



ATMA MALIK INSTITUTE OF TECHNOLOGY AND RESEARCH

**[Affiliated to MSBTE, Mumbai , Approved by AICTE,
New Delhi & DTE, M.S.]**

At : Mohili , Post : Aghai , Via Kalyan , Dist. : Thane , 421301

**DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION
ENGINEERING**

is organizing

**ADD ON course on
" IOT and applications development"**

4th April 2023- 8th April 2023

In association with



DOLPHIN LABS

Resource Person

Mr. Chittranjan Mahajan

Program Conveyner

Prof Sumit Kumar

HOD EXTC

COURSE OBJECTIVES

- Explore the hardware and software tools (Python and Embedded C, HTML).
- IoT Platform and IO Configuration Interactive web applications.

COURSE OUTCOMES

- Accessing Digital sensor via wifi with HTML Web server using ESP866.
- Build your computer.
- Setup IoT connectivity using a remote desktop.
- Develop and test an IoT weather monitoring station.

Topics Covered

- 1.Communication and networking technology for IoT.(3hr)
- 2.IoT system and network architecture(3hr)
- 3.Embedded systems and sensor networks in IoT(6hr)
- 4.Security privacy and safety technology for IoT(6hr)
- 5.IoT applications and projects(12hr)
- 6.Discussion session, Doubt clearing(2hr)
- 7.Career opportunities and guidance(1hr)

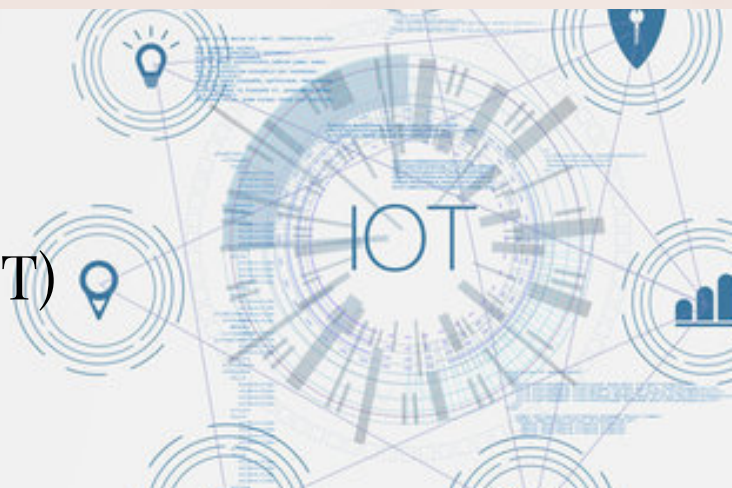
Program Coordinator

Asst. Professor

Vaishnavi Rajkor (EXTC DEPT)



9730089698





|| Sabka Malik Atma ||
Vishwatmak Jangli Maharaj Ashram Trust's
Atma Malik Institute of Technology & Research (AMRIT)

ACAD-DI-68	NOTICE	Academic Year: 2022-23
Rev : 00		Semester: EVEN
Date: 11-7-2022		

Date: 30/03/2023

ADD ON Program

Students those who have enrolled for the **ADD ON Course on "Internet of Things and application development"**, are hereby informed that workshop is scheduled from **5th April to 7th April 2023**.

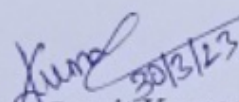
Batch Size: 4-5 students per group (Students are advised to bring one laptop per group)

Venue: CAD/CAM Lab

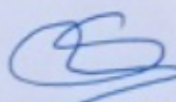
Rewards: Certificate will be issued to all the participants who will successfully complete the course.

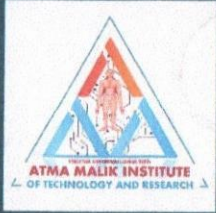
For any query contact;

Prof. Vaishnavi Rajkor (9730089698), Assistant Professor, EXTC department
Prof. Sonali Patil (9765969402), Assistant Professor, Mechanical Engg.
Prof. Tejaswini Nehe (8097264430), Assistant Professor, DESH
Prof. Swati Sonawane (9168790759), Assistant Professor, Civil Engg.
Prof. Swati Bhoir (8805273566), Assistant Professor, Computer Engg.


Prof. Sumit Kumar
Program Coordinator
HOD-EXTC Engg.

Prof. Govind Chavan
Vice- Principal


Dr. D. D. Shinde
Principal



!! Sabka Malik Atma !!
Vishwatmak Jangali Maharaj Ashram Trust's

Atma Malik Institute of Technology and research,

Aghai Mohili, Tal. Shahpur, Dist. Thane



Department of Civil Engineering Organizes,
A training programme on Digital Global Positioning System

Under IQAC Cell Starting From 10/10/2022-14/10/2022

For registration
contact to civil
engineering
Department
AMRIT

Date	Name of the Resource Person	Session
10/10/2022	Er. Tushar Kakde	Introduction to DGPS
11/10/2022	Er. Manish Bayas	Survey using DGPS
12/10/2022	Er. Prafulla pawar	Data acquisition
13/10/2022	Er. Pranjal pawar	Preparation of Survey Drawing
14/10/2022	Er. Nivedita Patil	Report Writing



For More Details Contact:

Prof. Swati Sonawane

9168790759

sonawaneswati999gmail.com

Convener: Prof. Swati Sonawane

Asst. Professor Civil engineering

Department (AMRIT)

Objective: Candidate will learn & study DGPS Thoroughly & Compute Drawings by using DGPS

Outcomes: Students will be able to acquire data using DGPS & Drawings of the site digitally



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Vishwatmak Jangali Maharaj Ashram Trust's
ATMA MALIK INSTITUTE OF TECHNOLOGY AND RESEARCH
Department of Civil Engineering

Date: 08/10/2022

Notice

All the students of SE, TE & BE are hereby informed that we plan a **Training programme on Digital Global Positioning system** from **10/10/2022 to 14/10/2022**, at **10:00 am** onwards.

All students are informed to attend training on all five days on 10:00 am without failure.

Schedule of training programme is mentioned below:

Schedule of Training Programme on DGPS

Sr. No.	Session	Name of Resource Person	Topic Covered	Date	Time
1	1	Er. Tushar Kakade	Introduction to DGPS	10/10/2022	10:00 AM To 12:30 PM
	2		Hands on Training		1:00 PM To 4:30 PM
2	3	Er. Manish Bayas	Survey using DGPS	11/10/2022	10:00 AM To 12:30 PM
	4				1:00 PM To 4:30 PM
3	5	Er. Prafulla Pawar	Data acquisition	12/10/2022	10:00 AM To 12:30 PM
	6		Report Writing		1:00 PM To 4:30 PM
4	7	Er. Pranjal Pawar	Preparation of Survey Drawing	13/10/2022	10:00 AM To 12:30 PM
	8				1:00 PM To 4:30 PM
5	9		Exam and feedback	14/10/2022	10:00 AM To 12:30 PM
	10		Valedictory function		1:00 PM To 4:30 PM

Note:

- Report yourself in seminar hall before 15 minutes of each session.
- Uniform & I-cards Card is compulsory during training programme.



[Signature]
8/10/22

H.O.D

ADD ON COURSE ON ANDROID APP DEVELOPMENT

A Five day course
24th -29 th OCT 2022

organised by

Department Of
Computer Engineering



Vishwatmak Om
Gurudev College of
Engineering

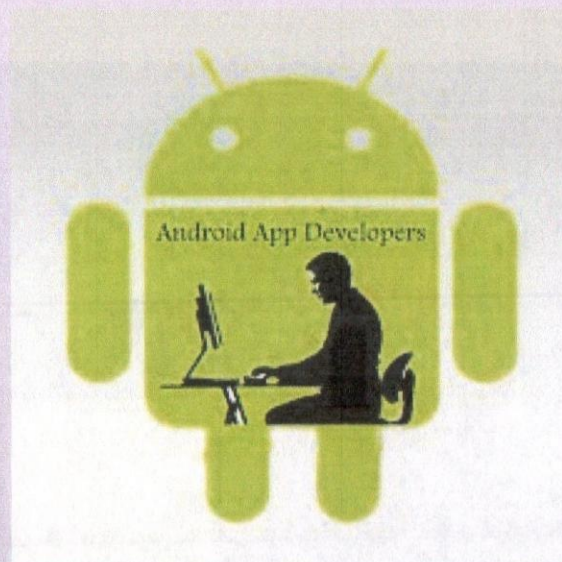


[Affiliated to MSBTE, Mumbai , Approved by AICTE, New
Delhi & DTE, M.S.]

At : Mohili , Post : Aghai , Via Kalyan , Dist. : Thane ,
421301

Course objectives

1. Android basics, its architecture and the mobile apps market
2. Various components of Android and application life cycle resources
3. Creating Menus and Layouts in Android
4. Using the SQLite database for creating Android applications
5. Working on animation, content creation, data storage and Maps API
6. Working with Android Studio, DDMS, Listeners and other tools
7. Designing interactive apps with multimedia
8. Publishing the apps on the Google Play store



Course outcomes

After completion of the course students should be able to:

1. Install and configure Android application development tools.
2. Design and develop user Interfaces for the Android platform.
3. Save state information across important operating system events.
4. Apply Java programming concepts to Android application development

Resource person :-
Mrs. Diya Sharma

Coordinator :- Prof. pooja shinde

740183180

Course Pre-requisites :

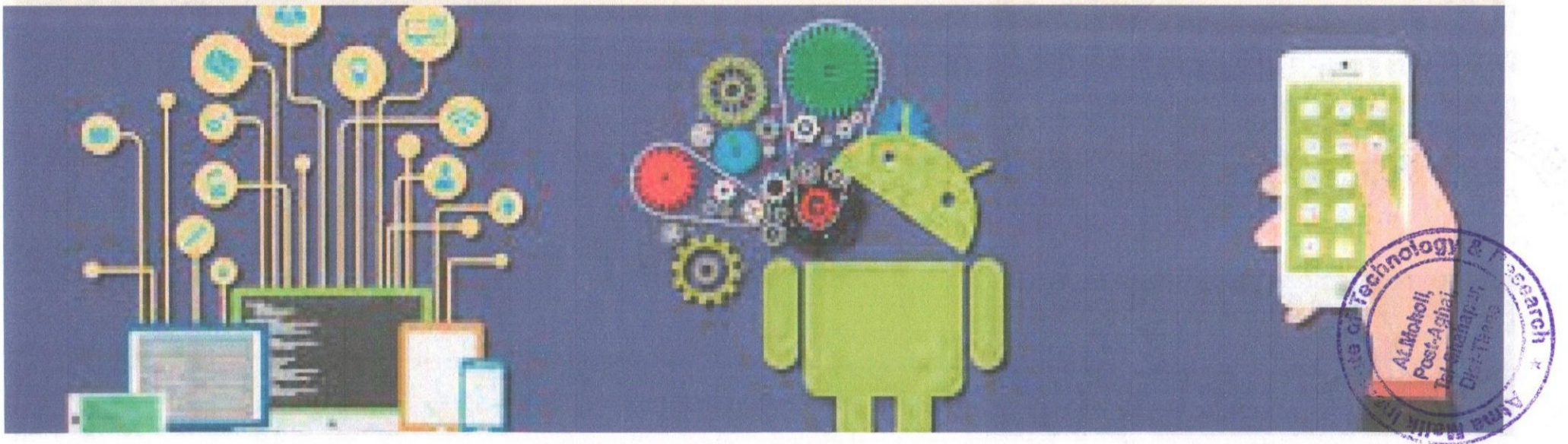
It is easy to develop simple android applications. We can simply use some basic knowledge and can create simple applications using drag and drop functionality provided by Android Studio. But for creating a complex applications one should have proper understanding of the 4 main core components of android which are as follows 1) Activities. 2) Content Providers. 3) Services. 4) Broadcast Receivers.

