaziabad

DEPARTMENT OF INFORMATION TECHNOLOGY

## CERTIFICATE OF PARTICIPATION

(SESSION 2021-22)

*Shivam Rai*

This is to certify that \_\_\_\_\_  
has successfully completed the Add-on Course on “Diversification of Emerging Technology and Open Source Support” (Duration: 32 hrs.) organized by Department of Information Technology, IMS Engineering College Ghaziabad.

Dr. S. N. Rajan  
Program Coordinator

Dr. Sachi Gupta  
HOD-IT

IMSEC/IT/2021-22/AOC/05



INSTITUTION'S  
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(Ministry of Education Initiative)

# IMS Engineering College, Ghaziabad

DEPARTMENT OF INFORMATION TECHNOLOGY

## CERTIFICATE OF PARTICIPATION

(SESSION 2021-22)

*Satyadev Pandey*

This is to certify that \_\_\_\_\_  
has successfully completed the Add-on Course on “Diversification of Emerging  
Technology and Open Source Support” (Duration: 32 hrs.) organized by  
Department of Information Technology, IMS Engineering College Ghaziabad.

Dr. S. N. Rajan  
Program Coordinator

Dr. Sachi Gupta  
HOD-IT



INSTITUTION'S  
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COUNCIL  
(Ministry of Education Initiative)

# IMS Engineering College, Ghaziabad

DEPARTMENT OF INFORMATION TECHNOLOGY

## CERTIFICATE OF PARTICIPATION

(SESSION 2021-22)

This is to certify that Barun Kumar Mishra  
has successfully completed the Add-on Course on “Diversification of Emerging  
Technology and Open Source Support” (Duration: 32 hrs.) organized by  
Department of Information Technology, IMS Engineering College Ghaziabad.

Dr. S. N. Rajan  
Program Coordinator

Dr. Sachi Gupta  
HOD-IT



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(Ministry of Education Initiative)

# IMS Engineering College, Ghaziabad

DEPARTMENT OF INFORMATION TECHNOLOGY

## CERTIFICATE OF PARTICIPATION

(SESSION 2021-22)

This is to certify that *Aman Choudhary*  
has successfully completed the Add-on Course on “Diversification of Emerging  
Technology and Open Source Support” (Duration: 32 hrs.) organized by  
Department of Information Technology, IMS Engineering College Ghaziabad.

Dr. S. N. Rajan  
Program Coordinator

Dr. Sachi Gupta  
HOD-IT

IMSEC/IT/2021-22/AOC/02



HOD Information Technology &lt;hodit@imsec.ac.in&gt;

**Add-on Course on DIVERSIFICATION OF EMERGING TECHNOLOGY & OPEN SOURCE SUPPORT**

HOD Information Technology &lt;hodit@imsec.ac.in&gt;

Fri, Apr 29, 2022 at 7:31 PM

To: Suveg Moudgil <suveg.moudgil@imsec.ac.in>, Pavan Sharma <pavan.sharma@imsec.ac.in>, Updesh Kumar <updesh.jaiswal@imsec.ac.in>, Shubham Vyas <shubham.vyas@imsec.ac.in>, Manoj Kumar <manoj.kumar@imsec.ac.in>, Shilpa Singhal <shilpa.singhal@imsec.ac.in>, Amreen Ahmad <amreen.ahmad@imsec.ac.in>, Neeraj Kumar Sirohi <neeraj.sirohi@imsec.ac.in>, Ravi Shankar Pal <rs.pal@imsec.ac.in>, Megha Gupta <megha.gupta@imsec.ac.in>, Anjali Patel <anjali.patel@imsec.ac.in>, "Bhupesh Kr. Gupta" <bhupesh.gupta@imsec.ac.in>, Faizaan Ahmad <faizaan.ahmad@imsec.ac.in>

Cc: Dean Academics &lt;deanacademic@imsec.ac.in&gt;

**DEPARTMENT OF INFORMATION TECHNOLOGY**

From: HOD-IT

To: All Concerned

Date: 29-04-2022

**COMMENCEMENT OF ADD ON COURSE ON  
DIVERSIFICATION OF EMERGING TECHNOLOGY & OPEN SOURCE SUPPORT**For B.Tech 2<sup>nd</sup> Year IT/CS Students (AY 2021-22, Even Semester)

With due approval of Director Sir, an Add-On course on the above mentioned topic is being started for the 2<sup>nd</sup> year students of IT, and Computer Science branch of engineering. The course will be in blended mode and the duration of the course, both theory & practical, will be of 32 Hours. For more registration into the course a Google form is being shared in the class groups. Class commencement date is 02-05-2022 (Monday).

