



**IMS ENGINEERING COLLEGE GHAZIABAD**  
**(YEAR OF ESTABLISHMENT - 2002)**  
**[Approved by AICTE & Affiliated to AKTU, Lucknow]**



**Supporting Document**

**3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year.**

Year	2016	2017	2018	2019	2020
Number of Activities	Nil	3	1	3	2


S. No	Title of the collaborative activity	Name of the collaborating agency with contact details	Year of collaboration	Duration	Page No
1	ML Internship	Antrix Academy of Data Science	2020	3 Months	2-7
2	Internship on Network Management and Ethical Hacking	Netcamp Private Ltd	2020	1 Months	8-14
3	Real Time Project Development	Trinity Mobile App Ltd	2019	1 Year	15-20
4	Mine Analog Research Program (MINAR7)	collaboration between the UK Center for Astrobiology and the Dr APJ Abdul Kalam Technical University, University of Edinburgh, Edinburgh, EH9 3JZ, Telephone: 0044 7921 928716	2019	10th Feb to 17th Feb 2019	21-33
5	Training/project	MINDA NABTESCO AUTOMOTIVE PVT. LTD. Village Naharpur Kasan, P.O. Nakhrola Gurgaon, Haryana-122004	2019	1 Month	34-38
6	Summer Internship	Centum Foundation	2018	2 Months	39-44
7	Internship on High Performance Computing	Aura Emanating Technology Pvt. Ltd, New Delhi	2017	1.5 Month	45-52
8	Internship on Machine Learning	Learnkart Pvt Ltd	2017	1 Month	53-55
9	Training/project	MINDA NABTESCO AUTOMOTIVE PVT. LTD. Village Naharpur Kasan, P.O. Nakhrola Gurgaon, Haryana-122004	2017	1 Month	57-69

# DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

## Online Summer Internship on Machine Learning (Industry partner: Antrix Academy of Data Science) (May-Sep 2020)

### Delivered Contents

- Introduction to Machine Learning
- Python programming & data structures
- Numpy with Python
- Data Handling with Python
- Data Pre-processing with Python
- Data Visualization using Matplotlib Packages
- Regression Analysis
- Classification Algorithms-Logistic Regression, Naive Bayes Classifier, Nearest Neighbour, Support Vector Machines, Decision Trees, Random Forest, Neural Networks.
- Mini project & Research paper
- Unsupervised Algorithms- Clustering and Association
- Computer Vision with Open CV
- Deep Learning with Keras
- Major project & final research paper publication



VALIDATE

### Certificate of Completion


**IMS Engineering College**  
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

THIS IS TO CERTIFY THAT


*Student Name*

Has successfully completed three months of summer internship program  
(May -July 2020) on ' Machine Learning Algorithms with Python '

*Student Name* has also completed a Project Titled  
*Project name*

 **Antrix Academy  
of Data Science**

HOD-CSE  
IMS Engineering College



HOD-Learning  
ANTRIX ACADEMY OF DATA SCIENCE

Cert. No. \_\_\_\_\_

Date : 14<sup>th</sup> October, 2020

### **Memorandum of Understanding**

This Memorandum of Understanding is made between Department of Computer Science & Engineering of IMS Engineering College, Ghaziabad and Antrix Academy of Data Science (a unit of Froyo Technologies Pvt Ltd), Noida.

Now this MOU witnesses as under

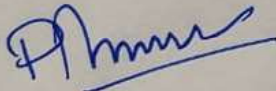
#### 1. Scope of the MOU

Antrix Academy of Data Science in collaboration with Department of Computer Science & Engineering of IMS Engineering College, Ghaziabad will conduct student internships, industrial visits, guest lectureship, projects, placements, research and development, consultancy, workshops.

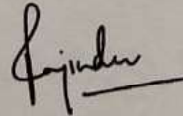
Antrix Academy of Data Science will provide the necessary resource person and the Institute will share the necessary infrastructure for the above activities as applicable.

#### 2. Validity of this MOU

The validity of this MOU will be for One Year from the date of signing. The MOU may be renewed through a new MOU on completion of 1 year on such terms mutually agreed between the parties.



Dr Pankaj Aggarwal  
Head of Department  
Computer Science Engineering  
IMS Engineering College, Ghaziabad



Rajinder Kumar  
Founder & Director  
Antrix Academy of Data Science  
(a unit of Froyo Technologies Pvt Ltd)

Following students have successfully completed 120 hrs Online Machine learning internship during May-Sep 2020.

STUDENT NAME	YEAR
SAURABH SINGH	III
AAKASHSINGH	II
ABHAY AGRAHAR	II
ABHINAV SINGH	II
ABHISHEK GUPTA	II
ACHYUT TIWARI	II
AKSHAT AGRAWAL	II
AMAN GUPTA	III
ANKIT SINGH	III
GAURAV SINGH	III
GULFAZ	II
HIMANSHU VISH	III
HITIK BHARDWAJ	II
KM JYOTI RANI	III
MEGHA KAMBOJ	III
NAMAN GARG	III
NIKITA SHARMA	III
PRAKHAR	III
PULKIT SINGHAL	III
RAHUL PANDEY	III
REWANT PANDEY	III
SHIVAM RAI	III
SUMIT UPADHYA	III
SUPRATEEK HALS	III
VIKRAM SINGH	III
DIGVIJAY KUMAR	III
JAYANKAR AWAS	III
KOPAL DIXIT	II
VIVEK CHANDOLA	III
VISHAL PUNDIR	III
SARTHAK TYAGI	III
GAURAV	III
ANKIT KUMAR	III
SUBHAMMISHRA	III
TANIYA CHAUHAN	II
MANOJ KUMAR	III

SHUBHAM VERMA	II
DIVYANSH KUMAR	III
SOBHIT GARG	III
HIMANSHU MISHRA	III
AMAN KR SINGH	III
HARSH PRATAP	III
ANURAG TIWARI	III
ISHITA	III
JAGRATI	III
MOHIT SHARMA	III
RAGHAV RASTOGI	III
FAIZ AHMED	III
MOHIT AGARWAL	III
SURYAKANT BHARGHAV	III

### *Student Research Publications*

Students worked on real time research projects and published their experimental results through research publications

Name	Year	Paper's title	Publication's name	Volume	Issue	Status	Web Link
SAURABH SINGH	4th	Twitter sentiment Analysis	IJSRCSEIT	Vol-6	Issue-4	Published	<a href="http://ijsrcseit.com/CSEIT206456">http://ijsrcseit.com/CSEIT206456</a>
NIKITA SHARMA	4th	Quality Prediction of Red Wine based on Different Feature Sets Using Machine Learning Techniques	IJSR	Vol-9	Issue-7	Published	<a href="https://www.ijsr.net/get_abstract.php?paper_id=SR20718002904">https://www.ijsr.net/get_abstract.php?paper_id=SR20718002904</a>
MEGHA KAMBOJ	4th	Heart Disease Prediction with Machine Learning Approaches	IJSR	Vol-9	issue-7	Published	<a href="https://www.ijsr.net/get_abstract.php?paper_id=SR20724113128">https://www.ijsr.net/get_abstract.php?paper_id=SR20724113128</a>
AAKASH SINGH	3rd	performance analysis of diabetes prediction by using different machine learning algorithms	IJSR	Vol-9	issue-7	Published	<a href="https://www.ijsr.net/search_index_results_paperid.php?id=SR20722143245">https://www.ijsr.net/search_index_results_paperid.php?id=SR20722143245</a>
ANKIT SINGH	3rd	Prediction of Heart Disease using Machine Learning	IJSRCSEIT	Vol-6	issue-4	Published	<a href="http://ijsrcseit.com/CSEIT206415">http://ijsrcseit.com/CSEIT206415</a>
ABHAY AGRAHARY	3rd	Heart disease prediction using machine learning algorithm	IJSRCSEIT	Vol-6	issue-4	Published	<a href="http://ijsrcseit.com/CSEIT206421">http://ijsrcseit.com/CSEIT206421</a>
MOHIT AGRAWAL	4th	Cancer Prediction Using Machine Learning Algorithm	IJSR	Vol-9	Issue 8	Published	<a href="https://www.ijsr.net/search_index_results_paperid.php?id=SR20801174131">https://www.ijsr.net/search_index_results_paperid.php?id=SR20801174131</a>
JAGRATI SAHU	4th	Fake News Detection using ML Algorithms	IJSR	Vol-9	Issue 8	Published	<a href="https://www.ijsr.net/get_abstract.php?paper_id=SR20720134651">https://www.ijsr.net/get_abstract.php?paper_id=SR20720134651</a>

GAURAV SINGH	4th	Breast Cancer Prediction Using Machine Learning	IJSRCSEIT	Vol-6	Issue-4	Published	<a href="http://ijsrcseit.com/CSEIT206457">http://ijsrcseit.com/CSEIT206457</a>
KM JYOTI RANI	4th	Diabetes prediction using Machine learning	IJSRCSEIT	Vol-6	Issue-4	Published	<a href="http://ijsrcseit.com/PDF.php?pid=CSEIT206463&amp;v=6&amp;i=4&amp;y=2020&amp;m=July-August">http://ijsrcseit.com/PDF.php?pid=CSEIT206463&amp;v=6&amp;i=4&amp;y=2020&amp;m=July-August</a>
ACHYUT TIWARI	3rd	A Data Driven Analysis of a Global Crises(Covid-19)	IJSR	Vol-9	Issue-7	Published	<a href="https://www.ijsr.net/search_index_results_paperid.php?id=SR20722231014">https://www.ijsr.net/search_index_results_paperid.php?id=SR20722231014</a>
SUMIT UPADHYAY	4th	Comparative Analysis of ML regression Algorith on Air Pollution Dataset	IJSRCSEIT	Vol-6	Issue-4	Published	<a href="http://ijsrcseit.com/PDF1.php?v=6&amp;i=4&amp;y=2020&amp;m=July-August">http://ijsrcseit.com/PDF1.php?v=6&amp;i=4&amp;y=2020&amp;m=July-August</a>
SUPRATEEK HALSANA	4th	Air Quality prediction model based on Supervised Machine Learning Algorithms	IJSRCSEIT	Vol-6	Issue-4	Published	<a href="https://doi.org/10.32628/CSEIT206435">https://doi.org/10.32628/CSEIT206435</a>
HIMANSHU VISHWAKARMA	4th	Climate Change Analysis Using Machine Learning	IJSR	Vol-9	Issue-8	Published	<a href="https://www.ijsr.net/get_abstract.php?paper_id=SR20722101621">https://www.ijsr.net/get_abstract.php?paper_id=SR20722101621</a>
DIGVIJAY KUMAR	4th	Cardiovascular Disease Prediction Using Machine Learning	IJSRCSEIT	Vol-7	Issue-5	Published	<a href="https://doi.org/10.32628/CSEIT20659">https://doi.org/10.32628/CSEIT20659</a>
GAURAV SINGH	4th	Breast Cancer Prediction Using Machine Learning	IJSRCSEIT	Vol-6	Issue-4	Published	<a href="https://doi.org/10.32628/CSEIT206457">https://doi.org/10.32628/CSEIT206457</a>
HARSH VARDHAN SINGH	4th	Chronic kidney disease prediction using ML	IJSRCSEIT	Vol-6	Issue-5	Published	<a href="https://doi.org/10.32628/CSEIT20652">https://doi.org/10.32628/CSEIT20652</a>



# Certificate of Completion

**IMS Engineering College**

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

THIS IS TO CERTIFY THAT

*Student Name*

Has successfully completed three months of summer internship program  
(May - July 2020) on 'Machine Learning Algorithms with Python'

*Student Name* has also completed a Project Titled

*Project name*



\_\_\_\_\_  
HOD-CSE  
IMS Engineering College



\_\_\_\_\_  
HOD-Learning  
ANTRIX ACADEMY OF DATA SCIENCE

Cert. No. \_\_\_\_\_



# Netcamp @ IMS Ghaziabad Summer Training 2020

@ are you prepared ...

Join us for a course on

## Cyber Security & Ethical Hacking with Web Development & Android App Development



### Course Highlights:

- 🕒 100% hands-on lab exercises
- 🕒 100 hrs Summer Training
- 📄 3 Certificates with 2 Live Projects
- 🕒 Cyber Crime Cases - Countermeasures

Netcamp will conduct 1 month (100 hrs) Summer Training for IMSEC Students.