Career Prospects :

As an Android application developer, you can expect to work for a variety of different employers, including technology companies, startups, and consulting firms. These developers may also be self-employed, working as freelancers or consultants. Some of the most common job titles for Android developers include software engineer, mobile developer, and application developer.. Overall, a career as an Android application developer can be a rewarding and lucrative choice for those with the necessary skills and experience.

Course Contents :

- Introduction to Java and Android Duration (6 Hrs)
- Systems Programming and JNI Concepts (6 Hrs)
- Android Graphics and Multimedia (7 Hrs)
- 3D graphics in OpenGL and Android Widget (7 Hrs)
- Android Networking (7 Hrs)
- Complete App Development (7 Hrs)





Vishwatmak Jangli Maharaj Ashram Trust's
Atma Malik Institute of Technology & Research (AMRIT)
Department of Computer Engineering

ACAD-DI-68	ADD ON NOTICE	Academic Year: 2022-23
Rev : 00		Semester: <u>ODD</u>
Date: 11-7-2022		

All students are hereby informed that Computer department is going to start a **ADD ON COURSE ON ANDROID APP DEVELOPMENT** from **24TH OCT 2022 - 29TH OCT 2022**. certificate workshop in from for their benefits in the near future.

The last date of enrollment is :-18/10/2022

Note:

1. The course is free of cost and the successful candidates will be issued certificates by the college which will help them in future.
2. Admission is on First Come First Serve Basis. Number of seats is limited.


Activity In charge


H.O.D(Comp)


Principal
Principal
Atma Malik Institute of Technology & Research
Al.Moholi, Post-Aghai, Tal-Shahapur, Dist-Thane



AN IQAC INITIATIVE
**Workshop On Fluid
Simulation Using Sim
Software**

5 Day Certified Workshop

10-14 April, 2023

Organized By

MECHANICAL DEPARTMENT



**ATMA MALIK INSTITUTE
OF TECHNOLOGY AND
RESEARCH**

[Affiliated to MSBTE, Mumbai ,
Approved by AICTE, New Delhi
& DTE, M.S.]

At: Mohili, Post: Aghai, Via
Kalyan , Dist.: Thane, 421301



Contact Us



Phone:
7218663456



www.vishwatmakengg.in



Address:
H742+63R, Maharashtra State
Highway 79, Mohili, Mohili,
Maharashtra 421601



Fluid Simulation

Resource Person: Prof. Manoj Choudhari

Course Objectives

Upon completion of this course, you will be able to:

- Define fluid flow simulations in the 3DEXPERIENCE platform, including isothermal internal and external steady-state flow.
- Perform fully coupled conjugate heat transfer (CHT) simulations.
- Postprocess flow simulation results.

Why Fluid Simulation

Computational fluid dynamics helps engineers design products in which the flow of fluid components is a major challenge. Applications include conjugate heat transfer, turbomachinery, fluid-structure interaction, combustion and multiphase simulation, among many others

Learn about the various types of CFD simulations and the advancement of this technology in industrial applications such as oil and gas, aerospace, automotive, electric vehicles, energy generation and HVAC.”

Course Content

1. **Introduction to Hydraulics and Pneumatics** (6 Hrs)
 - Basics of Hydraulics and Pneumatics
 - Identification of symbols of all types of valves in hydraulics and pneumatics.
 - Meter in circuit and meter out circuit.
 - Sequencing circuit using CASACADE method and Shift Register Method.
2. **Introduction to Hydraulics and Pneumatics** (6 Hrs.)
 - Basic electrical symbols used in hydraulic.
 - Basic electrical symbols used in pneumatic
 - Electro Hydraulic circuit using direct control
3. **Introduction to Electro-Hydraulics Circuits** (6 Hrs.)
 - Electro Hydraulic circuit using indirect control
 - Electro pneumatic circuit using direct control
4. **Electro pneumatic circuit using indirect control** (6Hrs.)
5. **Identification of Relay, Solenoid valve** (6 Hrs)

What is a fluid simulation?





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Vishwatmak Jangli Maharaj Ashram Trust's
ATMA MALIK INSTITUTE OF TECHNOLOGY AND RESEARCH
Department of Mechanical Engineering

ACAD-DI-68	NOTICE	Academic Year: 2022-23
Rev : 00		Semester: EVEN
Date: 11-7-2022		

Date: 05/04/2023

ADD ON Program

Students those who have enrolled for the ADD ON Course on “**Fluid Simulation**” are hereby informed that workshop is scheduled from **10th April to 14th April 2023**.

Venue: CAD/CAM Lab


Rewards: Certificate will be issued to all the participant who will successfully complete the course.


For any query contact;

Prof. R. S. Gaikwad (7218663456) Assistant Professor, Mechanical Engg

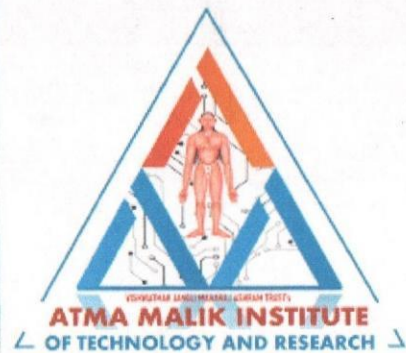

Prof. R. S. Gaikwad

Program Coordinator


Prof. G. E. Chavan
HOD Mechanical Engg.


Dr.D. D. Shinde
Principal





A Five day Certificate
course on
**Communication
skills**

02-06 May 2023

Organized by

Department of Engineering
Sciences And Humanities

**Atma Malik Institute
of Technology and
Research
(An IQAC Initiative)**

[Affiliated to MSBTE, Mumbai,
Approved by AICTE, New Delhi & DTE,
M.S.]

At: Mohili, Post: Aghai, Via Kalyan,
Dist.: Thane, 421301



Resource Person:

Mrs. Manali Ramnarayan

Coordinator: Prof. Tejaswini Nehe

Course Objective :-

The main objective of this course is to empower professionals with—

- the understanding of the essential components of effective communication
- real-time feedback on their language structure, tone and non-verbal nuances
- the ability to recognise flaws in their own communication style
- capability to practice recommended methods for effective communication and make personal improvements
- understanding of the importance of effective communication personally and professionally
- express ideas fluently through conversation
- use their words, tone and posture to match the objective of their communication successfully
- techniques to build rapport easily
- use assertiveness to bring out the best in one's communication

Course Content :-

Module-1 :	Duration :	04 Hours
Introduction to Effective Communication: The Characteristics of an Effective Communicator Importance of Communication in the 21st Century Communication Self-Assessment Basics of Communication Elements of Effective Communication Summary		
Module-2 :	Duration :	04 Hours
Core Components of Effective Communication: An Introduction Components of Communication - Verbal Communication Importance of the Tone Non - Verbal Communication Application and Practice Assessment and Personal Constructive Feedback		
Module-3 :	Duration :	04 Hours
Effective Verbal Communication: What You Say Matters Effect and Impact of Power Words Positive Communication Words for Success Words to Avoid Practice Activities & Constructive Feedback		
Module-4 :	Duration :	04 Hours
Vocal Impact: Introduction The 'How' of Effective Communication Pronunciation and Syllable Stress Common Grammatical Errors Construct Effective Sentences Word Stress for Vocal Impact Role-plays and Constructive Feedback		
Module-5 :	Duration :	04 Hours
Non-Verbal Communication: Introduction Body Language Elements of Non-Verbal Communication Do's and Don'ts Interpretation of Various Body Signals Recommended Postures for Workplace Communication Summary and Practice.		
Module-6 :	Duration :	03 Hours
Role of Listening in Communication: Introduction Listening The Impact of Listening on Communication The 3 Levels of Listening Listening with Empathy How to Display Effective Listening Practice Activities & Constructive Feedback		
Module-7 :	Duration :	04 Hours
Probing and Acknowledgment: Introduction Questioning Skills Use of Effective Probing In Communication What is Acknowledgement? Benefits of a Sincere Acknowledgements The Conversation Cycle Rapport Building Summary & Assignment.		
Module-8 :	Duration :	03 Hours
Assertive Communication: Types of Communication Introduction to Assertiveness The Art of Assertive Communication Applying Communication Components Effectively Cross-cultural Communication Summary & Personal Constructive Feedback Personal Development Plan		



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Vishwatmak Jangli Maharaj Ashram Trust's

Atma Malik Institute of Technology & Research (AMRIT)

Department of Department of Engineering Sciences and Humanities

ACAD-DI-68	Notices for Certificate Course	Academic Year: 2022-
Rev : 00		Semester: EVEN
Date: 11/07/2022		

Date 17/04/2023

We would like to let you know that our college will begin a certificate programme on the following topics from May 02 through May 06, 2023 (5 Days):

EFFECTIVE COMMUNICATION SKILLS

The course is free, and those who successfully complete it will receive certificates from the college that will be useful to them in the future.