Dr S N Rajan  
HOD-IT




## IMS Engineering College Ghaziabad

01-09-2021

This is to inform you that we are going to start a Add On Course on Machine Learning With Advanced Python. We are going to start this course from 1st September 2021. Duration of this course is 30 hours.

  
Dr. Avdhesh Gupta  
(HOD CSE)

  
Mr. Amit Kumar  
Assistant Professor(CSE deptt.)

# Certificate of Completion

THIS CERTIFICATE IS PRESENTED TO

**Shikhar Kumar Gupta**

HAS SUCCESSFULLY COMPLETED  
THE MINI PROJECT COURSE ON MACHINE LEARNING WITH ADVANCED  
PYTHON

DR. AVDESH GUPTA (HEAD OF DEPARTMENT)  
COMPUTER SCIENCE & ENGINEERING, IISGC

*Amit Kumar*

MR. AMIT KUMAR (ASST. PROF.)  
COMPUTER SCIENCE & ENGINEERING, IISGC

# Certificate of Completion

THIS CERTIFICATE IS PRESENTED TO

**Shashank Srivastava**

HAS SUCCESSFULLY COMPLETED  
THE MINI PROJECT COURSE ON MACHINE LEARNING WITH ADVANCED  
PYTHON

DR. AVDESH GUPTA (HEAD OF DEPARTMENT)  
COMPUTER SCIENCE & ENGINEERING, IISGC

*Amit Kumar*

MR. AMIT KUMAR (ASST. PROF.)  
COMPUTER SCIENCE & ENGINEERING, IISGC

# Certificate of Completion

THIS CERTIFICATE IS PRESENTED TO

**Shivam**

HAS SUCCESSFULLY COMPLETED  
THE MINI PROJECT COURSE ON MACHINE LEARNING WITH ADVANCED  
PYTHON

DR. AVDESH GUPTA (HEAD OF DEPARTMENT)  
COMPUTER SCIENCE & ENGINEERING, IISGC

*Amit Kumar*

MR. AMIT KUMAR (ASST. PROF.)  
COMPUTER SCIENCE & ENGINEERING, IISGC

# Certificate of Completion

THIS CERTIFICATE IS PRESENTED TO

**Shivam**

HAS SUCCESSFULLY COMPLETED  
THE MINI PROJECT COURSE ON MACHINE LEARNING WITH ADVANCED  
PYTHON

DR. AVDESH GUPTA (HEAD OF DEPARTMENT)  
COMPUTER SCIENCE & ENGINEERING, IISGC

*Amit Kumar*

MR. AMIT KUMAR (ASST. PROF.)  
COMPUTER SCIENCE & ENGINEERING, IISGC



## CERTIFICATE

I hereby certify that the work which is being presented as the B.Tech final Year Project Report entitled "Prediction of life Expectancy of Hepatitis Patients using machine learning algorithm", in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Information Technology and submitted to the Department of Information Technology of IMS Engineering College, Ghaziabad, is a record of bonafide work carried out by us under the supervision of Mr. Updesh Jaiswal, Assistant professor, Information Technology Department.

The matter presented in this thesis has not been submitted by me for the award of any other degree elsewhere.

Akshita Trivedi

*Akshita*

Ayushi Tyagi

*Ayushi*

Komal Kumari

*Komal*

Khushi Srivastava

*Khushi Srivastava*

This is to certify that the above statement made by the candidate is correct to the best of my knowledge.

*Updesh Kumar*  
Signature of Supervisor

**Mr. Updesh Jaiswal**  
Project Supervisor

*[Signature]*  
Signature of HOD

**Dr. S. N. Rajan**  
(HOD-IT)

## CERTIFICATE

I hereby certify that the work which is being presented as the B.Tech final Year Project Report entitled “Customer Segmentation using k-means Clustering”, in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Information Technology** and submitted to the Department of Information Technology of IMS Engineering College, Ghaziabad, is a record of bonafide work carried out by us under the supervision of **Dr. Suveg Moudgil, Associate Professor, Information Technology Department.**

The matter presented in this thesis has not been submitted by me for the award of any other degree elsewhere.