For registration visit

<https://www.netcamp.in>

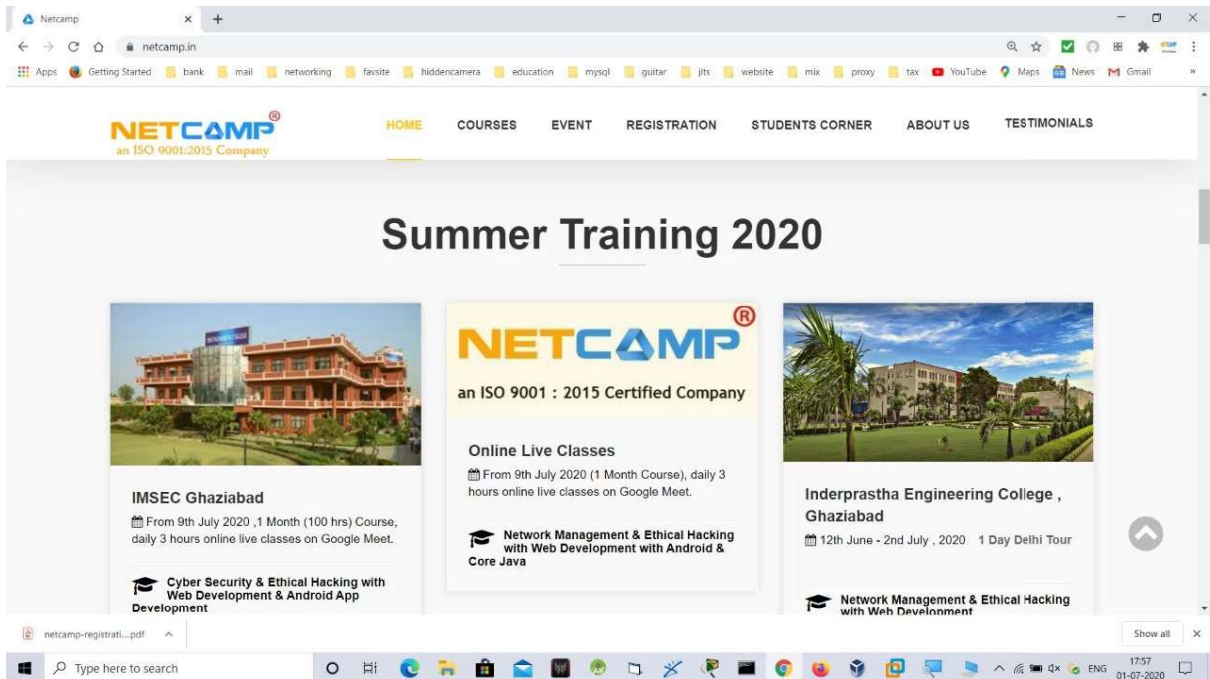
Daily 3 hours (From 10 am to 1 pm) online live classes on Google Meet.

Course will start from 9<sup>th</sup> July, 2020 for other details call/whats app @ 93310 90003

Course fee: Rs 2000. 2 live projects (Web Development+ Android) with 3 certificates (1 for Cyber Security and Ethical Hacking , 1 for Android App Development , 1 for Web Development )



[www.netcamp.in](http://www.netcamp.in)







उत्तर प्रदेश UTTAR PRADESH

&

67AC 418023

**Netcamp Solutions Private Limited**

**This MEMORANDUM OF UNDERSTANDING** (hereinafter referred to as MOU) is made on 27<sup>th</sup> April 2015 between **IMS Engineering College**, Ghaziabad incorporated under the laws of India and having its registered office at NH-24, Adhyamik Nagar, Near Dasna, Ghaziabad, and Uttar Pradesh-201009, hereinafter referred as "**INSTITUTE**"

AND

Netcamp Solutions Private Limited P-130, Jadunath Sarkar (Lake Terrace) Road, Kolkata-700029

We would like to take this opportunity to introduce ourselves as Netcamp Solutions Private Limited.

We are a Kolkata based Network Education Company, & conduct various network management certificate programs in partnership with several institutions under Netcamp programs.

We have successfully conducted network management program with the following institutes -

- Indian Institute of Technology, Patna (IITP)
- MNNIT Allahabad
- NIT Patna
- Birla Institute of Technology, Mesra, Ranchi
- Birla Institute of Technology, Extension Centre, Patna
- IMS Engineering College, Ghaziabad and many more.

NETCAMP SOLUTIONS PRIVATE LIMITED

*Sanku Prakash*

Director

*Pradyumn*  
9/6/15  
Professor & Head  
Department of Computer Sc.  
I.M.S. Engineering College  
Ghaziabad

**Netcamp Solutions Private Limited**  
 CIN - U74900WB2013PTC193456  
 P-130, Jadunath Sarkar  
 (Lake Terrace) Road,  
 Kolkata-700029  
 www.netcamp.in



The parties wish to enter into an agreement, for students, in conducting a similar training program on Network Management at IMSEC

Netcamp will do the following:

- a. Shall conduct professional Network Management Training of 90 hrs
- b. Necessary software for the lab classes will be provided by Netcamp
- c. Netcamp will conduct regular tests to evaluate Participant's progress on a day to day basis. Test includes time bound individual and group lab test along with theory and a final project. Two training certificates to be issued to each student (one for completion of the training program and the other for the successful completion of the project). Top 5/10 students will be given an additional certificate

The parties have entered into this **MOU** to strengthen **Industry-Academia Interface** & develop Industry oriented technical skills among students & faculty.

**Now therefore both the parties hereby agree as follows:**

- 1.1. **Netcamp** will conduct training program on Network Management and Ethical Hacking with Web Development from 26<sup>th</sup> May 2015 to 9<sup>th</sup> June 2015 in IMSEC
- 1.2. The **INSTITUTE** in collaboration with **Netcamp** will work together by promoting industry oriented learning & skill development of students through self developed programs & courses.
- 1.3. Netcamp will provide necessary resources & help the students for industry oriented program.
- 1.4 **Course fee:** Certificate in Network Management and Ethical Hacking with Web Development (Includes Information Security and countermeasures for hacking) Rs.3000/- per student  
 \*\*\* 10% of the total training amount will paid to IMSEC for infrastructure use
- 1.5 **Netcamp** will share the expertise on latest IT technologies amongst students of IMSEC for developing industry oriented projects.
- 1.6 Both the partners will work in the direction of organizing IT related conferences to provide a platform for technocrats from various industries to share their expertise & contributions.
- 1.7 Both the partners will work together towards the all round development of students & employees of both the companies through knowledge sharing.

**FOR NETCAMP SOLUTIONS PVT LTD**

NETCAMP SOLUTIONS PRIVATE LIMITED

*Santu Purkait*  
 Director

**Santu Purkait (Director)**

**FOR IMS ENGINEERING COLLEGE**

Professor & HOD  
 Department of Computer Sc.  
 I.M.S. Engineering College  
 Ghaziabad

*Dr. Pankaj Agarwal*  
 8/15/15  
**Dr.Pankaj Agarwal (HOD-CSE)**

## Batch-A

S.No	First Name	Middle Name	Last Name	Email	Gender
1	TANISHKA		YADAV	tanishkayadav93@gmail.com	Female
2	DEEPENDRA	PRATAP	SINGH	deependrapratapsingh855@gmail.com	Male
3	RIYA		MALIK	riyamalik2908@gmail.com	Female
4	SAKSHI		VARSHNEY	abcsakshivarshney7668@gmail.com	Female
5	BRIJENDRA		SHUKLA	shuklabrijendra17@gmail.com	Male
6	KM.ASHU		SHARMA	ashusharmabsr471@gmail.com	Female
7	DIVYANSH		RASTOGI	2482divyansh@gmail.com	Male
8	RITESH	KUMAR	GAUTAM	riteshgautam909@gmail	Male
9	TANYA		GUPTA	Anuraggupta8938@gmaio.com	Female

10	BHAWANA		Sharma	bhawnasharma21032001@gmail.com	Female
11	SHIVANG		Gautam	shivanggautam40@gmail.com	Male
12	MOHINI	MOHINI	Singhal	mohinisinghal0410@gmail.com	Female
13	SONALI		Srivastava	sonalisrivastava8989@gmail.com	Female
14	ISHIKA		Sharma	ishash2310@gmail.com	Female

## Batch-B

S.No	First Name	Last Name	Email	Gender	Department
1	ABHISHEK	SINGH	pabhisheksingh16@gmail.com	Male	CSE
2	ANKIT	YADAV	ankitkumaryadav230@gmail.com	Male	Computer Science
3	ANURAG	TIWARI	anuragtiwari117@gmail.com	Male	Information Technology
4	ARCHIT	SINGH	architsingh619@gmail.com	Male	CSE
5	ARUN	SHISHODIA	coolarunshishodia@gmail.com	Male	CSE
6	DIPALI	SINGH	golu.dipalisingh@gmail.com	Female	Computer science and engineering
7	FAIZAN	ALI	faizanchoudhary672@gmail.com	Male	Computer Science
8	ISHITA	VERMA	ishitav34@gmal.com	Female	CSE
9	JATIN	SRIVASTAVA	mejrsinc@gmail.com	Male	CSE
10	JAYANKAR	AWASTHI	jayankarawasthi@gmail.com	Male	Cse
11	KSHITIJ	SINGH	singhkshtij210@gmail.com	Male	Computer Science
12	LOVE	VARSHNEY	lovevarshney.166@gmail.com	Male	IT
13	MANSI	MANU	2299mansimanu02@gmail.com	Female	CSE
14	MUDITH	UPADHYAY	upadhyay.mudith09@gmail.com	Male	Computer science and engineering
15	MUKHAR	BAJPAI	mukharbajpai@gmail.com	Male	CSE
16	NEELAM	YADAV	nilu.041997@gmail.com	Female	CSE
17	NIRBHAY	SINGH	singhnirbhayneo@gmail.com	Male	Cse
18	PRABHAT	GUPTA	gprabhat1603@gmail.com	Male	Computer science
19	PRIYANSHI	JINDAL	priyanshi.jindal30@gmail.com	Female	CSE
20	RAHUL	SINGH	rahulsinghsgcl@gmail.com	Male	computer science
21	RAHUL	RAJ	rajr0965@gmail.com	Male	Computer science and engineering
22	RAJ	SARRAF	nandinisarraf91@gmail.com	Female	CSE

23	RAJRISHI	SRIVASTAV A	rajrishisrivastav@gmail.com	Male	Computer Science
24	RIYA	TIWARI	riyatiwari.rt8@gmail.com	Female	Computer science
25	SACHIN	AGRAWAL	sachinag2001@gmail.com	Male	cse
26	SACHIN	KUMAR	sachin700kumar@gmail.com	Male	CSE
27	SARVENDU	PANDEY	sarvendupandey3799@gmail.com	Male	Computer science
28	SARVESH	SINGH	sarveshsingh92754@gmail.com	Male	CSE
29	SHAGUN	SINGH	shagun14230@gmail.com	Female	Cse
30	SHIKHAR	YADAV	shikhar0428@gmail.com	Male	Computer Science and Engineering
31	SHIVANGI	AGARWAL	itsshivangi12@gmail.com	Female	CSE
32	SPARSH	GOEL	sg.sparsh.goel1999@gmail.com	Male	Computer Science and Engineering
33	SUMIT	KUMAR	sumit963936431@gmail.com	Select	Computer science engineering
34	SUYASH	YADAV	suyashky@gmail.com	Male	Computer Science
35	TARUSHI	MALIK	tarushimalik3891@gmail.com	Female	Computer science and engineering
36	VASVI	JAIN	vasvijain1707@gmail.com	Female	Cse
37	VEDANT	SINGH	vatbhadauria@gmail.com	Male	CSE
38	VISHAL	GOEL	vishalgoel130899@gmail.com	Male	CSE
39	YUKTA	SAHU	yukta.sahu15@gmail.com	Female	Computer Science
40	AKSHAY		aryaakshay983@gmail.com	Male	IT
41	FAIZ	KHAN	faiz.hayaat@gmail.com	Male	CSE
42	IFRA	KHAN	ifrakhan1200@gmail.com	Female	CSE
43	JAY	SHARMA	Jayshines98@gmail.com	Male	cse
44	SARVENDRA	MANI TRIPATHI	sarvendra99@gmail.com	Male	cse
45	SHIVAM	MAURYA	shivammaurya097@gmail.com	Male	cse
46	SHOBIT	AGARWAL	Shobhitagarwal1424@gmail.com	Male	cse
47	SIDDHANT	SACHAN	Siddhantsachan16@gmail.com	Male	cse
48	VINEET	KUMAR	vineetkumarv8@gmail.com	Male	CSE

# Certificate in Android with Core Java

[www.netcamp.in](http://www.netcamp.in)

**NETCAMP**<sup>®</sup>



NSPL/24/20/131

This is to certify that

**Ifra Khan**

has demonstrated an understanding of the solutions and technologies covered in the Certificate in Android with Core Java course and has successfully completed the training programme held during 1<sup>st</sup> June 2020 - 31<sup>st</sup> July 2020

Santu Purkait  
Director  
Netcamp Solutions Private Limited

# Certificate of Industrial Training

[www.netcamp.in](http://www.netcamp.in)

**NETCAMP**<sup>®</sup>



NSPL/22-24/20/73

This is to certify that

**Ifra Khan**

has successfully completed Industrial Training on Network Management with our company during 1<sup>st</sup> June 2020 - 31<sup>st</sup> July 2020

Santu Purkait  
Director  
Netcamp Solutions Private Limited

# Certificate in Network Management

[www.netcamp.in](http://www.netcamp.in)

**NETCAMP**<sup>®</sup>



NSPL/22/20/73

This is to certify that

**Ifra Khan**

has demonstrated an understanding of the solutions and technologies covered in the Certificate in Network Management course and has successfully completed the training programme held during 1<sup>st</sup> June 2020 - 31<sup>st</sup> July 2020

A handwritten signature in black ink, appearing to read "SANTU", written over a light grey rectangular background.