The first person who arrives gets in.

Seating is constrained.

For registration, Contact:

Prof. Tejaswini Nehe , Assistant Professor, DESH

Prof. Vaishnavi Rajkor , Assistant Professor, EXTC Department

Prof. Swati Sonawane , Assistant Professor, Civil Department.

Prof. Jagruti Gujare , Assistant Professor, Computer Department.

Prof. Sonali Patil, Assistant Professor, Mechanical Department.


Program Coordinator


Principal



!! Sabka Malik Atma!!

Vishwatmak Jangli Maharaj Ashram Trust's

Atma Malik Institute of Technology & Research (AMRIT)

Department of Department of Engineering Sciences and Humanities

EFFECTIVE COMMUNICATION SKILLS

Course contents

1. **Introduction to Effective Communication:** The Characteristics of an Effective Communicator, Importance of Communication in the 21st Century, Communication Self-Assessment, Basics of Communication, Elements of Effective Communication, Summary
2. **Core Components of Effective Communication:** An Introduction-Components of Communication, Verbal Communication, Importance of the Tone, Non – Verbal Communication, Application and Practice, Assessment and Personal Constructive Feedback
3. **Effective Verbal Communication:** What You Say Matters, Effect and Impact of Power Words, Positive Communication, Words for Success, Words to Avoid, Practice Activities & Constructive Feedback
4. **Vocal Impact:** Introduction - The 'How' of Effective Communication, Pronunciation and Syllable Stress, Common Grammatical Errors, Construct Effective Sentences, Word Stress for Vocal Impact, Role-plays and Constructive Feedback
5. **Non-Verbal Communication:** Introduction - Body Language, Elements of Non-Verbal Communication, Do's and Don'ts, Interpretation of Various Body Signals, Recommended Postures for Workplace Communication, Summary and Practice
6. **Role of Listening in Communication:** Introduction - Listening, The Impact of Listening on Communication, The 3 Levels of Listening, Listening with Empathy, How to Display Effective Listening, Practice Activities & Constructive Feedback
7. **Probing and Acknowledgment:** Introduction - Questioning Skills, Use of Effective Probing In Communication, What is Acknowledgement?, Benefits of a Sincere Acknowledgements, The Conversation Cycle, Rapport Building, Summary & Assignment.
8. **Assertive Communication:** Types of Communication, Introduction to Assertiveness, The Art of Assertive Communication, Applying Communication Components Effectively, Cross-cultural Communication, Summary & Personal Constructive Feedback, Personal Development Plan.

Chief Patrons

Shri. Prakash Ji Mehta
Hon. President
(Vishwatmak Jangli Maharaj Trust)

Shri. Umesh Ji Jadhav
Hon. Executive President
(Vishwatmak Jangli Maharaj Trust)

Patron

Dr. Dnyandeo D Shinde
(Principal, VOGCE, Aghai)

Organising Committee

Miss. Samriddhi Shelavale
(HOD, Dept. of Civil Engg., VOGCE)

Mr. Milind Rohtash Gupta
(Asst. Professor, Dept. of Civil Engg., VOGCE)

Mr. Dattatray Patil
(Asst. Professor, Dept. of Civil Engg., VOGCE)

Mr. Prashant Vasudev Thakare
(Asst. Professor, Dept. of Civil Engg., VOGCE)

Miss. Divya Deepak Padave
(Asst. Professor, Dept. of Civil Engg., VOGCE)

Contact Details

Prof. Samriddhi Shelavale
(+91-88798 52225)
Prof. Dattatray Patil
(+91-9637860389)

Mail ID: vogcedeptcv2022@gmail.com

REGISTRATION FORM

Five Days Add On Course

"Python For Civil Engineers"

31st Jan to 4th Feb 2022

Name: _____

Designation: _____

Qualification: _____

Specialization: _____

Organization: _____

Department/Branch: _____

Address: _____

Mobile No: _____

E-Mail ID: _____

Cash/DD No./Cheque No.: _____

Name of Bank & Branch: _____

Amount: _____

Accommodation required Yes/No

Place: _____

Date: _____

Signature of Candidate

Signature of Authority



**Vishwatmak Om Gurudev
College of Engineering**
[Affiliated to MSBTE, Mumbai, Approved
by AICTE, New Delhi & DTE M. S.]

**Mohili, Post: Aghai, Via Kalyan,
Dist: Thane, 421601**

Department of Civil Engineering

Organizes

Five Days Add On Course ON "Python For Civil Engineers"

**Under
[Internal Quality Assurance Cell]**

**From
31st Jan to 4th Feb 2022**

About Trust

Vishwatmak Jangali Maharaj Ashram which located at Kokamthan near Shirdi, is a very powerful place for Meditation. Ashram was being founded by SADGURU ATMA MALIK. Everyone from all over the world is heartily invited here! VJMAT has started Educational Institutions since 1995 and year it is crossing new mile stones. We have about 11,000 students in 14 schools and colleges with faculty of 500 plus. These schools and colleges are located in Maharashtra, Gujrat and Karnataka.

Our Philosophy

The only truth in the universe is 'Atma' (the Divine Soul, the Self, Universal Energy, Consciousness or God). That's the only reality; everything else is transitory and perishable. Innumerable changes happen within nature, but Atma always remains constant, it neither has a beginning, nor an end. It is immortal.

Atma existed before any concept of God, so it is important to love and worship it. Contemplation and meditation on Atma even for a moment, can take us toward the experience that we and Atma are One (Self-realization) worshiping Atma is Worshiping all Gods.

Atma is present in all of us, residing in our heart, The easiest and most effective way to attain Atma is to meditate in the Self. Do not look for the Self outside but meditate within to realize God. Atma is formless and without any physical properties. It is easier to see Atma with a form. This manifestation in a form is One, who is always absorbed in Atma. Constant meditation on this form in our heart will lead to Self-realization.

Atma is omnipotent, omnipresent, omniscient. It Does not belong to any particular country, Worldview or religion. Any human begin can attain Self-realization by meditating upon Atma. Jesus Christ, the Buddha, Prophet Mohammed, Shri Krishna, Lord Mahavir, Guru Nanak, Prophet Zarathustra and other saints throughout history, all attained Self-realization because they meditated on Atma constantly and became One with Atma.

Our Inspiration

Every child has unique abilities. At Atma Malik Institute of Technology and Research, we nurture these unique abilities. We believe that education is not limited to the theories of books; it is beyond the pages of books that there's immense knowledge. One must tap into the full self potential to acquire this knowledge. And looking inwards is the best ways to do it.

At Atma Malik Institute of Technology and Research, we focus on student's holistic growth. Under the able guidance of our Guru Atma Malik Gurudev, we provide our students, a stimulating environment, enabling their young minds to think in constructive manner, giving their curiosities, a positive direction.

We are inspired by the philosophy of creating generation that has stronger and calmer minds, are progressive and operate from the values of compassion, mutual respect and trust. In this pursuit, we adopt quite a disciplined and unique methodology to mould our students. Yoga, Meditation, Sports and Cultural Programs are the integral part of the syllabus at our school which provides our students with enough opportunities of holistic growth.

About Civil Engineering Department

Department of Civil Engineering was established in the year 2011. Within a short span, it has achieved the lead in many areas of Academics, Cultural, and Sports etc. Civil Engineering is the most Versatile and Core branch of Engineering.

Increasing Competition and Complex Technological Breakthrough has widened the scope of Civil Engineering Branch.

Current innovative and rapidly growing construction industry imposes a huge demand for Civil Engineers. Considering this perspective, Civil Engineering department aims to mould the students into excellent engineering professionals by exposing them to different aspects of Civil Engineering such as hydraulics, environmental engineering, structures, water resources engineering and soil engineering.

Course Objectives

The Objectives of this course is to enable you to Forecasting of population for urban planning, Flood Control, water supply distribution & sewerage system. Risk evaluation and moderation, for example, expectation of floods, seismic tremors, cyclones and other natural calamities.

Course Contents

Application of python for Open Channel Flow, Hydrology, Groundwater Engineering, Structural Engineering, Environmental Engineering, Soil Mechanics and Quantity Analysis.

Eminent Speaker

Miss. Kranti Shejwal

Who should attend

- ❖ Faculty from Engineering, Polytechnic, Architecture Institutions.
- ❖ Delegates from Industry and R&D organisations working in the field.
- ❖ UG, PG students and Research Scholars.

Accommodation

Accommodation will be charged separately. The tariff and other information shall be communicated to the participants applying for accommodation.

How to apply

Interested participants should send by speed post/courier the filled registration form and cheque/DD to the following address:

Organiser CED

Vishwatmak Om Gurudev College of Engineering
Mohili, Post: Aghai, Dist: Thane, 421601

Registration Fee

Cheque/DD should be drawn in favour of "Vishwatmak Om Gurudev College of Engineering" payable at Thane.

!!Sabka Malik Atma!!
Vishwatmak Jangali Maharaj Ashram Trust's
vishwatmak om gurudev college of engineering

[Affiliated to MSBTE, Mumbai, Approved by AICTE, New Delhi & DTE M. S.]

At: Mohili, Post: Aghai, Via Kalyan, Dist: Thane, 421301

Department of Civil Engineering

Notice

Date: 24/1/2022

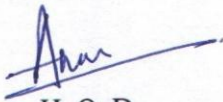
All the students of SE, TE & BE are hereby informed that we plan a **Add on course on Python For Civil Engineers** from 31/01/2022 to 4/2/2022, at 10:00 am onwards. All students are informed to attend training on all five days on 10:00 am without failure. Schedule of training programme is mentioned below:


Sr. No.	Session	Name of Resource Person	Topic Covered	Date	Time
1	1	Miss. Kranti Shejwal	Open Channel Flow	31/1/2022	10:00AM to 12:00 Noon
	2		Hydrology		1:00PM to 3:00PM
	3		Dupit's Equation		3:30 PM to 5:00PM
2	4		Transportation Engineering	1/2/2023	10:00AM to 12:00 Noon
	5		Infrastructural Engineering		1:00PM to 3:00PM
	6		Concrete Technology		3:30 PM to 5:00PM
3	7		Structural Engineering	2/2/2023	10:00AM to 12:00 Noon
	8				1:00PM to 3:00PM
4	9		Solid waste Engineering	3/2/2023	10:00AM to 12:00 Noon
	10		Environmental Engineering		1:00PM to 3:00PM
5	11		Soil Mechanics	4/2/2023	10:00AM to 12:00 Noon
	12		Foundation Engineering		1:00PM to 3:00PM
	13		Quality analysis		3:30 PM to 5:00PM

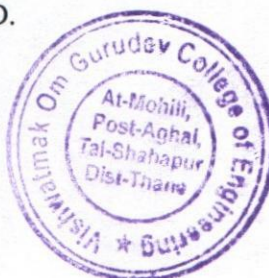
Note:

- ☐ Report yourself in seminar hall before 15 minutes of each session.
- ☐ Uniform & I-cards Card is compulsory during training programme.