Divyanshu Saxena

*Divyanshu*

Akriti Singh

*Akriti*


Aakash Vishwakarma

*Aakash*

Devanshi Srivastava

*Devanshi*

This is to certify that the above statement made by the candidate is correct to the best of my knowledge.

  
Signature of Supervisor

**Dr. Suveg Moudgil, Associate Professor**

  
Signature of HOD

**Dr. S.N. Rajan (HOD- IT)**

**IMS ENGINEERING COLLEGE, GHAZIABAD**  
**DEPARTMENT OF INFORMATION TECHNOLOGY**

**Date: 10/09/2021**

**IT/Sep/2021/03**

**NOTICE**

This is to inform all B-tech (IT), 7<sup>th</sup> Semester (4<sup>th</sup> Year) students to make a major Project group of minimum 2 & maximum 4 students and select the Title of your Major Project from the following given below Domains/Areas only.

Also discuss with the faculty members of IT Department to make/select a project guide for your team, latest by 20<sup>th</sup> September, 2021.

- Machine Learning
- Soft Computing
- Data Analytics
- Data Mining
- Web Enabled Analytics
- Image Processing
- Cryptography & Network Security
- Block Chain Technology
- IoT (Internet of Things)
- Robotics & Automation

We will share a google form to fill data of your team members, project name and guide/mentor/supervisor name on 21<sup>st</sup> September, 2021.

*Updesh*  
*10-09-21*  
Mr. Updesh Jaiswal  
Project Coordinator

*10/09/2021*  
HOD Dr. S. N. Rajan  
IT Department  
IMS Engineering College  
Ghaziabad



Updesh Kumar &lt;updesh.jaiswal@imsec.ac.in&gt;

**Schedule of Major Project Presentation (Session 2021-22, 8th Semester)**

1 message

Updesh Kumar &lt;updesh.jaiswal@imsec.ac.in&gt;

Mon, Apr 18, 2022 at 1:51 PM

To: it-1-2019-20@googlegroups.com, classit3\_2k18@googlegroups.com, Updesh Kumar &lt;updesh.jaiswal@imsec.ac.in&gt;

Cc: HOD Information Technology &lt;hodit@imsec.ac.in&gt;, Suveg Moudgil &lt;suveg.moudgil@imsec.ac.in&gt;, Pavan Sharma &lt;pavan.sharma@imsec.ac.in&gt;, Amreen Ahmad &lt;amreen.ahmad@imsec.ac.in&gt;, Shubham Vyas &lt;shubham.vyas@imsec.ac.in&gt;, Shilpa Singhal &lt;shilpa.singhal@imsec.ac.in&gt;, Neeraj Kumar Sirohi &lt;neeraj.sirohi@imsec.ac.in&gt;

Dear IT-4th Year Students:

It is informed to all of you that from 19th to 20th April 2022 your Major Project Presentation for the 8th Semester is going to be held in the IT Department of IMSEC. So, each team makes your PPTs to explain your project. You will also run/execute your major project in front of Judges. The Schedule of the Major Project Presentation is attached to this email.

In the end, each team will show their written new research paper (pdf file in double-column format) to their project guide.

*updesh*  
*18-04-22*  
Thanks and Regards:

Updesh Kumar Jaiswal

Assistant Professor, (Project-Coordinator),

Department of Information Technology,

IMS Engineering College, Ghaziabad.

 Major Project Presentation-1 Shedule (Final).xlsx  
20K

# Certificate of Training

## Ayush Tyagi

from IMS Engineering College has successfully completed an 8-week online training on **Ethical Hacking**. In the training, Ayush learned Basics of Information Security, Computer Networking and Web Development, Information Gathering and VAPT of some important vulnerabilities in the OWASP top 10, Automating VAPT, and Documenting and Reporting Vulnerabilities.

We wish Ayush all the best for future endeavours.

A handwritten signature in black ink, appearing to read "Sarvesh".