**Santu Purkait**  
Director  
Netcamp Solutions Private Limited



# Trinity Mobile App Lab Pvt Ltd

## Memorandum of Understanding

Between



(IMS Engineering College, Ghaziabad)

And

(Trinity Mobile App Lab Pvt.Ltd)

This Memorandum of Understanding (herein after referred to as MoU) is entered into on the 2nd day of Jan, 2019 by and between Computer Science & Engineering , under (IMS Engineering College), (Ghaziabad) herein referred to as IMSEC, and Montage Services located at Trinity Mobile App Lab Pvt Ltd.

As a part of the agreement, Trinity Mobile App Lab Pvt Ltd will extend opportunities to selected students to work on innovative mobile app based projects with commercial aspect. Trinity Mobile App Lab Pvt Ltd will extend this opportunity for the students as a under social responsibility towards society .

Trinity Mobile App Lab Pvt is also keen to establish an off-shore software development Centre under the name "Trinity Mobile App-Development Extension Center" at IMS Engineering College campus.

### Objectives & Functional Responsibilities

1. Students will be given regular opportunities to work on smart & innovative mobile applications with commercial aspect.
2. Students will be treated as project interns during the making of the project.
3. Students will also receive work experience letter from Trinity & appreciation letter from the department
4. The company will associate one employee as team leader with each student group working on a project.
5. The project coordinator will avail all the technical specifications & associated documents to each team member.



## Trinity Mobile App Lab Pvt Ltd

### Period of Validity

This agreement shall be initially valid for one year from the date of signing the agreement and to be renewed subsequently by mutual consent of both the parties.

Following projects have been identified & allocated to student groups for the session 2018-19

1	Map view dashboard
2	Project Governance
3	Field force automation
4	Smart City
5	Visitor Management System
6	Survey Management System

On behalf of  
IMS Engineering College

on behalf of  
Trinity Mobile App Lab Pvt Ltd  
For Trinity Mobile App Lab Private Limited

Authorised Signatory

NAME OF STUDENT	Yr.	SKILLS	GR P.	Assigned Project
TANYA GOEL	3rd	Android	9	Attendance through Face Recognition
YASH BANSAL	3rd	C/c++	9	Attendance through Face Recognition
VISHAL SHARMA	3rd	Python	9	Attendance through Face Recognition
TRIPTI GUPTA	3rd	Java	9	Attendance through Face Recognition
HARSHIT GUPTA	3rd	Java	5	Cab Management System
HIMANSHU KUSHWAHA	3rd	Pyton, Angular	5	Cab Management System
UJJWAL KUMAR	3rd	Android	5	Cab Management System
VAISHALI GUPTA	3rd	HTML, CSS, Javascript, Java	5	Cab Management System
DEEPAK JAIN	3rd	Python	4	Client Management System



ASHUTOSH SINGH	3rd	Python	4	Client Management System
ASTHA SINGH	3rd	Android, Java	4	Client Management System
BHARAT .	3rd	Java	4	Client Management System
YASH GUPTA	3rd	Python, C++, Android, Java basic	10	Code Monitoring System
VARTIKA SINGH	3rd	Python, Java (core)	10	Code Monitoring System
YASH RAJ TRIPATHI	3rd	Java, HTML	10	Code Monitoring System
PRASHANT KUMAR	3rd	Python	10	Code Monitoring System
AKAANKSHA GUPTA	3rd	Java	7	Live Reporting
DIVYANSH SHEKHAR GAUR	3rd	Android, Java, Python	7	Live Reporting
NIKHIL SHARMA	3rd	Python	7	Live Reporting
KAMAL SINGH BISHT	3rd	Python	2	Smart City
MUBEEN HAIDER	3rd	Java	2	Smart City
OMPRAKASH DWIVEDI	3rd	Java	2	Smart City
ARPIT JAIN	3rd	C++,PHP. Python	2	Smart City
LOVE AGGARWAL	3rd	HTML, CSS, Python, C++	2	Smart City
ROHAN SINGHAL	3rd	Web Technology	3	Tower Management System
TEJAS GUPTA	3rd	N/A	3	Tower Management System
PRASHANT SHARMA	3rd	Java	1	Visitor Management System
SUJATA MISHRA	3rd	Android	1	Visitor Management System
SAMRIDDHI SRIVASTAVA	3rd	HTML, CSS, PHP, Javascript, Java	1	Visitor Management System
DIVYANSH DIXIT	3rd	HTML, PHP, Javascript	1	Visitor Management System



## Divyansh Shekhar Gaur-



Working with Trinity App Lab was an amazing experience.

I got to work in a professional environment where I got to hone my skills and use them to develop out of the box solutions.

Under excellent guidance of Ayush Sir, Nikhil Sir and Neelam Ma'am, I learned how professional software development is carried out.

I hope that this first-time industry experience of mine shall prove to be of exceptional value in the coming future.

## **Akaanksha Gupta**



It was a great learning experience, working with Trinity App Lab. I got a good exposure to learn, work professionally. It gave me an insight of how things are done in corporate world and how to deal with a project. Their team pushed us to brainstorm and find solutions to problems, discuss on different ideas regarding future scope of project, problems faced by users, etc.

## **Mimansha Singh**



It was an immense pleasure working with the Trinity App Lab. I got to learn a lot from the mentors of the company. They guided us through our difficulties and helped us solve our problem. I learned about professionalism and technicality.

overall it proved to be very beneficial to work with them.

## **Nikhil Sharma**



It was very amazing to be a part of trinity. I feel very lucky that I got an opportunity to work with Trinity. Working under the guidance of Ayush Sir, Nikhil Sir and Neelam ma'am was superb. Whenever we have any problem regarding our project, we were allowed to directly contact them, which is a great thing. Being a fresher I learned many special things which will help us in our career.



THE UNIVERSITY of EDINBURGH



Charles Cockell,  
School of Physics and Astronomy,  
James Clerk Maxwell Building,  
The King's Buildings,  
University of Edinburgh,  
Edinburgh, EH9 3JZ

January 10, 2019

**To whom it may concern: Satyam Pratap Singh**

This letter is to invite Satyam Pratap Singh of the Dr APJ Abdul Kalam Technical University, Lucknow, Uttar Pradesh India to attend MINAR7 in the UK.

The Mine Analog Research Program (MINAR) will run from February 10 to 20<sup>th</sup> and will involve scientific collaboration and technology testing at the Boulby Mine. The work will focus on science and technology for the human exploration of Mars and builds on a strong collaboration between the UK Center for Astrobiology and the Dr APJ Abdul Kalam Technical University. We are very honoured to have the involvement of the Dr APJ Abdul Kalam Technical University and the work carried out will be vital for the success of the program.

This letter is to support the visa application and travel plans for attendance at MINAR 7.

All accommodation in the UK will be arranged by the UK Center for Astrobiology. The participant will be staying at the Bagdale Hotel in Whitby UK (address: 1 Bagdale, Whitby YO21 1QL, UK).

Please also note that the applicant named above will bring equipment with them for the program which will be returned to India after the program of testing. This equipment is listed overleaf.

Yours Sincerely,

Charles Cockell  
Email: [c.s.cockell@ed.ac.uk](mailto:c.s.cockell@ed.ac.uk)  
Telephone: 0044 7921 928716



THE UNIVERSITY of EDINBURGH



Charles Cockell,  
School of Physics and Astronomy,  
James Clerk Maxwell Building,  
The King's Buildings,  
University of Edinburgh,  
Edinburgh, EH93JZ

January 10, 2019

**To whom it may concern: Miss Haritima Chaturvedi**

This letter is to invite Miss Haritima Chaturvedi of the Dr APJ Abdul Kalam Technical University, Lucknow, Uttar Pradesh, India to attend MINAR 7 in the UK

The Mine Analog Research Program (MINAR) will run from February 10 to 20<sup>th</sup> and will involve scientific collaboration and technology testing at the Boulby Mine. The work will focus on science and technology for the human exploration of Mars and builds on a strong collaboration between the UK Center for Astrobiology and the Dr APJ Abdul Kalam Technical University. We are very honoured to have the involvement of the Dr APJ Abdul Kalam Technical University and the work carried out will be vital for the success of the program.

This letter is to support the visa application and travel plans for attendance at MINAR7.

All accommodation in the UK will be arranged by the UK Center for Astrobiology. The participant will be staying at the Bagdale Hotel in Whitby UK (address: 1 Bagdale, Whitby YO211QL, UK).

Please also note that the applicant named above will bring equipment with them for the program which will be returned to India after the program of testing.

Yours Sincerely,

Charles Cockell  
Email: [c.s.cockell@ed.ac.uk](mailto:c.s.cockell@ed.ac.uk)  
Telephone: 0044 7921 928716



THE UNIVERSITY of EDINBURGH



Charles Cockell,  
School of Physics and Astronomy,  
James Clerk Maxwell Building,  
The King's Buildings,  
University of Edinburgh,  
Edinburgh, EH9 3JZ

January 10, 2019

**To whom it may concern: Miss Roli Singh**

This letter is to invite Miss Roli Singh of the Dr. APJ Abdul Kalam Technical University, Lucknow, Uttar Pradesh India to attend MINAR 7 in the UK.

The Mine Analog Research Program (MINAR) will run from February 10 to 20<sup>th</sup> and will involve scientific collaboration and technology testing at the Boulby Mine. The work will focus on science and technology for the human exploration of Mars and builds on a strong collaboration between the UK Center for Astrobiology and the Dr APJ Abdul Kalam Technical University. We are very honoured to have the involvement of the Dr APJ Abdul Kalam Technical University and the work carried out will be vital for the success of the program.

This letter is to support the visa application and travel plans for attendance at MINAR 7.

All accommodation in the UK will be arranged by the UK Center for Astrobiology. The participant will be staying at the Bagdale Hotel in Whitby UK (address: 1 Bagdale, Whitby YO211QL, UK).

Please also note that the applicant named above will bring equipment with them for the program which will be returned to India after the program of testing.

Yours Sincerely,

Charles Cockell  
Email: [c.s.cockell@ed.ac.uk](mailto:c.s.cockell@ed.ac.uk)  
Telephone: 0044 7921 928716



THE UNIVERSITY of EDINBURGH



Charles Cockell,  
School of Physics and Astronomy,  
James Clerk Maxwell Building,  
The King's Buildings,  
University of Edinburgh,  
Edinburgh, EH9 3JZ

January 10, 2019

**To whom it may concern: Mr. Shubham Choudhary**

This letter is to invite Mr. Shubham Choudhary of the Dr APJ Abdul Kalam Technical University, Lucknow, Uttar Pradesh, India to attend MINAR7 in the UK.

The Mine Analog Research Program (MINAR) will run from February 10 to 20<sup>th</sup> and will involve scientific collaboration and technology testing at the Boulby Mine. The work will focus on science and technology for the human exploration of Mars and builds on a strong collaboration between the UK Center for Astrobiology and the Dr APJ Abdul Kalam Technical University. We are very honoured to have the involvement of the Dr APJ Abdul Kalam Technical University and the work carried out will be vital for the success of the program.

This letter is to support the visa application and travel plans for attendance at MINAR 7.

All accommodation in the UK will be arranged by the UK Center for Astrobiology. The participant will be staying at the Bagdale Hotel in Whitby UK (address: 1 Bagdale, Whitby YO21 1QL, UK).

Please also note that the applicant named above will bring equipment with them for the program which will be returned to India after the program of testing.

Yours Sincerely,

Charles Cockell  
Email: [c.s.cockell@ed.ac.uk](mailto:c.s.cockell@ed.ac.uk)  
Telephone: 0044 7921 928716





THE UNIVERSITY of EDINBURGH



Charles Cockell,  
School of Physics and Astronomy,  
James Clerk Maxwell Building,  
The King's Buildings,  
University of Edinburgh,  
Edinburgh, EH9 3JZ

January 10, 2019

**To whom it may concern: Mr. Gaurav Singh**

This letter is to invite Mr. Gaurav Singh of the Dr APJ Abdul Kalam Technical University, Lucknow, Uttar Pradesh India to attend MINAR 7 in the UK.