Program Co-ordinator


H. O. D.


Principal



ADD ON COURSE ON PYTHON

A Five Day Certified workshop

31st Jan -4th Feb 2022

ORGANISED BY
Department Of
Computer Engineering

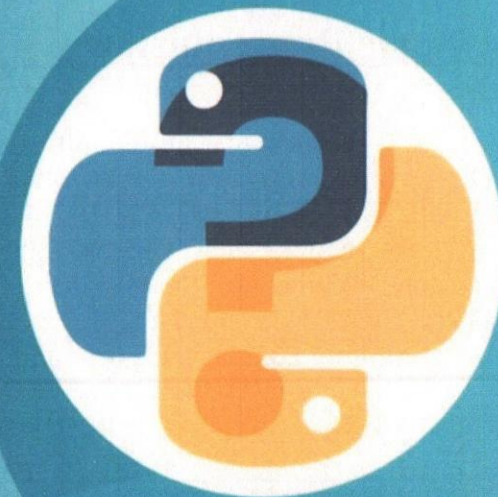


Vishwatmak Om Gurudev
College of Engineering



Affiliated to MSBTE, Mumbai, Approved by AICTE,
New Delhi & DTE, M.S.]
At : Mohili, Post : Aghai, Via Kalyan, Dist. : Thane,
421301

EVERYTHING YOU NEED TO KNOW ABOUT PYTHON



Course Objectives :

- Master the fundamentals of writing Python scripts
- Learn core Python scripting elements such as variables and flow control structures
- Discover how to work with lists and sequence data
- Write Python functions to facilitate code reuse
- Use Python to read and write files
- Make their code robust by handling errors and exceptions properly
- Work with the Python standard library
- Explore Python's object-oriented features
- Search text using regular expressions

Course Outcomes :

When students complete Intro to Programming with Python, they will be able to: Build basic programs using fundamental programming constructs like variables, conditional logic, looping, and functions. Work with user input to create fun and interactive programs.

Resource Person :- Mr.Santosh
Bhishe

Coordinator :- Prof. pooja shinde

7410183180

Course Pre-requisites :

Students should already be comfortable using the operating system (Linux, Unix, Windows, Solaris, macOS, etc.) on which they will be running Python. While not mandatory, basic skills with at least one other programming language are desirable.



Career Prospects:

Well for one Python scope is intensive in data science and analysis. Clients often want hidden patterns extracted from their data pools. It is also preferred in machine learning and artificial intelligence. Data scientists love Python. Also, in our article on applications of Python, we read about how Python is used everywhere in web development, desktop applications, data science, and network programming.

Course Contents :

- Introduction to Python Language. 4Hrs
- Features, the advantages of Python over other programming languages 6Hrs
- Python installation – Windows, Mac & Linux distribution for Anaconda Python 6Hrs
- Deploying Python IDE Basic Python commands, data types, variables, keywords and more Built-in data types in Python 6Hrs
- Learn classes, modules, Str(String), Ellipsis Object, Null Object, Ellipsis, Debug Basic operators, comparison, arithmetic, slicing and slice operator, logical, bitwiseLoop and control statements while, for, if, break, else, continue 6Hrs
- Understanding the Database, need of database installing MySQL on windows 6Hrs
- Understanding Database connection using Python.Hands-on Exercise – Demo on Database Connection using python and pulling the data. 6Hrs





!!Sab ka Malik Atma !!

Vishwatmak Jangali Maharaj Trust's

Vishwatmak Om Gurudev College of Engineering

Department Of Computer Engineering

Date: 18 /01/2022

NOTICE

All students are hereby informed that Computer Department is going to start **ADD ON COURSE ON PYTHON** from **31ST JAN 2022 - 4TH FEB 2022** for their benefits in the near future.

The last date of enrollment is :- 25/01/2022

Note:

1. The course is free of cost and the successful candidates will be issued certificates by the college which will help them in future.
2. Admission is on First Come First Serve Basis. Number of seats is limited.

Activity In charge

H.O.D

Principal

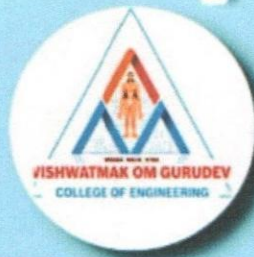
PRINCIPAL

Vishwatmak Om Gurudev College of Engineering
At-Mohili, Post-Aghai, Tal-Shahapur, Dist-Thane



4 Days Workshop on Arduino

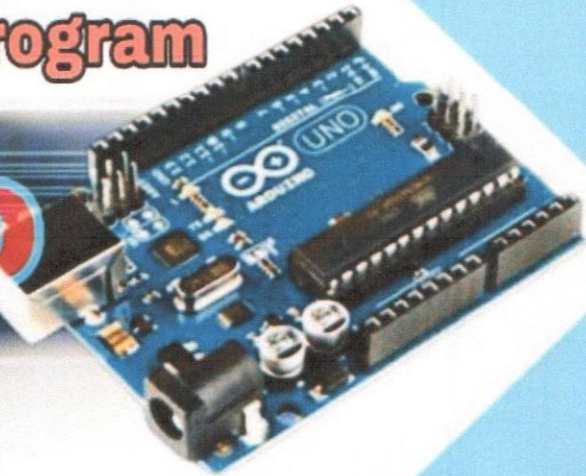
**FOUR Days
Hands On
Program**



Organised by
Vishwatmak Om Gurudev
College Of Engineering

- Introduction to Arduino
 - Arduino IDE
 - Library Addition
- 30 Hrs. Add
On Program**

Arduino



- Serial Communication
- Creating Functions
- Interfacing With IR Sensors
- Serial Interface
- More than 25 Projects/ Case studies

**Hurry Up!
Confirm Your
Seat**

**Just-
750 Rs
Per Student**

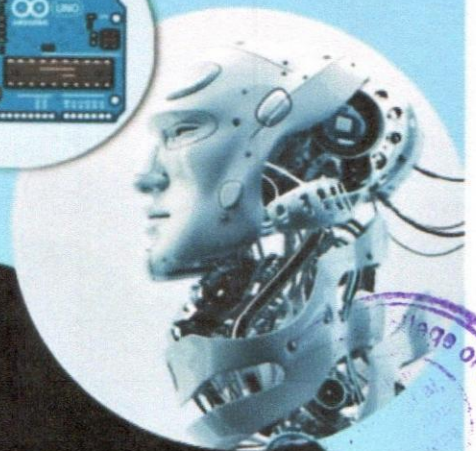
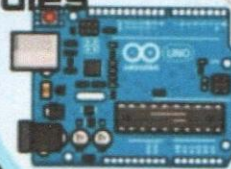


Guest Speaker

Mr. Chittaranjan P. Mahajan
Owner, Dolphin Labs
Founder President, Dolphin
Educational and
Research Society.(DEARS,
Pune)



Event Coordinator
Ass. Prof. Ganesh Sonawane



**Certificate Will be
Provided**

**Scan For More
Details**

Date : 7 to 11 April 2022

Venue : VOGCE

List of Experiments:

Following is the list of experiments will be carried out using Arduino boards and other peripheral devices:

- Digital Input & Digital Output

Experiments on digital input and digital output on Arduino Mega board and using LED and Buzzer.

- Analog Input & Analog Input

Experiments on analog input and analog output on Arduino Mega board using PWM. Different outputs on LED.

- LCD Display

Experiment on LCD display:-Print numbers, Name, Time etc.

- Serial Port

Serial Communication between Arduino board and PC:-character send and received, Read and display voltage

- DC Motor Control

Experiments on DC Motor to control motor speed and direction of rotation.

- Servo Motor Control

Experiments on servo Motor to rotate servo motor.

- Stepper Motor Control

Experiments on Stepper Motor to rotate bidirectional.

- TV Remote

Experiments on TV Remote with LCD.

- Timer

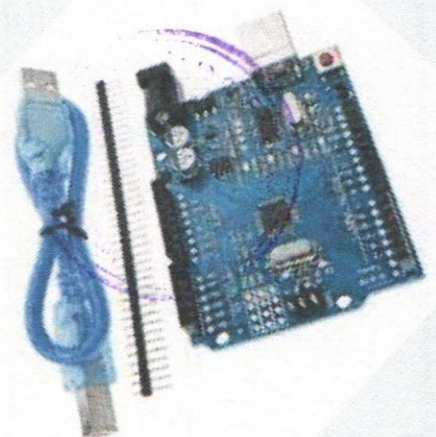
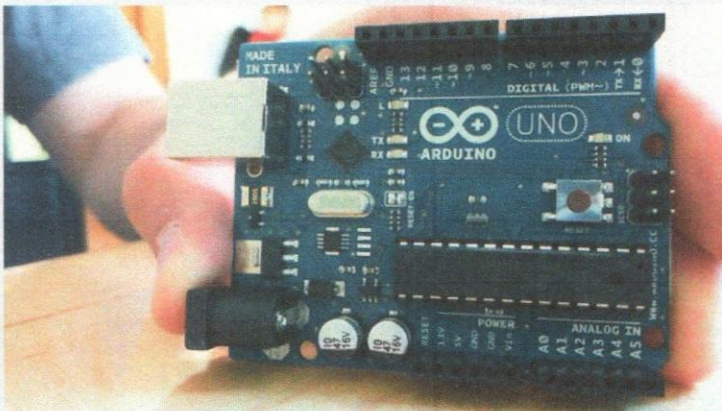
- Experiments with Timer:-play tones, time interval measurement etc.

- Ethernet

- Experiment on Ethernet with web page static IP

- Bluetooth & Wi-Fi

Experiments on Blue tooth and Wi-Fi



Learning Objectives: To provide knowledge of different Smart System applications. To familiarize students with Arduino as IDE, programming language & platform. To provide knowledge of Arduino boards and basic components. Develop skills to design and implement various smart system application.