**Sarvesh Agarwal**

FOUNDER & CEO, INTERNSHALA

Date of certification: 2022-04-11

Certificate no. : 289FF3DA-F326-CD53-0D1D-C93EA4CB310F

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

# Certificate of Training

---

## Priyanshu Sharma

has successfully completed an 8-week online training on **Ethical Hacking**. In the training, Priyanshu learned Basics of Information Security, Computer Networking and Web Development, Information Gathering and VAPT of some important vulnerabilities in the OWASP top 10, Automating VAPT, and Documenting and Reporting Vulnerabilities.

In the final assessment, Priyanshu scored 62% marks.  
We wish Priyanshu all the best for future endeavours.

A handwritten signature in black ink, appearing to read "Sarvesh".

**Sarvesh Agarwal**

FOUNDER & CEO, INTERNSHALA

Date of certification: 2022-04-18      Certificate no. : BB84A45E-DB1E-5CF3-A98A-EE1BE8082BDD  
For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)



**IMS ENGINEERING COLLEGE, GHAZIABAD**

NAAC Accredited & NBA Accredited Programme  
Approved by AICTE, New Delhi & Affiliated to AKTU, Lucknow  
Under the aegis of IMS Society, Ghaziabad



Department of Information Technology  
organizing a seminar on

# AWS Cloud Computing

in association with APPWARS Technologies Pvt Ltd.

Speaker

## Md Tauhid Raza

(AWS Solution Architect Associate)

VENUE: Seminar Hall, A-Block

MONDAY  
**20<sup>th</sup>**  
JUNE 2022

11:00 AM  
to  
1:00 PM



Coordinators

Ms. Priyanka Tyagi, Ms. Prabhjot Kaur

NH-09, Adhyatik Nagar, Distt: Ghaziabad, Uttar Pradesh-201015  
Admission Enquiry: +91-9821396581/82/83 | Landline Number: 0120-4940000 | Whatsapp Number: +91-9821396583  
Toll Free: 1800-102-8393 | Email ID: enquiry@imsec.ac.in | www.imsec.ac.in





**IMS ENGINEERING COLLEGE, GHAZIABAD**  
 NAAC Accredited & NBA Accredited Programme  
 Approved by AICTE, New Delhi & Affiliated to AKTU, Lucknow  
 Under the aegis of IMS Society, Ghaziabad



DEPARTMENT OF INFORMATION TECHNOLOGY  
**TECHNOLOGY CLUB** is organizing

# Workshop by Alumni & Industry Expert

## on Innovation & Emerging Technology

by



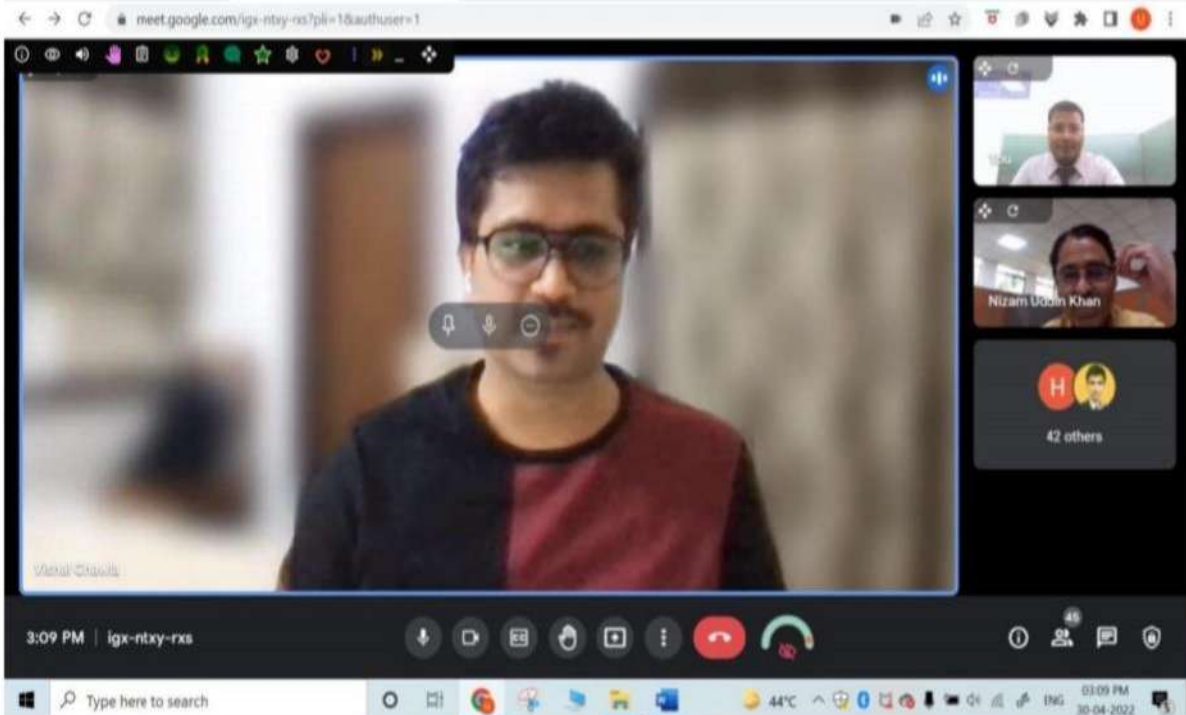
**Mr. Vishal Chawla**  
 IT Department Alumni (2009-2013) Batch.  
 Team Lead & UI Architect,  
 Intuit, Bangalore