The Mine Analog Research Program (MINAR) will run from February 10 to 20<sup>th</sup> and will involve scientific collaboration and technology testing at the Boulby Mine. The work will focus on science and technology for the human exploration of Mars and builds on a strong collaboration between the UK Center for Astrobiology and the Dr APJ Abdul Kalam Technical University. We are very honoured to have the involvement of the Dr APJ Abdul Kalam Technical University and the work carried out will be vital for the success of the program.

This letter is to support the visa application and travel plans for attendance at MINAR 7.

All accommodation in the UK will be arranged by the UK Center for Astrobiology. The participant will be staying at the Bagdale Hotel in Whitby UK (address: 1 Bagdale, Whitby YO211QL, UK).

Please also note that the applicant named above will bring equipment with them for the program which will be returned to India after the program of testing.

Yours Sincerely,

Charles Cockell  
Email: [c.s.cockell@ed.ac.uk](mailto:c.s.cockell@ed.ac.uk)  
Telephone: 0044 7921 928716

KALAM  
CENTRE



## CERTIFICATE OF APPRECIATION

This certificate is presented to

**Satyam Pratap Singh**

for participating in the MINAR-7 team under  
UKCA-KC Mars Mission India.

  
Authorised Signatory

SHOT ON MI AT  
MI DUAL CAMERA



# CERTIFICATE OF APPRECIATION

This certificate is presented to

**Haritima Chaturvedi**

for participating in the MINAR-7 team under  
UKCA-KC Mars Mission India.

Authorised Signatory



## CERTIFICATE OF APPRECIATION

This certificate is presented to

**Roli Singh**

---

for participating in the MINAR-7 team under  
UKCA-KC Mars Mission India.

*Singh*  
Authorised Signatory



## CERTIFICATE OF APPRECIATION

This certificate is presented to

**Shubham Choudhary**

for participating in the MINAR-7 team under  
UKCA-KC Mars Mission India.

A handwritten signature in blue ink, appearing to read "Srijan".

Authorised Signatory











11/6/2020

IMS Engineering College Mail - Fwd: Requirement -B.Tech/BE(Mech.) ,Minda Nabtesco Automotive Pvt. Ltd.



Bibeka Nand Pathak <bn.pathak@imsec.ac.in>

---

**Fwd: Requirement -B.Tech/BE(Mech.) ,Minda Nabtesco Automotive Pvt. Ltd.**

2 messages

---

V.K. Saini <vk.saini@imsec.ac.in>  
To: Bibeka Nand Pathak <bn.pathak@imsec.ac.in>

Fri, Nov 6, 2020 at 3:52 PM

Dr. V.K. Saini  
Professor and Head  
Department of Mechanical Engineering  
IMS Engineering College, Ghaziabad (UP)  
0120-4940000 (Ext: 827),  
Mb. 9873182304

----- Forwarded message -----

From: **Preeti Chauhan** <pchauhan@mindagroup.com>  
Date: Mon, Dec 10, 2018 at 12:57 PM  
Subject: Requirement -B.Tech/BE(Mech.) ,Minda Nabtesco Automotive Pvt. Ltd.  
To: V.K. Saini <vk.saini@imsec.ac.in>

Dear Sir ,

Good Day!!!

Hope you are doing well, I am sharing this mail regarding new batches for Jan'2019 for B.Tech/BE(Mech) students.

Request you to pls. share students details with their academics percentage (10<sup>th</sup>/12<sup>th</sup>/Professional).

If any query feel free to contact.

Regards,

Preeti Chauhan

HRM – Minda Nabtesco Automotive Pvt. Ltd.

Contact No: 9050080475



---

V.K. Saini <vk.saini@imsec.ac.in>  
To: Bibeka Nand Pathak <bn.pathak@imsec.ac.in>

Fri, Nov 6, 2020 at 3:53 PM

Dr. V.K. Saini  
Professor and Head  
Department of Mechanical Engineering  
IMS Engineering College, Ghaziabad (UP)  
0120-4940000 (Ext: 827),  
Mb. 9873182304

----- Forwarded message -----

From: **Preeti Chauhan** <pchauhan@mindagroup.com>  
Date: Mon, Jan 14, 2019 at 1:22 PM  
Subject: FW: Requirement -B.Tech/BE(Mech.) ,Minda Nabtesco Automotive Pvt. Ltd.  
To: V.K. Saini <vk.saini@imsec.ac.in>

Dear Sir,

11/6/2020

IMS Engineering College Mail - Fwd: Requirement -B.Tech/BE(Mech.) ,Minda Nabtesco Automotive Pvt. Ltd.

Good Day!!!

With ref. on PI dated 8<sup>th</sup> Jan, we have selected four students from your college, names mentioned below:

Upanshu Pandey(ECE)

Anurddh Pratap (ECE)

Ravi Bisht ( Mechanical)

Yashvika Singh ( Mechanical)

Pls. inform to all selected candidates ,they will join us from 1<sup>st</sup> feb'19.

Kindly note we will require these candidate for Six months as trainee, after completion of training they will be confirmed as GET for one year, after completion of one year they will be promoted as Sr. Executive.

: During this tenure their stipend will be :

Trainee ( Six months) : 10

Get (One Year) : 3+ LPA

Sr. Executive : 4 LPA.

Pls. feel free to contact ,if any query.

Regards,

Preeti Chauhan

**From:** V.K. Saini [mailto:vk.saini@imsec.ac.in]

**Sent:** Friday, January 04, 2019 7:33 PM

**To:** Preeti Chauhan

**Cc:** amitsrivastava@mindagroup.com

**Subject:** Re: Requirement -B.Tech/BE(Mech.) ,Minda Nabtesco Automotive Pvt. Ltd.

Thanks for confirming the date, Undermentioned Engineering students will report at 11 am on 8th Jan 19.

#### List of candidates of Mechanical Engineering

Sl. No	Name	Email_id	Contact_self	10th %	12th%	B.Tech%	Gender
1	PROPRAKASH YADAV	<a href="mailto:propakash.imsec@gmail.com">propakash.imsec@gmail.com</a>	9582571192	84.67	85	80.34	Male
2	YASHVIKA SINGH	<a href="mailto:yashvikasingh2810@gmail.com">yashvikasingh2810@gmail.com</a>	9718421485	91.2	84.6	80.2	Female
3	AMRIT RAJ	<a href="mailto:rajamrit550@gmail.com">rajamrit550@gmail.com</a>	8002857073	76.33	79.2	79.38	Male
4	SAURABH SINGH	<a href="mailto:saurabhsingh44d@gmail.com">saurabhsingh44d@gmail.com</a>	9455232565	89.4	79	79.13	Male
5	NILESH TIWARI	<a href="mailto:getnileshtiwari97@gmail.com">getnileshtiwari97@gmail.com</a>	7905725916	CGPA 9.0	78.2	78.4	Male
6	RAVI PRAKASH VERMA	<a href="mailto:ravicps95@gmail.com">ravicps95@gmail.com</a>	9621303386	70.3	80	78.16	Male
7	RAVI BISHT	<a href="mailto:Bisht271@gmail.com">Bisht271@gmail.com</a>	9675766033	95	85.6	77.78	Male

11/6/2020

IMS Engineering College Mail - Fwd: Requirement -B.Tech/BE(Mech.) ,Minda Nabtesco Automotive Pvt. Ltd.

8	MOHD TARIQUE REHMAN	<a href="mailto:shobhirehman786@gmail.com">shobhirehman786@gmail.com</a>	7599074422	83.6	78.8	77.2	Male
9	NIDHI SINGH	<a href="mailto:nidhirk02@gmail.com">nidhirk02@gmail.com</a>	8010578053	81.66	80.33	77	Female
10	JAGDISH DHUSSA	<a href="mailto:jeetdhussa297@gmail.com">jeetdhussa297@gmail.com</a>	7906618386	91.2	80	77	Male
11	RAHUL SHUKLA	<a href="mailto:rahul1shukla23@gmail.com">rahul1shukla23@gmail.com</a>	8744014385	77.8	86.8	76.88	Male
12	SACHIN KESHARWANI	<a href="mailto:sachinn1996@gmail.com">sachinn1996@gmail.com</a>	9911256810	83.6	87.6	76.6	Male
13	HIMANSHU JHA	<a href="mailto:himanshujha126@gmail.com">himanshujha126@gmail.com</a>	8410866106	86.17	83.6	76.52	Male
14	RAJAT YADAV	<a href="mailto:yrajat454@gmail.com">yrajat454@gmail.com</a>	9457761676	83.6	74.2	76.50	Male
15	SANJEEV GARG	<a href="mailto:gargs5900@gmail.com">gargs5900@gmail.com</a>	9557256076	87.4	85.6	75.67	Male

**List of candidates of Electronics and Communication Engineering**

Sl. No	Name	Email_id	Contact_self	10th %	12th%	B.Tech%	Gender
1	Rajwant Pandey	<a href="mailto:rrajwantpandey@gmail.com">rrajwantpandey@gmail.com</a>	9454531265	74	70	70	Male
2	Shruti Sachan	<a href="mailto:sachan.sh16@gmail.com">sachan.sh16@gmail.com</a>	9717031291	82	87	75	Female
3	Upanshu Pandey	<a href="mailto:uupanshupandey@gmail.com">uupanshupandey@gmail.com</a>	7983910018	95	89.2	76	Male
4	Anruddh Pratap Upadhyay	<a href="mailto:annu222upadhyay@gmail.com">annu222upadhyay@gmail.com</a>	9597812074	85.2	87.8	71.3	Male
5	Mani Varshney	<a href="mailto:manivarshney201297@gmail.com">manivarshney201297@gmail.com</a>	8743048040	82	77	77	Male

Regards

Dr. V.K. Saini

Professor

Department of Mechanical Engineering  
IMS Engineering College, Ghaziabad (UP)

On Thu, Jan 3, 2019 at 4:44 PM Preeti Chauhan <[pchauhan@mindagroup.com](mailto:pchauhan@mindagroup.com)> wrote:

Dear Sir,

Good Evening!!!

As discussed with you, 8<sup>th</sup> of Jan is confirmed from our side.

Pls. communicate to all students to reach here 11:00 AM.

Address: Minda Nabtesco Automotive Pvt. Ltd.

Plot No -191, Sector – 8, IMT Manesar, Gurgaon-122050 .

Contact person : Preeti Chauhan/9050080475

Regards,

Preeti Chauhan

**From:** V.K. Saini [mailto:vk.saini@imsec.ac.in]

**Sent:** Wednesday, December 19, 2018 4:37 PM

**To:** Preeti Chauhan

**Subject:** Re: Requirement -B.Tech/BE(Mech.) ,Minda Nabtesco Automotive Pvt. Ltd.

Please find below the revised list of students.

Sl. No	Roll No	Name	Email_id	Contact_self	10th %	12th%	B.Tech%	Gender
1	1514340108	PROPRAKASH YADAV	proprakash.imsec@gmail.com	9582571192	84.67	85	80.34	Male
2	1514340183	YASHVIKA SINGH	yashvikasingh2810@gmail.com	9718421485	91.2	84.6	80.2	Female
3	1514340024	AMRIT RAJ	rajamrit550@gmail.com	8002857073	76.33	79.2	79.38	Male
4	1514340138	SAURABH SINGH	saurabhsingh44d@gmail.com	9455232565	89.4	79	79.13	Male
5	1514340090	NILESH TIWARI	getnileштиwari97@gmail.com	7905725916	CGPA 9.0	78.20	78.40	Male
6	1514340119	RAVI BISHT	Bishtr271@gmail.com	9675766033	95	85.6	77.78	Male
7	1514340083	MOHD TARIQUE REHMAN	shobhirehman786@gmail.com	7599074422	83.6	78.8	77.2	Male
8	1514340088	NIDHI SINGH	nidhirk02@gmail.com	8010578053	81.66	80.33	77	Female
9	1514340066	JAGDISH DHUSSA	jeetdhussa297@gmail.com	7906618386	91.2	80	77	Male
10	1514340112	RAHUL SHUKLA	rahul1shukla23@gmail.com	8744014385	77.8	86.8	76.88	Male
11	1514340127	SACHIN KESHARWANI	sachinn1996@gmail.com	9911256810	83.6	87.6	76.6	Male
12	1514340064	HIMANSHU JHA	himanshujha126@gmail.com	8410866106	86.17	83.6	76.52	Male
13	1514340115	RAJAT YADAV	yrajat454@gmail.com	9457761676	83.6	74.2	76.50	Male
14	1514340131	SANJEEV GARG	gargs5900@gmail.com	9557256076	87.40	85.60	75.67	Male

Regards

Dr. V.K. Saini

Professor

Department of Mechanical Engineering  
IMS Engineering College, Ghaziabad (UP)

On Mon, Dec 10, 2018 at 12:57 PM Preeti Chauhan <pchauhan@mindagroup.com> wrote:

11/6/2020

IMS Engineering College Mail - Fwd: Requirement -B.Tech/BE(Mech.) ,Minda Nabtesco Automotive Pvt. Ltd.