Learning Outcomes:

Upon completing the course, students will be:

- Familiar with Arduino environment and its applications.
- Able to understand Arduino programming with C++.
- Able to Design Smart systems applications.
- Learn and understand about any new IDE, compiler, and MCU chip in Arduino compatible boards or similar types.

Table of contents

Chapter 1: Exploring the Arduino Board and the IDE (1hr)
Chapter 2: Building Blocks (1hr)
Chapter 3: Working with Functions (1hr)
Chapter 4: Numbers, Variables, and Arithmetic (1hr)
Chapter 5: Expanding Your Arduino (2hr)
Chapter 6: LED Numeric Displays and Matrices (2hr)
Chapter 7: Liquid Crystal Displays (3hr)
Chapter 8: Creating your own Arduino Libraries (1hr)
Chapter 9: Numeric Keypads (2hr)
Chapter 10: Accepting User Input with Touchscreens (1hr)
Chapter 11: Meet the Arduino Family (2hr)
Chapter 12: Motors and Movement (3hr)
Chapter 13: Using GPS with Your Arduino (3hr)
Chapter 14: Wireless Data (2hr)
Chapter 15: Infrared Remote Control (3hr)
Chapter 16: Reading RFID Tags (3hr)
Chapter 17: Data Buses (1hr)

Vishwatmak Jangli Maharaj Ashram Trust's
Vishwatmak Om Gurudev College of Engineering

DATE: 05/04/2022

NOTICE

Greetings from the Electronics and Telecommunication Department!!!!!!!!!!!!!!

All the students of VOGCE are hereby informed that the hands on program on **5 DAY ADD ON COURSE ON "ARDUINO BASED AUTOMATION"** has been organized for all branches of engineering degree and diploma.

The contents of the workshop are attached.

Registration fee: **750/- per student.**

Date : **7th April 2022 - 11th April 2022**

Time : **09:30 pm to 6:00 pm**

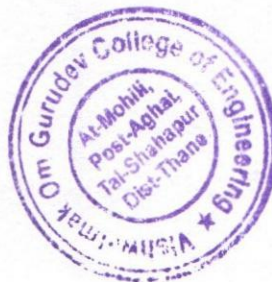
Guidelines for students:

- Group of five students will be made. Each group should have a laptop.
- All the components, training board will be provided by Dolphin Labs and then to be returned back to them.
- 85% ATTENDANCE IS COMPULSORY FOR CERTIFICATE.


EVENT ORGANIZER


HOD EXTC


PRINCIPAL



Certified Workshop on Introduction to Robotics

5 Day Certified Workshop

3 Jan- 7 Jan, 2022

ORGANIZED BY
MECHANICAL DEPARTMENT
UNDER IQAC INITIATIVE



VISHWATMAK OM
GURUDEV COLLEGE OF
ENGINEERING

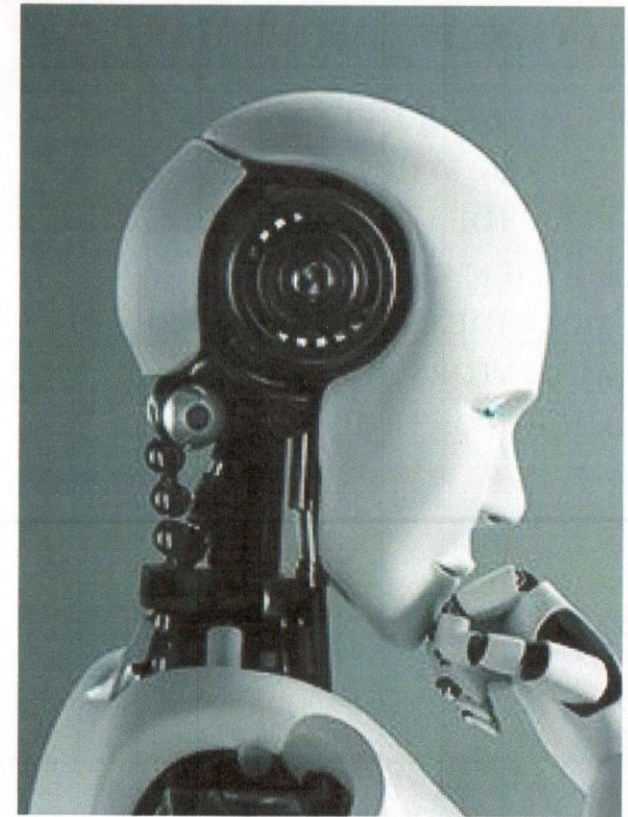
[Affiliated to MSBTE, Mumbai ,
Approved by AICTE, New Delhi & DTE,
M.S.]

At: Mohili, Post: Aghai, Via Kalyan , Dist.:
Thane, 421301

RESOURCE PERSON: MR. ANWESH VIRKUNWAR

COURSE OBJECTIVES:

- TO PROVIDE AN INTRODUCTION TO ROBOTICS AND AUTOMATION INCLUDING ROBOT CLASSIFICATION, DESIGN AND SELECTION, ANALYSIS AND APPLICATIONS IN INDUSTRY.
- TO PROVIDE INFORMATION ON VARIOUS TYPES OF END EFFECTORS, THEIR DESIGN, INTERFACING AND SELECTION.
- TO PROVIDE THE DETAILS OF OPERATIONS FOR A VARIETY OF SENSORY DEVICES THAT ARE USED ON ROBOT , THE MEANING OF SENSING, CLASSIFICATION OF SENSOR, THAT MEASURE POSITION, VELOCITY & ACCELERATION OF ROBOT JOINT.
- TO FAMILIARIZE THE BASIC CONCEPTS OF TRANSFORMATIONS PERFORMED BY ROBOT.
- TO PERFORM KINEMATICS AND TO GAIN KNOWLEDGE ON PROGRAMMING OF ROBOTS.



COURSE OUTCOMES:

- THE STUDENTS ARE ABLE TO:
- UNDERSTAND BASIC COMPONENTS OF ROBOTICS, CLASSIFICATION OF ROBOTS AND THEIR APPLICATIONS.
- KNOW ABOUT TYPES OF ROBOT GRIPPERS, THEIR USAGE AND DESIGN CONSIDERATIONS.
- UNDERSTAND ABOUT VARIOUS TYPES OF SENSORY DEVICES, THEIR WORKING AND APPLICATIONS.
- APPLY BASIC TRANSFORMATIONS RELATED TO THE MOVEMENT OF THE MANIPULATOR.
- DESIGN A ROBOT MECHANISM TO MEET KINEMATICS REQUIREMENTS AND TO WRITE SIMPLE PROGRAMS.

CONTACT US:

EMAIL ID:

KKMANIAYRVOGCE@GMAIL.COM

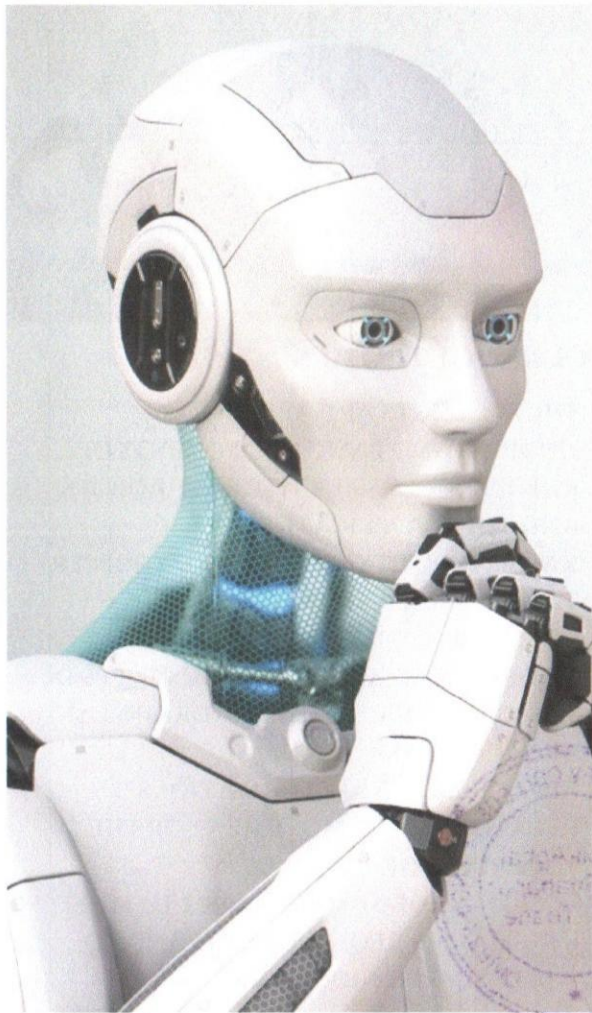
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WWW.VISHWATMAKENGGINIA



COURSE PREREQUISITES

- TO GET FULL BENEFIT OF THIS COURSE, STUDENTS NEED TO HAVE BASIC IDEA PROGRAMMING AND MATHEMATICS.
- BASIC IDEA ABOUT SENSORS AND ACTUATORS AND MICROCONTROLLERS.