**SATURDAY | 3:00-4:00 PM | 30<sup>th</sup> APRIL 2022**

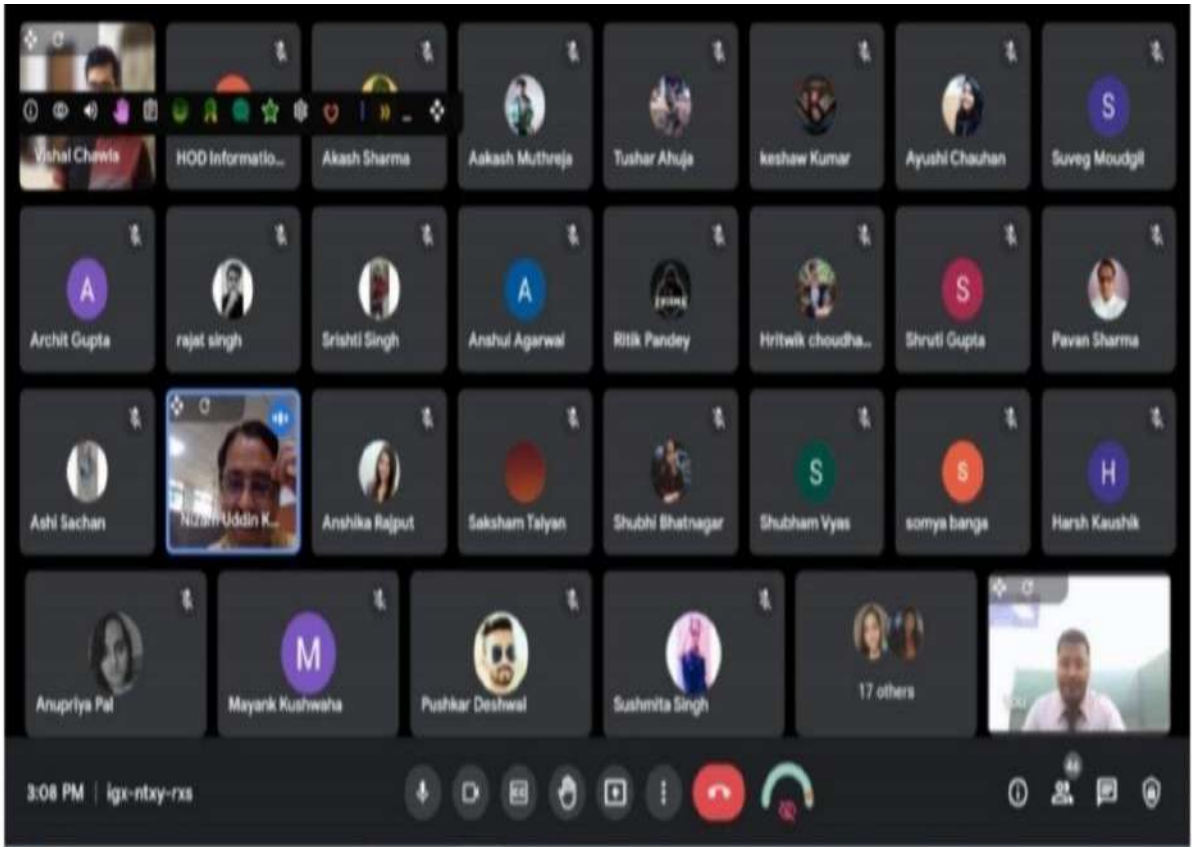
**TOPICS**     **1. Building web apps with React.Js**     **2. Metaverse**