Dear Sir ,

Good Day!!!

Hope you are doing well, I am sharing this mail regarding new batches for Jan'2019 for B.Tech/BE(Mech) students.

Request you to pls. share students details with their academics percentage (10<sup>th</sup>/12<sup>th</sup>/Professional).

If any query feel free to contact.

Regards,

Preeti Chauhan

HRM – Minda Nabtesco Automotive Pvt. Ltd.

Contact No: 9050080475




---

#### 4 attachments

image001.jpg  
1K

image002.jpg  
1K

image003.jpg  
1K

image003.jpg  
1K

## MEMORANDUM OF UNDERSTANDING

### BETWEEN CENTUM FOUNDATION AND IMS Engineering College

This Memorandum of Understanding (hereinafter referred to as "MOU") is made and entered into by and between the CENTUM FOUNDATION whose address is 127, Neelagagan, Mandi Road, Sultanpur, Mehrauli New Delhi -110030 and the IMS Engineering College, whose address is National Highway 24, Near Dasna, Adhyatmik Nagar, Ghaziabad, Uttar Pradesh 201009

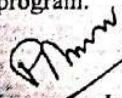
**Purpose:** The purpose of this MOU is to establish the terms and conditions under which the program will meet and function. This includes the deliverables from CENTUM side and the IMS Engineering College.

**Term of MOU:** This MOU is effective from today (1<sup>st</sup> June 2018) till 31<sup>st</sup> of March 2019.

#### 1. Responsibilities of CENTUM:

As per the understanding between CENTUM and IMS Engineering College the following are the deliverables from CENTUM side.

- CENTUM has agreed to train the proposed set of candidates for a period of 42 days (please mention hours or put both) as per the schedule shared with the College.
- CENTUM is responsible to provide the training for the candidates on the requisite topics for the duration which is committed by deploying trainers at its expense.
- CENTUM is responsible for helping the assessment agency in doing baseline, midline and endline assessment
- CENTUM would shortlist the students after the end-line assessment on the basis of knowledge, performance & attendance. Only students who fulfill the required criteria will be allowed to sit through final assessment.
- CENTUM is responsible to schedule the final assessments at the end of the program in collaboration with the third party assessment agency and NASSCOM Foundation
- CENTUM would work along with the placement team of the college as well as NASSCOM Foundation to provide job opportunities to the beneficiaries of this program.

  
Professor & Head  
Department of Computer &  
Engineering C-110/24

**2. Responsibilities of IMS Engineering College :**

As mutually agreed, the following are the deliverables from the side of IMS Engineering College.

- College has agreed to provide all pre-requisite infrastructure support for the program such as classroom, Projector, Lab with internet connection.
- College will designate a SPOC from their side who would take care of all needs during the program.
- College has agreed to arrange the boarding and lodging of the trainers during the course of the program.
- College has agreed to share the details of the candidates in written who have been placed through campus recruitment under Arise Program. This would be done by sharing copy of Appointment letters.
- College has agreed for at least 20% buffered days to provide extra training if required for the program.
- College has agreed to provide placement opportunities for the candidates through the upcoming placement program or job fair which would be conducted by NASSCOM or CENTUM.
- College has agreed to adhere to the session plan submitted at the beginning of program.
- College has agreed to put strict guidelines in place for the students so that there is minimal dropout and absenteeism.

**CENTUM FOUNDATION**

Name: AKHILESH KUMAR SONI

Signature:

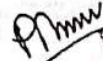


Date: 06/06/2018

**IMS Engineering College**

Name: Pauley Agamuf

Signature:



Professor & Head  
Department of Computer &  
IMS Engineering College

Date: 06/6/18

**Witness**

Name:

Signature:

Date:





## TO WHOM IT MAY CONCERN

This is to certify that Mr. / Ms. Aanya Yadav S/O / D/O Mr. Samar Pal Yadav a student of IMS Engineering College, Ghaziabad has successfully completed 240 hours of training on “Software Developer” course with project work from 11-June-2018 to 31-July-2018 conducted by Centum Foundation under “Arise on campus” training program.

Date: 26-Dec-2018

Place: New Delhi

For Centum Foundation

A handwritten signature in blue ink, appearing to read "Anurag Manocha", with a horizontal line underneath.

(Authorized Signatory)



Registration No.: S-52837/2005

Centum Foundation  
127, Neelagan, Mandi Road, Sultanpur, Mehrauli, New Delhi-110 030, India  
T: +91-11-4588 1000, 4600 1100/01 F: +91-11-4600 1111

## Batch-1

S.No	Name	Branch	EMAIL
1	ROOPAK SINGH	CS	<a href="mailto:singhroopak5@gmail.com">singhroopak5@gmail.com</a>
2	YACHANA SINGH	CS	<a href="mailto:yachnasingh21@gmail.com">yachnasingh21@gmail.com</a>
3	LOKESH KUMAR TIWARI	CS	<a href="mailto:lokesh0412@gmail.com">lokesh0412@gmail.com</a>
4	SAJJAN KUMAR SINGH	CS	<a href="mailto:sajjankumar702@gmail.com">sajjankumar702@gmail.com</a>
5	SANCHIT GUPTA	CS	<a href="mailto:sanchit560@gmail.com">sanchit560@gmail.com</a>
6	PRADEEP YADAV	CS	<a href="mailto:pradeepky1996@gmail.com">pradeepky1996@gmail.com</a>
7	HARASHIT MITRA	CS	<a href="mailto:hmitra281@gmail.com">hmitra281@gmail.com</a>
8	NEHA SHARMA	CS	<a href="mailto:ns18121997@gmail.com">ns18121997@gmail.com</a>
9	AYUSH AGARWAL	CS	<a href="mailto:ayush.a0306@gmail.com">ayush.a0306@gmail.com</a>
11	SHUBHAM CHAURASIA	CS	<a href="mailto:shubhamchaurasia134@gmail.com">shubhamchaurasia134@gmail.com</a>
12	NITIN SAHU	CS	<a href="mailto:nitinsahu7697kv@gmail.com">nitinsahu7697kv@gmail.com</a>
13	HARSHIT KUMAR SINGH	CS	<a href="mailto:harshit512singh@gmail.com">harshit512singh@gmail.com</a>
14	MITALI SRIVASTAVA	CS	<a href="mailto:srivastava.mitali680@gmail.com">srivastava.mitali680@gmail.com</a>
15	NITIN SHARMA	CS	<a href="mailto:nitinkumarsharma96@gmail.com">nitinkumarsharma96@gmail.com</a>
16	SACHIN GUPTA	CS	<a href="mailto:sachinguptakarwi34@gmail.com">sachinguptakarwi34@gmail.com</a>
17	KUMARI SWATI GUPTA	CS	<a href="mailto:swatigupta0321@gmail.com">swatigupta0321@gmail.com</a>
18	DIKSHA KHURANA	CS	<a href="mailto:tanvikhurana1996@gmail.com">tanvikhurana1996@gmail.com</a>
19	HARI SHANKAR TIWARI	CS	<a href="mailto:vipul tiwari.hst@gmail.com">vipul tiwari.hst@gmail.com</a>
20	ANURAG SINGH	EC	<a href="mailto:robinanurag03@gmail.com">robinanurag03@gmail.com</a>
21	AKASH KUMAR SHUKLA	EC	<a href="mailto:akashgn746@gmail.com">akashgn746@gmail.com</a>
22	NEHA KUMARI SINGH	EC	<a href="mailto:nehuu023@gmail.com">nehuu023@gmail.com</a>
23	KSHITIZ SINGHAL	EC	<a href="mailto:kshitiz.singhal96@gmail.com">kshitiz.singhal96@gmail.com</a>
24	ROBIN KUMAR	EC	<a href="mailto:ambawat8@gmail.com">ambawat8@gmail.com</a>
25	PRABHAT KUMAR PATEL	IT	<a href="mailto:prabhatpatel758@gmail.com">prabhatpatel758@gmail.com</a>
26	PRATEEK TYAGI	IT	<a href="mailto:prateektyagi678@gmail.com">prateektyagi678@gmail.com</a>
27	SHIVAM PRATAP SINGH	IT	<a href="mailto:shivampratap.pratap6@gmail.com">shivampratap.pratap6@gmail.com</a>
28	AKASH TIWARI	IT	<a href="mailto:21akash.tiwari@gmail.com">21akash.tiwari@gmail.com</a>
29	ANKIT RAI	IT	<a href="mailto:a.rai25297@gmail.com">a.rai25297@gmail.com</a>
30	AVNI AGGARWAL	IT	<a href="mailto:avniaggarwal9@gmail.com">avniaggarwal9@gmail.com</a>
31	DEEKSHA GANGWAR	IT	<a href="mailto:1995deeksha@gmail.com">1995deeksha@gmail.com</a>
32	DEEP SHIKHA	IT	<a href="mailto:deepshika.singh2520@gmail.com">deepshika.singh2520@gmail.com</a>
33	DEEPAK MISHRA	IT	<a href="mailto:dm809052@gmail.com">dm809052@gmail.com</a>
34	DEEPPRIYA	IT	<a href="mailto:deeppriyasrivastav@gmail.com">deeppriyasrivastav@gmail.com</a>
35	BHAVYA SHARMA	IT	<a href="mailto:sharma.bhavya02@gmail.com">sharma.bhavya02@gmail.com</a>
36	PREETI MISHRA	IT	<a href="mailto:mishrapreetu80@gmail.com">mishrapreetu80@gmail.com</a>
37	NISHANT SRIVASTAVA	CS	<a href="mailto:nishant.2096@gmail.com">nishant.2096@gmail.com</a>

38	MUKESH YADAV	CS	<a href="mailto:mukeshyadav236@gmail.com">mukeshyadav236@gmail.com</a>
40	OMVESH CHAUDHARY	CS	<a href="mailto:omvesh.chaudhary.9@gmail.com">omvesh.chaudhary.9@gmail.com</a>
41	ABHISHEK GUPTA	CS	<a href="mailto:guptaabhi920@gmail.com">guptaabhi920@gmail.com</a>
42	RUPENDRA SINGH	IT	<a href="mailto:singhrupendra1997@gmail.com">singhrupendra1997@gmail.com</a>
43	SANDIP KUMAR	IT	<a href="mailto:sandipkumar9808@gmail.com">sandipkumar9808@gmail.com</a>
45	ADARSH KUMAR SINGH	CS	<a href="mailto:adarsh.kumar.singh.950@gmail.com">adarsh.kumar.singh.950@gmail.com</a>
46	SIDDHANT CHANDRA	ECE	<a href="mailto:salsidd25@gmail.com">salsidd25@gmail.com</a>
47	RAJESH KUMAR GUPTA	ECE	<a href="mailto:imguptarajesh@gmail.com">imguptarajesh@gmail.com</a>
48	ARCHIT PALIWAL	ECE	<a href="mailto:indianarchit@gmail.com">indianarchit@gmail.com</a>
50	SRAJAL RAWAT	ECE	<a href="mailto:rsrajal99@gmail.com">rsrajal99@gmail.com</a>
51	TANU SAXENA	ECE	<a href="mailto:tanusaxena38@gmail.com">tanusaxena38@gmail.com</a>
53	RAJAT YADAV	CSE	<a href="mailto:rajatrckrockstar@gmail.com">rajatrckrockstar@gmail.com</a>

## Batch-2

S.No.	Student Name	Dept	Email
1	Abhishek Shrivastava	IT	abhishek1997itengineer@gmail.com
2	Abhishek Singh Chauhan	CS	abhishekchauhan0097@gmail.com
3	Akash Verma	IT	<a href="mailto:akash5126@icloud.com">akash5126@icloud.com</a>
4	Akash Jaiswal	IT	akashjaiswalindia10@gmail.com
5	ABHINAV SHARMA	IT	<a href="mailto:abhi5126@icloud.com">abhi5126@icloud.com</a>
6	Anivesh kumar Tiwari	IT	ani.tiwari021@gmail.com
7	Alok Yadav	IT	ayalok95@gmail.com
8	Anubhav Kumar Verma	IT	vanubhav.2@gmail.com
9	ARPIT MISHRA	IT	arpitmishra104@gmail.com
10	Ayush Tripathi	CS	<a href="mailto:ayushtripathi1024@gmail.com">ayushtripathi1024@gmail.com</a>
11	Arpit kumar	IT	Updhyay076@gmail.com
12	Arzoo sirohi	IT	arzoo2126@gmail.com
13	Ayush Kaushik	IT	ayushkaushik197@gmail.com
14	Devanshi gupta	IT	devanshigupta108@gmail.com
15	himanshu chauhan	IT	himanshuc088.hc@gmail.com
16	RUDRANSH	CS	<a href="mailto:rudransh2410@gmail.com">rudransh2410@gmail.com</a>
17	KUNAL BANSAL	CS	kunalbansal643@gmail.com
18	Lalit Verma	CS	lalitverma932@gmail.com