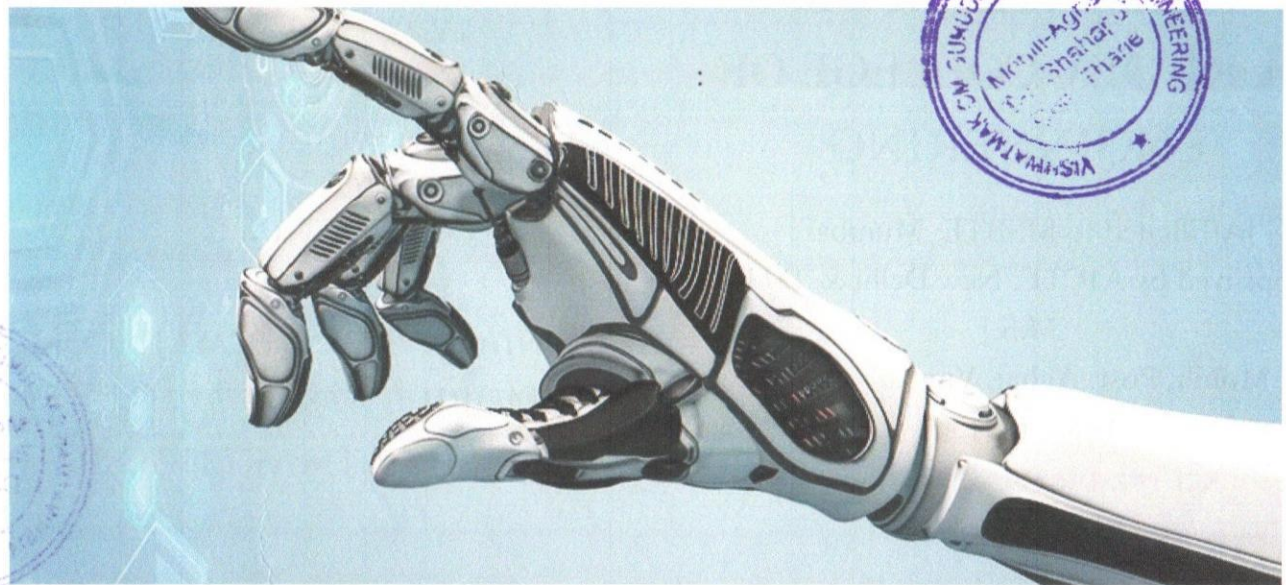
COURSE CONTENTS

- INTRODUCTION TO ROBOTICS
- BASICS OF ROBOTICS
- MECHANICAL WORKING
- INTRODUCTION TO MICROCONTROLLERS
- BASIC PROGRAMMING
- INTRODUCTION TO SENSORS



CAREER PROSPECTS:

THE FIELD OF ROBOTICS HAS A VERY BRIGHT FUTURE AHEAD, AND SOON THERE WILL BE A GREAT INCREASE IN THE USE OF SOPHISTICATED ROBOTS THAT WILL WORK IN COLLABORATION WITH HUMANS. ROBOTS WILL INCREASE ECONOMIC GROWTH AND PRODUCTIVITY AND CREATE NEW CAREER OPPORTUNITIES FOR MANY PEOPLE WORLDWIDE. THE BEST THING ABOUT ROBOTS IS THAT THEY WILL NOT REPLACE HUMAN WORKERS, BUT WILL HELP THEM IN THEIR WORK. THEREFORE IF YOU AIM TO HAVE A GREAT CAREER IN ROBOTICS THIS COURSE WILL BE OF GREAT HELP.





!! Sabka Malik Atma !!
Vishwatmak Jangli Maharaj Ashram Trust's
Vishwatmak Om Gurudev College of Engineering
Department of Mechanical Engineering

Date: 20/12/2021

Notice

All students are hereby informed that our Mechanical Engineering Department is offering an Add On Course on **"Introduction to Robotics"** dated **3rd Jan to 7th Jan 2022**. The workshop aims to develop creativity in students across subjects and grades. Certificates will be issued to all participants who will successfully complete the course. Those who are interested contact the Program Coordinator for Registration.

The last date for registration: 29th, Dec. 2021.

Note:

1. The workshop is on a first come first served basis and thus also has limited seats.
2. This workshop is totally free.

Prof. S. B. Dhone
Program Coordinator

Prof. K.G. Maniyar
HOD Mechanical Engg.

Dr. D. D. Shinde
Principal





!! Sabka Malik Atma !!
Vishwatmak Jangli Maharaj Ashram Trust's
Vishwatmak Om Gurudev College of Engineering
Department of Mechanical Engineering

Course Contents		
Module-1 :	Duration :	5 hours
Introduction to Robotics: Brief history, Existing robotics applications and types of robots, Robotics as a field and its constituents, Control theory (Kinematic and dynamic), Cybernetics, AI, Sensors.		
Module-2 :	Duration :	5 hours
Basics of Robotics: Locomotion, Tyres, Power Supplies, Transmission Systems, Good Engineering Practices, Basic Electrical Control System, General idea of PCB's and Related Software's.		
Module-3 :	Duration :	5 hours
Mechanical Working: Differential drive system, Differential drives kinematics, Differential drive dynamics, Dead reckoning, Actuators, Control Of Servos, and Motor Driver.		
Module-4 :	Duration :	5 hours
Introduction To Microcontrollers: Architecture, Functioning, Overview of available microcontrollers, Features and capabilities will be studied in depth, Functioning and use of RS-232.		
Module-5:	Duration :	5 hours
Basic Programming: Microcontroller Programming, In System Programming, Programming the chip, How to program a microcontroller to generate PWM, LCD Interfacing, Controlling H-bridge, Developing algorithms for Intelligent ROBOTS and writing programs for the same.		
Module-6 :	Duration :	5 hours
Introduction To Sensors: Types And Functioning Of Sensors, Hands- On Assembling The Advanced Obstacle Avoider, Assembling The Advanced Line Follower, Assembling The Wall Follower, Some Applications Of Mobile Robotics.		





**A Five day Certificate
Course on
Foundation of
Human Behavior**

14-18 Feb 2022

Organised By
**Vishwatmak Om Gurudev
College of Engineering
(An IQAC Initiative)**

**Department Of Engineering Sciences And
Humanities**

[Affiliated to MSBTE, Mumbai, Approved by AICTE, New Delhi & DTE, M.S.]

At: Mohili, Post: Aghai, Via Kalyan, Dist.: Thane, 421301

Resource Person:

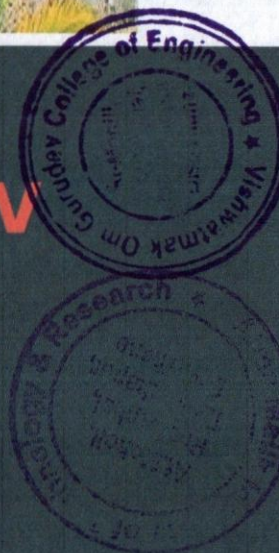
Mr. Gopi Gilbile

Coordinator:

Prof. Tejaswini Nehe



8097264430



Course

Objectives:

- To imbibe social values among students.
- To enable them to cope with peer pressure.
- To bring environment sensitivity among learners.
- To sensitize the learners about personal and corporate social responsibility.
- To inculcate professional ethics among the students..

Course

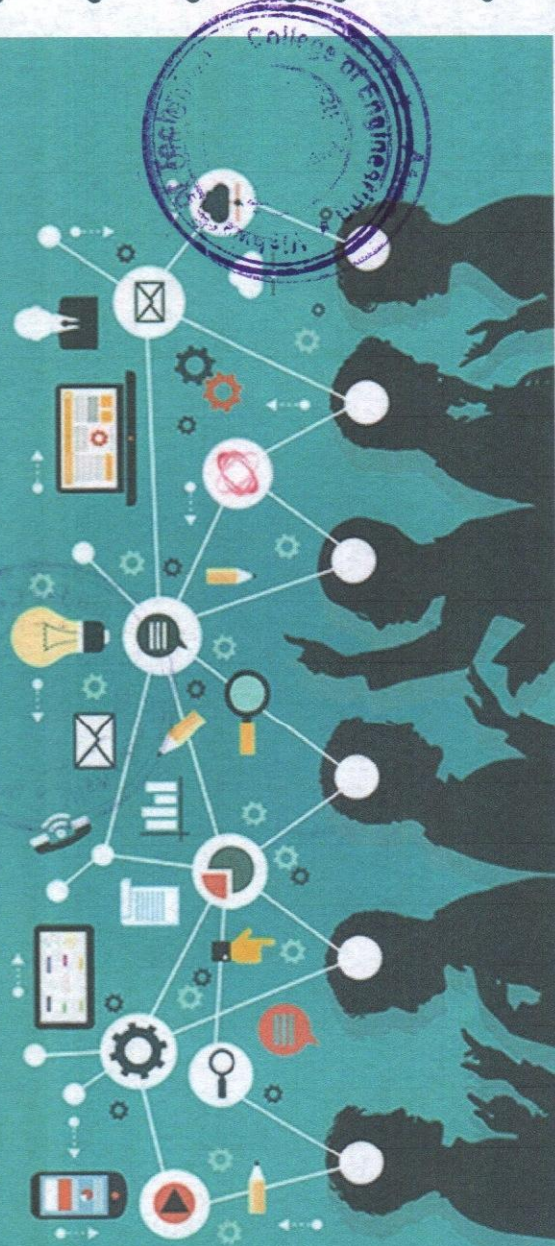
Outcomes:

- Students were empathetic towards elders, children, and disadvantaged sections of society.
- Students felt confident in handling peer related pressures.
- Students felt socially responsible and their interest in being good citizen of the country.
- Students were awarded with certificate on completion of 30 hours of the Course successfully

Contents:

- Introduction - 2 Hours
- Understanding Mindfulness – Society Perspective - 2 Hours
- Personal Social Responsibility (PSR) - 2 Hours
- Care to Elders, Children & Disadvantaged Sections of Society. - 2 Hours
- Values, Rights, Duties & Responsibilities of Citizens - 3 Hours
- Environment & Sustainability - 2 Hours
- Gender Equity & Sensitization - 3 Hours
- Technology & Ethics - 2 Hours
- Handling Peer Pressure - 2 Hours
- Corporate Social Responsibility - 2 Hours
- Business Ethics - 2 Hours
- Prevention Of Sexual Harassment (POSH) - 4 Hours
- Summary - 2 Hours

HUMAN BEHAVIOUR SAYS IT ALL





!! Sabka Malik Atma !!
Vishwatmak Jangali Maharaj Ashram Trust's
VISHWATMAK OM GURUDEV COLLEGE OF ENGINEERING
DEPARTMENT OF ENGINEERING SCIENCE AND HUMANITIES

Date: 24/01/2022

NOTICE

Certificate Course

All students are thus informed that from February 14 through February 18, 2022, our college will be offering a free certificate course in the following subject:

FOUNDATION OF HUMAN BEHAVIOR

Duration of course: 5 days per course (Detail course content is enclosed here)

All participants who successfully finish the course will receive a certificate.

For registration, Contact:

Prof. Tejaswini Nehe , Assistant Professor, DESH

Prof. Nisha Shelar , Assistant Professor, EXTC Department

Prof. Samruddhi Shelavale, Assistant Professor, Civil Department.

Prof. Yogeshwari Hardas , Assistant Professor, Computer Department.