**Coordinator : Mr Updesh Jaiswal**

NH-09, Adhyatik Nagar, Distt: Ghaziabad, Uttar Pradesh-201015  
 Admission Enquiry: +91-9821396581/82/83 | Landline Number: 0120-4940000 | Whatsapp Number: +91-9821396583  
 Toll Free: 1800-102-8393 | Email ID: enquiry@imsec.ac.in | www.imsec.ac.in







# IMS ENGINEERING COLLEGE, GHAZIABAD

## Department of Applied Sciences & Humanities

7<sup>th</sup> May, 2022

Ref. No.: AS&H/May/2022/27

### Winners of Events

Dear Students,

Under students' club "Srajan" following activities were held in the AS&H department on **07.05.2022 (Saturday)** from **10:00am-12:00pm**. The winners are listed below. The certificates will be provided to all the winners and participants in due course of time.

#### **Winners of Aptitude Test held online on 07/05/2022**

S.No.	Section	University Roll No	Name	Total score (20)	Rank
1	D	2101430100030	ANMOL MISHRA	18	1
2	B	21014730100079	Harshit shukla	18	1
3	F	2101430100130	Prateekshit Jaiswal	18	1
4	G	2101430100178	Sumit kashyap	18	1
5	I	2101430540010	Arushi saxena	17	2
6	A	2101430130013	Aryan Agarwal	17	2
7	D	2101430100078	Harsh Sinha	17	2
8	C	2101430130035	MANU TYAGI	17	2
9	B	2101430100110	Mridul Khandelwal	17	2
10	D	2101430130045	Nitin Verma	17	2
11	F	2101430100194	Vatsal pandey	17	2
12	E	2101400100006	Abhay Dwivedi	16	3
13	B	2101430120018	Diksha Singh	16	3
14	A	2101431650021	Mehul kumar	16	3
15	G	2101430100159	SAURABH KUMAR YADAV	16	3

#### **Winners of JAM held online on 07/05/2022**

S.No.	Section	University Roll No	Name	Total score (100)	Rank
1	D	2101430540030	Priya Mishra	59	1
2	B	2101430120067	Vidhi Bhatia	48	2
3	F	2101431650037	Saundarya Gupta	44	3

Dr. Raza Rasool  
Dr. Chetana Sharma  
Dr. Arvind Kumar Sharma  
(Overall Coordinators)

Dr. Pankaj Goel  
(HOD AS&H)

cc: Director Sir

109444

AS&H

**IMS ENGINEERING COLLEGE, GHAZIABAD**  
**Department of Applied Sciences & Humanities**

6<sup>th</sup> May, 2022  
Ref. No.: AS&H/May/2022/26

**Events Notice (1<sup>st</sup> year Students)**

Dear Students,

AS&H Department has formed a new students' club **Srajan**. Under this club, following activities will be held in the AS&H department on **07.05.2022 (Saturday)** from **10:00am-12:00pm**.

S. No.	Event Name	Mode	Event Coordinators	Overall Coordinators
1	Aptitude Quiz (30 questions, 30 minutes)	online	Prof. Tej Singh, , Prof. Pradeep Kumar, Prof. Arvind Kumar	Prof. Raza Rasool, Prof. Arvind Kumar, Prof. Chetana Sharma
2	Poster Making	offline	Prof. Sarita Sharma, Prof. Marya Naim, Prof. Chetana Sharma	
3	Just a Minute (JAM)	offline	Prof. Ravi Shankar Pal, Prof. Kushal Gupta, Prof. Manoj Kumar, Prof. Raza Rasool	

- Note:** 1. All the events will be held in A-block.  
2. For poster making, required accessories have to be carried by student.