19	MANISH BANSAL	CS	manishbansalhtcs@gmail.com
20	MANISH KUMAR PANDEY	CS	manishcool.mayank@gmail.com
21	Nitish Kumar Singh	B.Tech (IT)	officialnits@gmail.com
22	OJAS MODI	B.Tech (IT)	ojasmodi555@gmail.com
23	Rahul Kumar	CS	rahul24.tez@gmail.com
24	Rohit Kumar Singh	CS	rks140510@gmail.com
25	Sandeep pal	B.Tech (CS)	sandeepal894@gmail.com
26	Satyam Chaurasia	B.Tech (IT)	satyam878@gmail.com
27	MAYANK SHARMA		
28	aanya yadav		aanyasingh213@gmail.com
29	KSHITIZ AGARWAL	CS	
30	Shadil Khan	CS	shadilkhan.37@gmail.com
31	Shivang Bhatnagar	CS	<a href="mailto:bhatnagarshivang38@gmail.com">bhatnagarshivang38@gmail.com</a>
32	Divyanshu Singh		
33	Dushyant Singh	CS	
34	RAKSHIT CHOUDHARY	CS	
35	JAGVEER	CS	<a href="mailto:jagveersingh28@gmail.com">jagveersingh28@gmail.com</a>
36	VASU AWASTHI	CS	vasuawasthiup@gmail.com
37	Vikas Raj ojha	B.Tech(IT)	vikasrajojha096@gmail.com
38	Vrinda sharma	B.Tech(IT)	vrindasharmats@gmail.com
39	Yash pratap singh	B.Tech (IT)	yashpratap299@gmail.com
40	Syed abbas haider	cs	<a href="mailto:syedhaiderabbas1996@gmail.com">syedhaiderabbas1996@gmail.com</a>

***Industrial Project-Training***  
***In***  
***High Performance Computing (HPC)***



**IMS Engineering College, Ghaziabad**

**By**

**AURA EMANATING TEKNOLOGY PVT. LTD.**

**New Delhi**

[www.aetpl.org](http://www.aetpl.org)

*Aura Emanating Teknology*



**An ISO 9001:2015 Company**

## Training of High performance Computing in IMS Engineering College

Dear Sir/Ma'am,

Greetings from AET Pvt. Ltd.

**Aura Emanating Teknology Pvt. Ltd.** is one of the ICT solutions, software & storage solution provider for computing needs of all Industries and government departments and providing pioneering turnkey solutions to clients.

**On September 05, 2013, Aura Teknology-Inc. was changed from its proprietary status to Private Limited and become Aura Emanating Teknology Pvt. Ltd.**

**Aura Teknology-Inc. was founded on 09th September 2003 and executed many IT-projects till September 5th 2013 and journey continued as Aura Emanating Teknology Pvt. Ltd. in the field of ICT.**

AETPL provide expert consulting, integration and migration services for open source application and system software for open technology adopting open standard. AETPL has expertise in integration with and for Commercial Off-the-shelf (COTS) software and implementation on all hardware platforms.

### **Certified Training for Students**

AETPL has opened training programs for students to train them for meeting changing technology needs for possible job opportunities. We focus on the best class-room and on-campus TRAININGS, SEMINARS and WORKSHOPS.

AETPL Trainers are among the best professionals in India, having received awards and recognition from our partners and various recognized IT Organizations. When you complete certified IT training course with AETPL. You can rest assured that you are learning from qualified and enthusiastic IT professionals.

Aura Emanating Teknology Pvt. Ltd. upholds this high level of standards so that you can trust your IT training with us. We look forward to your kind cooperation in our attempt and will wait for your reply. Thanking you in anticipation.

## **COST -IMS HPC TRAINING**

IMS has a vision of providing good quality education. The institute always look out for opportunities to collaborate with the industry. IMS provides an environment in which teachers like to facilities and students love to learn. The Institute always help students by arranging Training of new technologies for their bright professional life after academics.

It is facilitating the academic as well as research and development activities. It has well equipped Computer Laboratory which helps in enhancing Students and faculty's Knowledge.

**Minimum 35-40 Students.**

**Course Fee per Student: INR 10000 /-**

**Registration should be completed before course start date.**

**Note:- IMS may add their expenses, if any on above charges.**

### **IMS will provide:-**

#### **Hardware:**

1. **PCs (Quantity: 15)** having configuration: Intel i3 or i5 , 4GB RAM, 500GB HDD, 01 Ethernet Card.
2. **PCs (Quantity: 04)** having configuration: Intel i7, 4GB RAM, 2TB HDD, 02 Ethernet Card.
3. **Network Switches (Quantity: 02)** – Minimum 1Gpbs, 24-port each. With required cables.

### **Aura will provide: -**

**Course Certificate to each Student after successful completion of Course.**

## **COURSE FRAMEWORK**

### **Topics to be covered during Six Weeks training of High Performance Computing**

#### **LINUX**

- Introduction to Linux
- Windows Vs Linux Comparison
- Linux Operating System Installation
- Linux Architecture
- Bash Shell features
- Linux Directory Structure
- Linux Boot Process Detailed explanation
- Linux Internal and External Commands
- Linux Text Editors
- Bash Shell Scripting
- User Profile Management
- User Administration (User Creation, Modification and deletion)
- Access Control List
- Search related commands grep, find and locate
- Task Automation using crontab and at crontab job schedules
- File system and Creating Standard partitions
- RPM / YUM / SOURCE
- Installation and Configuration of PostgreSQL database



## HIGH PERFORMANCE COMPUTING

- Introduction to HPC
- HPC Architecture
- Learning HPC Hardware
- Introduction to parallel processing and cluster
- Cluster management software installation
- Monitoring and Managing Processes
- Controlling Services and Daemons
- Analyzing Logs
- Message Passing interface
- Job scheduling
- Resource management
- Job submission
- Cluster Monitoring and Remote Management
- Manage job scheduler, resources through GUI product **AuraHPC Manager**.
- Concept of High Availability
- Using Virtualized Systems

## PYTHON PROGRAMMING

Python Syntax, Strings and Console Output, Conditionals and Control Flow, Functions, Lists and Functions, Loops, Advanced Topics in Python, Introduction to Classes, File Input and Output, etc.

## MACHINE LEARNING – CONCEPTS and FIUTURE SCOPE

Data Mining, Probability and Statistics in Machine Learning, Data Analysis for Evidence Based Decision Making, etc.

## **Course Duration and Timings:**

**Total Duration of the course will be of 06 Weeks (Monday to Friday), Each Day will have 2.5 hours of Theory class and 3 hours of Practical Class.**

## **At the End of Course:-**

**Upon completion of modules and its tutorials, the student will be able to**

- Understand in a general sense the architecture of high performance computers.
- Understand how the architecture of high performance computers affects the speed of programs run on HPCs.
- Understand how memory access affects the speed of HPC programs.
- Understand Amdahl's law for parallel and serial computing.
- Understand the importance of communication overhead in high performance computing.
- Understand some of the general types of parallel computers.
- Understand how different types of problems are best suited for different types of parallel computers.
- Understand some of the practical aspects of message passing on HPC machines.
- Concept of Machine Learning, Relation with HPC System environment and Industrial job Opportunities.



*It is not over yet, it is just beginning*

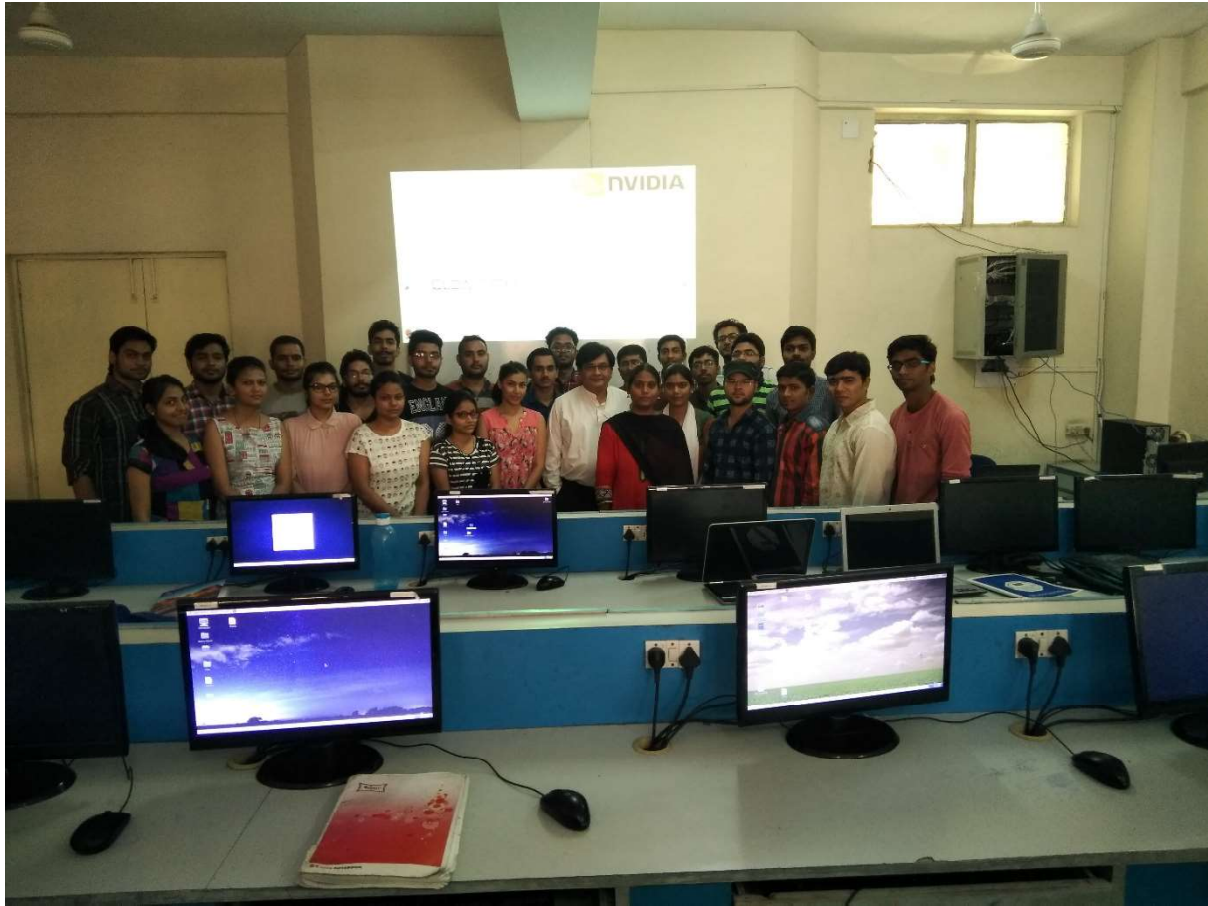
**Contact :**

**Saurabh**

Aura Emanating Teknology Private Limited

Mobile number: +91 9711769668

Email: [saurabh@aetpl.org](mailto:saurabh@aetpl.org)



S.N	NAME	ROLL	Project Name
1	ANUJ UPADHYAY	1414310044	Shell Script for backup job logs,daily jobs like user management, cluster management.
2	ASHU DIKSHIT	1414310055	Shell Script for backup job logs,daily jobs like user management, cluster management.
3	AYUSH AGARWAL	1414310060	Shell Script for create job script
4	DAMINI	1414310090	Shell Script for backup job logs, daily jobs like user management,cluster management.
5	ISHA SONI	1414310082	Parallel Computing in Cuda Environment
6	KETAN PRIYAM KHARE	1414313047	Parallel Computing Cuda Environment
7	LAKSHYA MALIK	1414310097	Market Analysis Aprioi Cuda Environment
8	MANISH KUMAR PANDEY	1414310099	Parallel Computing in Cuda Environment
9	MAYANK SANDHU	1414310102	Parallel Computing Cuda Environment
10	MOHIT SINGH	1414310105	Graphics Cuda Environment
11	NEERU TYAGI	1414310115	Market Analysis Aprioi Cuda Environment
12	NISCHAY SINHA	1414310121	Apriori Analysis in Cuda Environment
13	NITIN SHARMA	1414310124	Market Basket Analysis
14	PAURVI GUPTA	1414310127	Shell Script for create job script
15	PRANJAL GUPTA	1414310134	Shell Script for create job script
16	PRIYA AGARWAL	1414310140	Graphics Cuda Environment