Prof. Sonali Patil, Assistant Professor, Mechanical Department

Prof. Tejaswini Nehe

Program Coordinator

Dr. D. D. Shinde

Principal

PRINCIPAL



Vishwatmak Om Gurudev College of Engineering
Atmeholi, Post-Aghai, Tal-Shahapur, Dist-Thane



!! Sabka Malik Atma !!

Vishwatmak Jangli Maharaj Ashram Trust's

Vishmatmak Om Gurudev College Of Engineering (VOGCE)

Department of Engineering Science And Humanities

Certificate Course

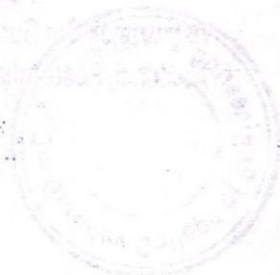
FOUNDATION OF HUMAN BEHAVIOUR

Course contents

- Care to Elders, Children & Disadvantaged Sections of Society
- Handling Peer Pressure
- Prevention Of Sexual Harassment (POSH)
- Environment & Sustainability
- Personal Social Responsibility (PSR)
- Corporate Social Responsibility
- Business Ethics



PRINCIPAL
Vishwatmak Om Gurudev College of Engineering
Jangli Maharaj Ashram Trust



Chief Patrons

Shri. Prakash Ji Mehta
Hon. President
(Vishwatmak Jangli Maharaj Trust)

Shri. Umesh Ji Jadhav
Hon. Executive President
(Vishwatmak Jangli Maharaj Trust)

Patron

Dr. Rajesh R Jaware
(Principal, VOGCE, Aghai)

Organising Committee

Miss. Samriddhi Shelavale
(HOD, Dept. of Civil Engg., VOGCE)

Mr. Vaibhav Sudam Shinde
(Asst. Professor, Dept. of Civil Engg., VOGCE)

Mr. Dattatray Patil
(Asst. Professor, Dept. of Civil Engg., VOGCE)

Miss. Riddhi Priyesh Jage
(Asst. Professor, Dept. of Civil Engg., VOGCE)

Miss. Ashwini Vishnu Patil
(Asst. Professor, Dept. of Civil Engg., VOGCE)

Contact Details

Prof. Samriddhi Shelavale
(+91-88798 52225)

Prof. Dattatray Patil
(+91-9637860389)

Mail ID: vogcedeptcv2021@gmail.com

REGISTRATION FORM

Five Days Add On Course

"Recent Advancements In Structures And Materials"

1st to 5th February 2021

Name: _____

Designation: _____

Qualification: _____

Specialization: _____

Organization: _____

Department/Branch: _____

Address: _____

Mobile No: _____

E-Mail ID: _____

Cash/DD No./Cheque No.: _____

Name of Bank & Branch: _____

Amount: _____

Accommodation required Yes/No _____

Place: _____

Date: _____

Signature of Candidate

Signature of Authority



Vishwatmak Om Gurudev College of Engineering

[Affiliated to MSBTE, Mumbai, Approved by AICTE, New Delhi & DTE M. S.]

Mohili, Post: Aghai, Via Kalyan,
Dist: Thane, 421601

Department of Civil Engineering

Organizes

Five Days Add On Course

ON

"Recent Advancements In Structures And Materials"

Under

[Internal Quality Assurance Cell]

From

1st to 5th February 2021

About Trust

Vishwatmak Jangali Maharaj Ashram which located at Kokamthan near Shirdi, is a very powerful place for Meditation. Ashram was being founded by SADGURU ATMA MALIK. Everyone from all over the world is heartily invited here! VJMAT has started Educational Institutions since 1995 and year it is crossing new mile stones. We have about 11,000 students in 14 schools and colleges with faculty of 500 plus. These schools and colleges are located in Maharashtra, Gujrat and Karnataka.

Our Philosophy

The only truth in the universe is 'Atma' (the Divine Soul, the Self, Universal Energy, Consciousness or God). That's the only reality; everything else is transitory and perishable. Innumerable changes happen within nature, but Atma always remains constant, it neither has a beginning, nor an end. It is immortal.

Atma existed before any concept of God, so it is important to love and worship it. Contemplation and meditation on Atma even for a moment, can take us toward the experience that we and Atma are One (Self-realization) worshipping Atma is Worshipping all Gods.

Atma is present in all of us, residing in our heart, The easiest and most effective way to attain Atma is to meditate in the Self. Do not look for the Self outside but meditate within to realize God. Atma is formless and without any physical properties. It is easier to see Atma with a form. This manifestation in a form is One, who is always absorbed in Atma. Constant meditation on this form in our heart will lead to Self-realization.

Atma is omnipotent, omnipresent, omniscient. It Does not belong to any particular country, Worldview or religion. Any human being can attain Self-realization by meditating upon Atma. Jesus Christ, the Buddha, Prophet Mohammed, Shri Krishna, Lord Mahavir, Guru Nanak, Prophet Zarathustra and other saints throughout history, all attained Self-realization because they meditated on Atma constantly and became One with Atma.

Our Inspiration

Every child has unique abilities. At Atma Malik Institute of Technology and Research, we nurture these unique abilities. We believe that education is not limited to the theories of books; it is beyond the pages of books that there's immense knowledge. One must tap into the full self potential to acquire this knowledge. And looking inwards is the best ways to do it.

At Atma Malik Institute of Technology and Research, we focus on student's holistic growth. Under the able guidance of our Guru Atma Malik Gurudev, we provide our students, a stimulating environment, enabling their young minds to think in constructive manner, giving their curiosities, a positive direction.

We are inspired by the philosophy of creating generation that has stronger and calmer minds, are progressive and operate from the values of compassion, mutual respect and trust. In this pursuit, we adopt quite a disciplined and unique methodology to mould our students. Yoga, Meditation, Sports and Cultural Programs are the integral part of the syllabus at our school which provides our students with enough opportunities of holistic growth.

About Civil Engineering Department

Department of Civil Engineering was established in the year 2011. Within a short span, it has achieved the lead in many areas of Academics, Cultural, and Sports etc. Civil Engineering is the most Versatile and Core branch of Engineering.

Increasing Competition and Complex Technological Breakthrough has widened the scope of Civil Engineering Branch.

Current innovative and rapidly growing construction industry imposes a huge demand for Civil Engineers. Considering this perspective, Civil Engineering department aims to mould the students into excellent engineering professionals by exposing them to different aspects of Civil Engineering such as hydraulics, environmental engineering, structures, water resources engineering and soil engineering.

Course Objectives

Structural design is the methodical investigation of the stability, strength and rigidity of structures. The basic objective in structural analysis and design is to produce a structure capable of resisting all applied loads without failure during its intended life.

Course Contents

- ❖ Advanced Construction Materials
- ❖ Introduction to softwares in civil engineering Auto Cad 2D & 3D
- ❖ Design of building using 3D max
- ❖ Design of structural members using software Staddpro
- ❖ Design of structural members using software E-tab

Eminent Speaker

Mr. Pravin Thorat

(Shree Gajanan Consultancy Services, Pune)

Who should attend

- ❖ Faculty from Engineering, Polytechnic, Architecture Institutions.
- ❖ Delegates from Industry and R&D organisations working in the field.
- ❖ UG, PG students and Research Scholars.

Accommodation

Accommodation will be charged separately. The tariff and other information shall be communicated to the participants applying for accommodation.

How to apply

Interested participants should send by speed post/courier the filled registration form and cheque/DD to the following address:

Organiser CED

Vishwatmak Om Gurudev College of Engineering
Mohili, Post: Aghai, Dist: Thane, 421601

Registration Fee

Cheque/DD should be drawn in favour of "Vishwatmak Om Gurudev College of Engineering" payable at Thane.

!!Sabka Malik Atma!!
Vishwatmak Jangali Maharaj Ashram Trust's
vishwatmak om gurudev college of engineering

[Affiliated to MSBTE, Mumbai, Approved by AICTE, New Delhi & DTE M. S.]

At: Mohili, Post: Aghai, Via Kalyan, Dist: Thane, 421301

Department of Civil Engineering

Notice

Date: 22/1/2021


All the students of SE, TE & BE are hereby informed that we plan a **Add on course on Recent advancements in Structures and Materials** from 1/02/2021 to 5/2/2021, at 10:00 am onwards. All students are informed to attend training on all five days on 10:00 am without failure. Schedule of training programme is mentioned below:

Sr. No.	Session	Name of Resource Person	Topic Covered	Date	Time
1	1	Mr. Pravin Thorat	Advanced Construction Materials	1/2/2023	10:00AM to 12:00 Noon
	2				1:00PM to 3:00PM
	3				3:30 PM to 5:00PM
2	4		Introduction to softwares in civil engineering Auto Cad 2D & 3D	2/2/2023	10:00AM to 12:00 Noon
	5				1:00PM to 3:00PM
	6				3:30 PM to 5:00PM
3	7		Design of building using 3D max	3/2/2023	10:00AM to 12:00 Noon
	8				1:00PM to 3:00PM
4	9		Design of structural members using software Staddpro	4/2/2023	10:00AM to 12:00 Noon
	10				1:00PM to 3:00PM
5	11		Design of structural members using software E-tab	5/2/2023	10:00AM to 12:00 Noon
	12				1:00PM to 3:00PM
	13				3:30 PM to 5:00PM

Note:

- ☐ Report yourself in seminar hall before 15 minutes of each session.
- ☐ Uniform & I-cards Card is compulsory during training programme.


Program Co-ordinator


H. O. D.


Principal



Course objectives :

In this course we plan to give students an overview of the field of Cloud Computing, and an in-depth

the fundamental ideas behind Cloud Computing, the evolution of the paradigm, its applicability; benefits, as well as current and future challenges;

the basic ideas and principles in data center design; cloud management techniques and cloud software deployment considerations;

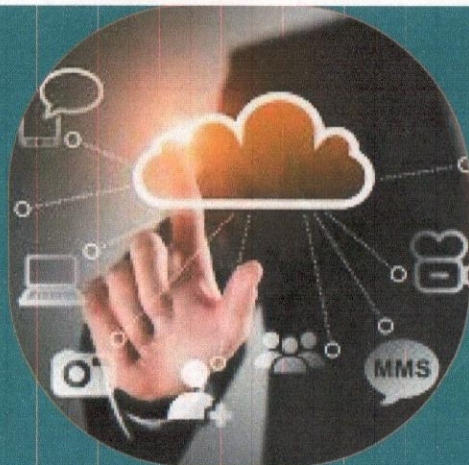
different CPU, memory and I/O virtualization techniques that serve in offering software, computation and storage services on the cloud; Software Defined Networks (SDN) and Software Defined Storage (SDS);

cloud storage technologies and relevant distributed file systems, NoSQL databases and object storage;

the variety of programming models and develop working experience in several of them.