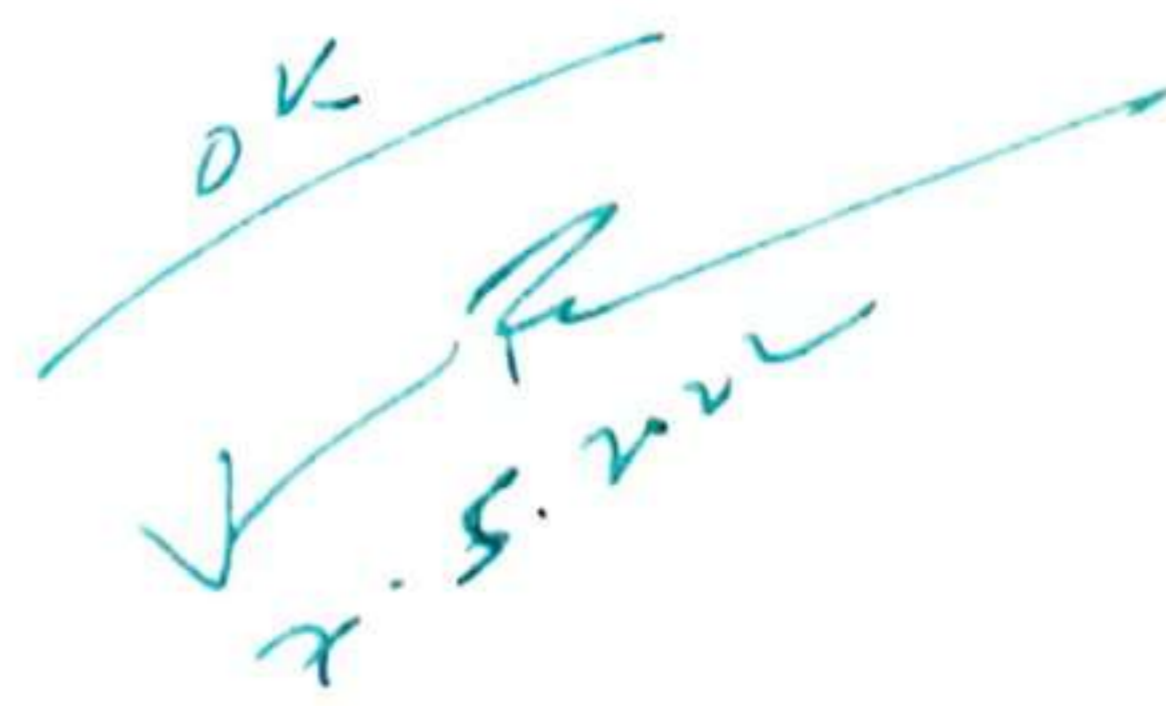
All the students are invited to participate in the event(s) of their interest. To participate in an event, a student has to register using Google form link given below:

<https://forms.gle/K9ZLM2PfcS6nsePL9>

**For any query, you may contact faculty coordinators (preferably through whatsapp).**

  
Dr. Pankaj Goel  
HOD AS&H

**CC: Director Sir (for kind information)**

  
OK  
2.5.22



# IMS Engineering College, Ghaziabad

Department of Computer Science

<b>Subject Name: Digital Electronics</b>	<b>Subject Code: KOE 039</b>
<b>Date of Handover: 04-10-2021</b>	

## Tutorial NO.-3

Q. No.	Question	Mapped CO
1.	Implement the following using decoder: - a. $F1(x, y, z) = \sum m(1, 2, 4, 6)$ b. $F2(x, y, z) = \sum m(6, 7)$	CO2
2.	Implement using 4:1 Mux: - $F(x, y, z) = \sum m(1, 3, 5, 6)$	CO2
3.	Design Octal to Binary encoder.	CO2



# IMS Engineering College, Ghaziabad

Department of Computer Science

<b>Subject Name: Digital Electronics</b>	<b>Subject Code: KOE 039</b>
<b>Date of Handover: 01-10-2021</b>	<b>Date of Submission: 04-10-2021</b>

## ASSIGNMENT NO.-2

Q. No.	Question	Mapped CO
1.	Define the following: (i) Canonical form and standard form. (ii) 2421, BCD, Excess-3 and Gray code	CO1
2.	Simplify the following Boolean functions using K-Map: (iii) $F_1(A, B, C, D) = \Sigma (0, 2, 5, 6, 7, 8, 10)$ (iv) $F_2(W, X, Y, Z) = \Pi (1, 3, 5, 7, 13, 15)$	CO1
3.	Design (Implement using gates) a 4 bit Binary to Gray code converter.	CO1