17	SACHIN SETHI	1414310165	Market Analysis Aprioi Cuda Environment
18	SADIYA HAMID	1414310166	Card Credentials Apriori
19	SATYENDRA KUMAR SINGH	1414310177	Graphics Cuda Environment
20	SAURABH KUMAR SONI	1414313075	HPC CLUSTER ,Aprioi , SHELL SCRITPING
21	SHREYA CHAURASIA	1414310195	Shell Script for create job script and queue creation
22	SHUBHAM SINGH	1414310198	HPC Cluster with six Machine
23	SUMIT KUMAR	1414310211	Hpc cluster with six machines
24	VIMLESH KUMAR	1414310227	HPC Cluster with six Machines
25	VINAY KUMAR ROHILA	1414310228	Apriori Analysis Cuda Environment
26	HARSHIT KUMAR	1414310078	Shell Script for create job script
27	TUSHAR SINGH	1414310216	Market Basket Analysis



## Certificate of Training



An ISO 9001:2015 HPC Company



In Recognition

### Ms. Isha Soni

For Successful completion of Industrial Training Program  
June-July, 2017

- ❖ HPC Architecture, Integration of HPC cluster,
- ❖ MPI, Job Scheduler & Resource Manager,
- ❖ Monitoring and Managing cluster,
- ❖ Data Science Concept and Machine Learning, CUDA
- ❖ Python Programming



*Data Science and High Performance Computing Vertical*

**AURA EMANATING TEKNOLOGY PVT LTD**  
 306,3<sup>rd</sup> FLOOR, PLOT No.11  
 LSC POCKET-B DURGA COMPLEX  
 MAYUR VIHAR PHASE-II  
 DELHI - 110091 (INDIA)  
 Tel: +91-11-22722301, 43052001


---

Santhi Naidhana  
Program Coordinator


---

Prof. Dr. Azad Shrivastava  
Head & Principal Consultant



**Pooja Shukla** <pooja@learnkarts.com> 10:58 AM (43 minutes ago)

to me, sraban.mukherj., Prateek, dixit.shraddha

Hi Pankaj.

With reference to our discussion please find the details of the proposal for "**Machine Learning Summer Training**" at IMS Engineering College.

### Training Details:

<i>Topic</i>	<b>Machine Learning for beginners</b>
<i>Location</i>	<b>IMS Engineering College Ghaziabad</b>
<i>Training start date</i>	<b>June 5th 2017</b>
<i>Duration</i>	<b>~100 Hours</b>
<i>Days</i>	<b>Weekdays (Mon-Fri)</b>
<i>Number of Trainers</i>	<b>2-3 Max</b>
<i>Batch size</i>	<b>Not less than 30</b>
<i>Training Cost/Student</i>	<b>Rupees 10,000 (inclusive of 15%Service Tax)</b>

### Course Content:

<b>Serial#</b>	<b>Machine Learning Summer Training Topics</b>
1	Overview about Machine Learning
2	Machine Learning concepts
3	Information about Machine Learning and Data Science tools
4	Information and hands on in R(Basic Tool for ML)
5	Classification
6	Decision Trees
7	Statistical Learning
8	Probability distributions
9	p/t/f measure and there importance in any machine learning model
10	Assignment- Regression problem with clustering, plot results on google maps, and show they can be made reactive
11	Combining web technologies and machine learning algorithms
12	Text Mining

13	Natural Language Processing
14	Predictive Modelling
15	Linear Regression
16	Logistic Regression
17	Neural Networks
18	Support Vector Machines
19	K-means Clustering
20	Principal Components and Independent component Analysis.

### Add-Ons and other free services provided by LearnKart as a part of this Program

1	IIT, IIM Alumni, Prof & HOD will be our Chief Mentor located at College for this Program
2	5 Computer Science Students will be Mentored by Corporate expert for employment preparation
3	LearnKart Certificates to the Students
4	1 free Webinar from Industry Experts (topic to be mutually agreed)

### Trainer's Profile:

Resumes Attached

After your review and approval we will take the next steps.

## Participants

Roll No.	Student Name	E-mail Id	Branch	Year
1414310012	ABHISHEK SHARMA	<a href="mailto:abhisheksharma7060@gmail.com">abhisheksharma7060@gmail.com</a>	CS	3rd
1414310001	AAKASH RAJ SRIVASTVA	<a href="mailto:arsrivastva@gmail.com">arsrivastva@gmail.com</a>	CS	3rd
1414310038	ANKIT SRIVASTAVA	<a href="mailto:srivastava.ankit427@gmail.com">srivastava.ankit427@gmail.com</a>	CS	3rd
1414310018	ADARSH SRIVASTAVA	<a href="mailto:adarshsrivastava1996@gmail.com">adarshsrivastava1996@gmail.com</a>	CS	3rd
1414310010	ABHISHEK GANGWAR	<a href="mailto:abhishekgangwar56@gmail.com">abhishekgangwar56@gmail.com</a>	CS	3rd
1414310042	ANUBHA SINGH	<a href="mailto:anubhasingh11oct@gmail.com">anubhasingh11oct@gmail.com</a>	CS	3rd

1414310048	APEKSHA SINGH	<a href="mailto:apekshasaroha21@gmail.com">apekshasaroha21@gmail.com</a>	CS	3rd
1414310058	ASHUTOSH SINGH	<a href="mailto:aashutosh.ssingh@gmail.com">aashutosh.ssingh@gmail.com</a>	CS	3rd
1414310066	CHARCHIT GUPTA	<a href="mailto:chamgupta@gmail.com">chamgupta@gmail.com</a>	CS	3rd
1414310227	VIMLESH KUMAR	<a href="mailto:vimleshk925@gmail.com">vimleshk925@gmail.com</a>	CS	3rd
1414331174	VED BHUSHAN DWIVEDI	<a href="mailto:ved2dwivedi@gmail.com">ved2dwivedi@gmail.com</a>	CS	3rd
1414310210	SUMANTI SAINI	<a href="mailto:sumanti1998@gmail.com">sumanti1998@gmail.com</a>	CS	3rd
1414310156	RISHABH PRABHU SRIVASTAVA	<a href="mailto:prabhurishabhsri@gmail.com">prabhurishabhsri@gmail.com</a>	CS	3rd
1414310170	SAMARTH	<a href="mailto:samarhtayal96@gmail.com">samarhtayal96@gmail.com</a>	CS	3rd
1414310181	SHAHZAIB ANWAR KHAN	<a href="mailto:shahzaibanwarkhan@gmail.com">shahzaibanwarkhan@gmail.com</a>	CS	3rd
1414310160	ROHAN TANEJA	<a href="mailto:rohantaneja2207@gmail.com">rohantaneja2207@gmail.com</a>	CS	3rd
1414310194	SHIVI SAINI	<a href="mailto:bluebloodshivi@gmail.com">bluebloodshivi@gmail.com</a>	CS	3rd
1414310203	SMRITI PORWAL	<a href="mailto:smirtiporwal30july@gmail.com">smirtiporwal30july@gmail.com</a>	CS	3rd
1414310162	ROHTASH	<a href="mailto:rohtashsharma95@gmail.com">rohtashsharma95@gmail.com</a>	CS	3rd
1414310186	SHASHANK SHEKHAR MISHRA	<a href="mailto:mishrashashank1617@gmail.com">mishrashashank1617@gmail.com</a>	CS	3rd
1414310220	VAIBHAV PANDEY	<a href="mailto:vp612512@gmail.com">vp612512@gmail.com</a>	CS	3rd
1414310188	SHIVA YADAV	<a href="mailto:yadav.shiva1508@gmail.com">yadav.shiva1508@gmail.com</a>	CS	3rd
1414310226	VIKASH TIWARI	<a href="mailto:vikastewari25@gmail.com">vikastewari25@gmail.com</a>	CS	3rd
1414310114	NEERAJ YADAV	<a href="mailto:nysilvalining@gmail.com">nysilvalining@gmail.com</a>	CS	3rd
1414310123	NISHIKA CHAUDHARY	<a href="mailto:nishikachaudhar96@gmail.com">nishikachaudhar96@gmail.com</a>	CS	3rd
1414310142	PRIYANK MATHUR	<a href="mailto:priyankmthurbtech@gmail.com">priyankmthurbtech@gmail.com</a>	CS	3rd
1414310078	HARSHIT KUMAR	<a href="mailto:deecoderr@gmail.com">deecoderr@gmail.com</a>	CS	3rd
1414310146	RAJAT GOEL	<a href="mailto:rajatgoel178@gmail.com">rajatgoel178@gmail.com</a>	CS	3rd
1414310087	KESHAV SRIVASTAVA	<a href="mailto:keshav.srivastava1981@gmail.com">keshav.srivastava1981@gmail.com</a>	CS	3rd
1414310013	ABHISHEK SINGH	<a href="mailto:abhishek39@gmail.com">abhishek39@gmail.com</a>	CS	3rd
1414310124	NITIN SHARMA	<a href="mailto:nitin741996@gmail.com">nitin741996@gmail.com</a>	CS	3rd
1514310901	DANISH AHMAD KHAN	<a href="mailto:dk.khan0808@gmail.com">dk.khan0808@gmail.com</a>	CS	3rd
1514313073	RISHABH OMAN	<a href="mailto:dhruv96rishab@gmail.com">dhruv96rishab@gmail.com</a>	IT	2nd
1414313054	NILESH DWIVEDI		IT	3rd
	PRASHISH KUMAR	<a href="mailto:kumar.prashish949@gmail.com">kumar.prashish949@gmail.com</a>	IT	3rd
	PRASHANT RAI	<a href="mailto:rprashant198@gmail.com">rprashant198@gmail.com</a>	IT	3rd
	CHIRAG SHARMA	<a href="mailto:cprogram345@gmail.com">cprogram345@gmail.com</a>	IT	2nd

# Certificate of Training

This Certifies that

Ankita Srivastav

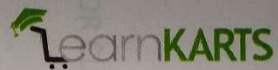
has completed following training successfully:

## MACHINE LEARNING

Training Company Name: LearnKart Technology Pvt. Ltd.

Completion Date: 23-June-2017

Training Duration: 120 Hrs







Bibeka Nand Pathak <bn.pathak@imsec.ac.in>

---

## Fwd: B Tech Project & Training

2 messages

---

**HOD Mechanical Engineering** <hodme@imsec.ac.in>  
To: Bibeka Nand Pathak <bn.pathak@imsec.ac.in>

Fri, Nov 6, 2020 at 3:49 PM

Prof. (Dr.) V.K. Saini  
HOD, Mechanical Engineering  
IMS Engineering College  
Ghaziabad (U.P.)  
Phone: (91) 120-4940000, Extn - 827

----- Forwarded message -----

From: **Suraj Raut** <sraut@mindagroup.com>  
Date: Fri, Mar 31, 2017 at 9:28 PM  
Subject: B Tech Project & Training  
To: <hodme@imsec.ac.in>  
Cc: <amitsrivastava@mindagroup.com>

Dear Sir/Ma'am,

We are looking for 2-3 Engineering Students to work on multiple projects in our company. Based on the Performance and Potential of the Students, they may be offered a position in the company in next year after completion of their B-Tech.

The projects will be in Design and Process/Industrial Engineering and will provide excellent opportunity for students to learn.

Following are the criteria for Selection:-

- 1) Positive attitude
- 2) Hardworking
- 3) Academics
  - a. Minimum CGPA – 7.5 (Percentage – 75%) (on the basis of current result)
  - b. No hold status

It is important that the students work full time for 1-2 months to absorb the learning. Students will be paid a stipend of Rs 10,000 per month, (for this period).



11/6/2020

IMS Engineering College Mail - Fwd: B Tech Project & Training

Thanks & Regards:

**Suraj Raut**

HRM

Mob:+91-7042876495

**MINDA NABTESCO AUTOMOTIVE PVT. LTD.**

Village Naharpur Kasan, P.O. Nakhrola

Gurgaon, Haryana-122440



---

**HOD Mechanical Engineering** <hodme@imsec.ac.in>  
To: Bibeka Nand Pathak <bn.pathak@imsec.ac.in>

Fri, Nov 6, 2020 at 3:50 PM

Prof. (Dr.) V.K. Saini  
HOD, Mechanical Engineering  
IMS Engineering College  
Ghaziabad (U.P.)  
Phone: (91) 120-4940000, Extn - 827

----- Forwarded message -----

From: **Suraj Raut** <sraut@mindagroup.com>  
Date: Sat, Apr 8, 2017 at 12:25 PM  
Subject: RE: B Tech Project & Training  
To: HOD Mechanical Engineering <hodme@imsec.ac.in>  
Cc: Amit Srivastava <amitsrivastava@mindagroup.com>

Dear Sir,

Please confirm, when these candidate can start their industrial training and the duration of that training.  
After that , if any candidate being offered a permanent job then when the candidate can join the company.

Regards

Suraj Raut

11/6/2020

IMS Engineering College Mail - Fwd: B Tech Project & Training

**From:** HOD Mechanical Engineering [mailto:[hodme@imsec.ac.in](mailto:hodme@imsec.ac.in)]  
**Sent:** Friday, April 07, 2017 3:33 PM  
**To:** Suraj Raut <[sraut@mindagroup.com](mailto:sraut@mindagroup.com)>  
**Cc:** Amit Srivastava <[amitsrivastava@mindagroup.com](mailto:amitsrivastava@mindagroup.com)>  
**Subject:** Re: B Tech Project & Training

Dear Sir,

With reference to your email, sort listed students are as follows:

S.No	Name	Roll No.	B.Tech(%)	Mobile No.
1	Vaibhav Saini	1414340170	80.8%	8585910035
2	Mohd. Faiz Ansari	1414340083	79.38%	7011680986
3	Nikhil Kaushik	1414340093	77.60%	9557362258
4	Akash Kumar Singh	1414340017	76.60%	7053973768

Thanks and Regards

Dr. V.K. Saini

HOD, Mechanical Engineering

IMS Engineering College

Ghaziabad (U.P.)

Phone: (91) 120-7945555, Extn - 827

Mb:9873182304

On Fri, Mar 31, 2017 at 9:26 PM, Suraj Raut <[sraut@mindagroup.com](mailto:sraut@mindagroup.com)> wrote:

Dear Sir/Ma'am,

We are looking for 2-3 Engineering Students to work on multiple projects in our company. Based on the Performance and Potential of the Students, they may be offered a position in the company in next year after completion of their B-Tech.

The projects will be in Design and Process/Industrial Engineering and will provide excellent opportunity for students to learn.

Following are the criteria for Selection:-

- 1) Positive attitude
- 2) Hardworking
- 3) Academics
  - a. Minimum CGPA – 7.5 (Percentage – 75%) (on the basis of current result)
  - b. No hold status

It is important that the students work full time for 1-2 months to absorb the learning. Students will be paid a stipend of Rs 10,000 per month, (for this period).



Thanks & Regards:

**Suraj Raut**

HRM

Mob:+91-7042876495

**MINDA NABTESCO AUTOMOTIVE PVT. LTD.**

Village Naharpur Kasan, P.O. Nakhrola

Gurgaon, Haryana-122440



[Quoted text hidden]



Bibeka Nand Pathak <bn.pathak@imsec.ac.in>

---

## Fwd: FW: FW: Placement and feedback

1 message

---

**V.K. Saini** <vk.saini@imsec.ac.in>  
To: Bibeka Nand Pathak <bn.pathak@imsec.ac.in>

Fri, Nov 6, 2020 at 3:54 PM

Dr. V.K. Saini  
Professor and Head  
Department of Mechanical Engineering  
IMS Engineering College, Ghaziabad (UP)  
0120-4940000 (Ext: 827),  
Mb. 9873182304

----- Forwarded message -----

From: **Preeti Chauhan** <pchauhan@mindagroup.com>  
Date: Mon, Dec 18, 2017 at 3:10 PM  
Subject: RE: FW: FW: Placement and feedback  
To: V.K. Saini <vk.saini@imsec.ac.in>

Dear Sir,

Thanks for your response.

As discussed with you we have selected eight candidates as per your list. We will start this training period from 8th Jan'17.

So kindly communicate this msg. to these candidates.

Regards,

Preeti Chauhan.

**From:** V.K. Saini [mailto:vk.saini@imsec.ac.in]  
**Sent:** 16 December 2017 18:02  
**To:** Preeti Chauhan  
**Subject:** Re: FW: FW: Placement and feedback

Ma'am

Please find attached details of students having above 75%

Thanks

Dr. V.K. Saini

Professor

Department of Mechanical Engineering  
IMS Engineering College, Ghaziabad (UP)

On Sat, Dec 9, 2017 at 10:05 AM, Preeti Chauhan <[pchauhan@mindagroup.com](mailto:pchauhan@mindagroup.com)> wrote:

Dear Sir,

How many final year B.tech students you have. Pls. share details those who have above 70% .

Regards,

Preeti Chauhan.

**From:** V.K. Saini [mailto:[vk.saini@imsec.ac.in](mailto:vk.saini@imsec.ac.in)]  
**Sent:** 08 December 2017 12:50  
**To:** Preeti Chauhan  
**Subject:** Re: FW: Placement and feedback

Dear Preeti Chauhan

Thanks for quick response,

**Details of how many students, I should share ?**

**Regards**

**Prof. (Dr. ) V.K. Saini**

**Mb. 9873182304**

Dr. V.K. Saini

Professor

Department of Mechanical Engineering  
IMS Engineering College, Ghaziabad (UP)

On Thu, Dec 7, 2017 at 11:27 AM, Preeti Chauhan <[pchauhan@mindagroup.com](mailto:pchauhan@mindagroup.com)> wrote:

Dear Mr. Saini ,

Good Morning!!!

This side Preeti Chauhan from Minda Nabtesco HR deptt. I am sharing this mail regarding new batches for Jan'2018.

Request you to pls. share students details with their academics percentage.

If any query feel free to contact.

Regards,

Preeti Chauhan

HRM – Minda Nabtesco Automotive Pvt. Ltd.

Contact No: 9050080475

---

**From:** Amit Srivastava [mailto:[amitsrivastava@mindagroup.com](mailto:amitsrivastava@mindagroup.com)]

**Sent:** 04 December 2017 11:49

**To:** [pchauhan@mindagroup.com](mailto:pchauhan@mindagroup.com)

**Subject:** Fwd: Placement and feedback

Sent from my iPhone

Begin forwarded message:

**From:** "V.K. Saini" <vk.saini@imsec.ac.in>  
**Date:** 4 December 2017 at 11:47:46 AM IST  
**To:** [amitsrivastava@mindagroup.com](mailto:amitsrivastava@mindagroup.com)  
**Subject:** Placement and feedback

Dear Sir,

Greeting of the day

Last year two students from IMS Engineering college Ghaziabad were selected and joined Minda Nabtesco Automotive Pvt Ltd. Thanks for providing opportunity to our students to serve in your industry.

The following students were selected as GET.

1. Mr. Dushyant Tomar
2. Ms. Harsha Ravi Raj

Kindly provide us their performance feedback in brief.

We have started placement activities for the next batch. Please let us know , if there is any requirement. Select engineering students may work on projects in your company in the month of January (1 Month). Based on the Performance and Potential of the Students, they may be offered a position in the company in next year after completion of their B-Tech (In the month of June 2017).

Regards

Dr. V.K. Saini

Professor

Department of Mechanical Engineering  
IMS Engineering College, Ghaziabad (UP)

Mb. 9873182304





11/6/2020

IMS Engineering College Mail - Fwd: FW: FW: Placement and feedback



**IMSEC students details for MINDA.xlsx**

11K

11/6/2020

IMS Engineering College Mail - Fwd: Project & Training



Bibeka Nand Pathak <bn.pathak@imsec.ac.in>

---

## Fwd: Project & Training

1 message

---

**HOD Mechanical Engineering** <hodme@imsec.ac.in>  
To: Bibeka Nand Pathak <bn.pathak@imsec.ac.in>

Fri, Nov 6, 2020 at 3:46 PM

Prof. (Dr.) V.K. Saini  
HOD, Mechanical Engineering  
IMS Engineering College  
Ghaziabad (U.P.)  
Phone: (91) 120-4940000, Extn - 827

----- Forwarded message -----

From: **Suraj Raut** <sraut@mindagroup.com>  
Date: Fri, Apr 14, 2017 at 1:15 PM  
Subject: RE: Project & Training  
To: HOD Mechanical Engineering <hodme@imsec.ac.in>  
Cc: Amit Srivastava <amitsrivastava@mindagroup.com>

Dear Sir,

Reference to our initial discussion, we would like to meet all the 5 students on Thursday(20-apr-17).

Please send them to below mentioned address on that day.

Address: **MINDA NABTESCO AUTOMOTIVE PVT. LTD.**

Village Naharpur Kasan, P.O. Nakhrola

Gurgaon, Haryana-122004

In case of any query, please contact undersign.



Thanks & Regards:

**Suraj Raut**

HRM

Mob:+91-7042876495

**MINDA NABTESCO AUTOMOTIVE PVT. LTD.**

Village Naharpur Kasan, P.O. Nakhrola

Gurgaon, Haryana-122004

**From:** HOD Mechanical Engineering [mailto:[hodme@imsec.ac.in](mailto:hodme@imsec.ac.in)]  
**Sent:** Wednesday, April 12, 2017 3:19 PM  
**To:** Suraj Raut <[sraut@mindagroup.com](mailto:sraut@mindagroup.com)>

11/6/2020

IMS Engineering College Mail - Fwd: Project & Training

Cc: Amit Srivastava <[amitsrivastava@mindagroup.com](mailto:amitsrivastava@mindagroup.com)>

Subject: Project & Training

Dear Sir,

Refer our discussion regarding the subject matter. List of sort listed students is given below:

1	Amit Gupta	1314390805	81.1%	8527737814	<a href="mailto:amitgupta0044@gmail.com">amitgupta0044@gmail.com</a>	Male
2	Abhieshk Verma	1314340003	79.21%	8802773347	<a href="mailto:abhishekverma16oct@gmail.com">abhishekverma16oct@gmail.com</a>	Male
3	Kshitij Kulshrestha	1314340055	78.15%	9654092774	<a href="mailto:kshitij.kulshrestha@gmail.com">kshitij.kulshrestha@gmail.com</a>	Male
4	Dushyant Tomar	1314340038	76.55%	8802007408	<a href="mailto:dushyant.tomar39@gmail.com">dushyant.tomar39@gmail.com</a>	Male
5	Harsha Ravi Raj	1314340043	82.08%	9654271082	<a href="mailto:harshasrivastava10@gmail.com">harshasrivastava10@gmail.com</a>	Female

**These students will be passing out this year** and their final exam will be over on 22 th May 2017. Only the project viva/presentation will be left (may on any day in 1st week of June). These students may join training on 25th May 2017. After training, If they offered position in your company, they may join as per your convenient date.

For any query feel free to contact me.

Regards

Dr. V.K. Saini

HOD, Mechanical Engineering

IMS Engineering College

Ghaziabad (U.P.)

Phone: (91) 120-7945555, Extn - 827



11/6/2020

IMS Engineering College Mail - Fwd: Training/project/placement



Bibeka Nand Pathak <bn.pathak@imsec.ac.in>

---

## Fwd: Training/project/placement

1 message

---

**HOD Mechanical Engineering** <hodme@imsec.ac.in>  
To: Bibeka Nand Pathak <bn.pathak@imsec.ac.in>

Fri, Nov 6, 2020 at 3:44 PM

Prof. (Dr.) V.K. Saini  
HOD, Mechanical Engineering  
IMS Engineering College  
Ghaziabad (U.P.)  
Phone: (91) 120-4940000, Extn - 827

----- Forwarded message -----

From: **Suraj Raut** <sraut@mindagroup.com>  
Date: Wed, May 3, 2017 at 5:41 PM  
Subject: RE: Training/project/placement  
To: HOD Mechanical Engineering <hodme@imsec.ac.in>  
Cc: <amitsrivastava@mindagroup.com>, <sramalingam@mindagroup.com>

Dear Mr. Saini,

Regarding students for training purpose, we have shortlist 4 students for training.

Please call all these students to come on 25-may-17.

1. Amit Gupta
2. Abhieshk Verma
3. Dushyant Tomar
4. Harsha Ravi Raj

In case of any query please contact undersign.



Thanks & Regards:

**Suraj Raut**

HRM

Mob:+91-7042876495

**MINDA NABTESCO AUTOMOTIVE PVT. LTD.**

Village Naharpur Kasan, P.O. Nakhrola

Gurgaon, Haryana-122004

---

**From:** HOD Mechanical Engineering [mailto:hodme@imsec.ac.in]  
**Sent:** Thursday, April 27, 2017 4:32 PM  
**To:** Suraj Raut <sraut@mindagroup.com>; Amit Srivastava <amitsrivastava@mindagroup.com>  
**Subject:** Training/project/placement

11/6/2020

IMS Engineering College Mail - Fwd: Training/project/placement

Dear Sir,

Reference to your discussion and meeting with our 5 students for training / project/placement. How was their performance. kindly let me know the next step.

Regards

Dr. V.K. Saini

HOD, Mechanical Engineering

IMS Engineering College

Ghaziabad (U.P.)

Phone: (91) 120-7945555, Extn - 827