**Resource
Person :- Mr.
Manish Girase**

**Coordinator :- Prof. Yogeshwari
Hardas 9158770776**



Course outcomes :

The primary learning outcomes of this course are five-fold. Students will be able to:

- 1) Explain the core concepts of the cloud computing paradigm: how and why this paradigm shift came about, the characteristics, advantages and challenges brought about by the various models and services in cloud computing.
- 2) Apply fundamental concepts in cloud infrastructures to understand the tradeoffs in power, efficiency and cost, and then study how to leverage and manage single and multiple datacenters to build and deploy cloud applications that are resilient, elastic and cost-efficient.
- 3) Discuss system, network and storage virtualization and outline their role in enabling the cloud computing system model.
- 4) Illustrate the fundamental concepts of cloud storage and demonstrate their use in storage systems such as Amazon S3 and HDFS.
- 5) Analyze various cloud programming models and apply them to solve problems on the cloud



Add on course on cloud computing

A Five day certified course

26 th -30 th AUG 2019

organised by

**Department Of
Computer Engineering**

**Vishwatmak Om Gurudev
College of Engineering**



[Affiliated to MSBTE, Mumbai , Approved by AICTE,
New Delhi & DTE, M.S.]

At : Mohili , Post : Aghai , Via Kalyan , Dist. : Thane ,
421301

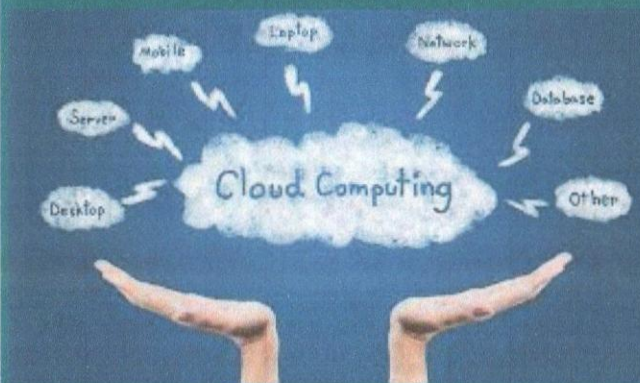
Course Pre-requisites :

- Pre-requisites for undergraduate students: A "C" or better in 15-213.
- Pre-requisites for graduate students: Knowledge of computer systems, programming and debugging, with a strong competency in at least one language (such as Java/Python), and the ability to pick up other languages as needed



Career Prospects :

Students will work in teams to design and implement a complete web-service that uses the REST interface to respond to queries that require running an analytics job on a large (1TB) twitter data set which is stored in a database (MySQL, HBASE, etc.). In this team project, student teams are expected to use different tools and services to achieve build a performing web-service that meets the requirements. The students' web-services are evaluated through a load generator for a fixed time period (several hours) by measuring the cost of AWS cloud resources used and their system's performance (throughput). There is an upper bound on the budget which could cause students to be disqualified. Students are evaluated based on how their service performs compared to a baseline.



Course Contents :

- Definition and evolution of Cloud Computing. Enabling Technologies, Service and Deployment Models, Popular Cloud Stacks and Use Cases. Benefits, Risks, and Challenges of Cloud Computing. **8 Hrs**
- Topics in Cloud Security. Historical Perspective of Data Centers. Datacenter Components: IT Equipment and Facilities. Design Considerations: Requirements, Power, Efficiency, & Redundancy. **8Hrs**
- Power Calculations, PUE and Challenges in Cloud Data Centers Virtualization (CPU, Memory, I/O) SDN, SDS **8Hrs**
- Introduction to Storage Systems. Cloud Storage Concepts Distributed File Systems (HDFS, Ceph FS) Cloud Databases (HBase, MongoDB, Cassandra, DynamoDB) **8Hrs**
- Distributed Programming for the Cloud. Data-Parallel Analytics with Hadoop MapReduce (YARN) Graph-Parallel Analytics with GraphLab 2.0 (PowerGraph) **8Hrs**





!!Sab ka Malik Atma !!

Vishwatmak Jangali Maharaj Trust's

Vishwatmak Om Gurudev College of Engineering

Department Of Computer Engineering

Date:12 /8/2019


NOTICE

All students are hereby informed that our Department is going to start a **ADD ON COURSE ON CLOUD COMPUTING** from **26 th august** to **30 th august 2019** for their benefits in the near future.


The last date of enrollment is :- 22/8/2019

Note:

1. The course is free of cost and the successful candidates will be issued certificates by the college which will help them in future.
2. Admission is on First Come First Serve Basis. Number of seats is limited.


Activity In charge


H.O.D(Comp)


Principal
PRINCIPAL
Vishwatmak Om Gurudev College of Engineering
At-Mohili, Post-Aghai, Tal-Shahapur, Dist-Thane

**5 DAY
ADD ON COURSE
on**

"Data Science"

**2nd Sep 2019 - 6th Sep 2019
(5 DAYS)**

RESOURCE PERSON

MR. SAGAR SONAWANE

COORDINATOR

**Prof. Sumit Kumar
Asst. Professor**

9503178547



VISHWATMAK OM GURUDEV COLLEGE OF ENGINEERING

**DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION
ENGINEERING**

**[Affiliated to MSBTE, Mumbai , Approved by AICTE,
New Delhi & DTE, M.S.]**

**At : Mohili , Post : Aghai , Via Kalyan , Dist. : Thane ,
421301**



Why DATA SCIENCE ?

The need for understanding big data and the skills of a Data Scientist will increase by 27.6%. As the data science course utilizes statistics and predictive analysis, the need for Data Scientists in the IT sector will rise. Hence, there will be greater job security and a good salary.

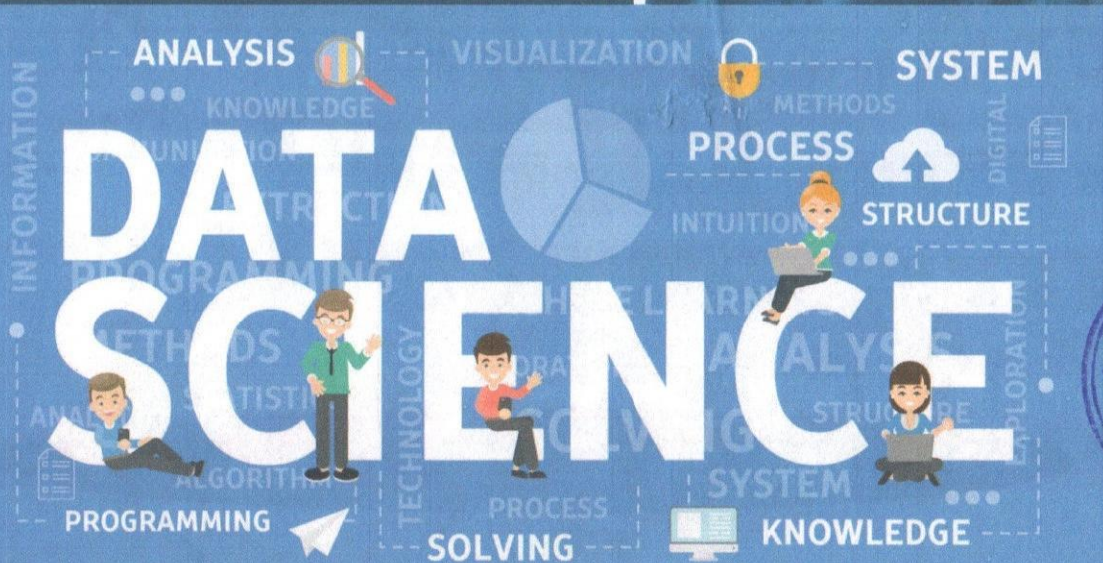
COURSE OUTCOMES:

Data Science Masters Course equips candidates with a thorough understanding of:

- Implementing different methodologies to find new trends and patterns
- Creating quantitative algorithms to organise a massive amount of data

COURSE CONTENTS :

- Introduction to Data Science - 1 hr
- Understanding Exploratory Data Analysis - 2 hr
- Machine Learning- hr
- Model selection and evaluation - 4 hr
- Data Warehousing- 5 hr
- Data Mining- 3 hr
- Data Visualization- 3 hr
- Cloud Computing- 2 hr
- Business Intelligence- 1 hr
- Storytelling with Data- 1 hr
- Communication and Presentation- 2 hr



!!SABKA MALIK ATMA!!
Vishwatmak Jangli Maharaj Ashram Trust's
Vishwatmak Om Gurudev College of Engineering

NOTICE

Greetings from the Electronics and Telecommunication Department.....!!!!!!!!!!!!!!


All the students of VOGCE are hereby informed that the hands on program on 5 DAY ADD ON Course on "Data Science" has been organized for engineering degree students.

Date : 2nd Sep 2019 - 6th Sep 2019

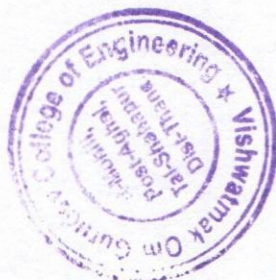
Time : 10:00 pm to 4:00 pm


EVENT ORGANIZER


HOD EXTC


PRINCIPAL
PRINCIPAL

Vishwatmak Om Gurudev College of Engineering
At-Mohili, Post-Aghai, Tal-Shehapur, Dist-Thane



Certified Workshop on 3 D Printing Technology

5 Day Certified Workshop
2- 6 March. 2020

ORGANIZED BY
Mechanical Department



VISHWATMAK OM
GURUDEV COLLEGE OF
ENGINEERING

*[Affiliated to MSBTE, Mumbai,
Approved by AICTE, New Delhi
& DTE, M.S.]*

*At: Mohili, Post: Aghai, Via
Kalyan, Dist.: Thane, 421301*

Resource Person: Mr. Nikhil Agrawal

COURSE OBJECTIVES:

3D Printing technology is one of the most popular manufacturing processes in the industry. As an engineer, a student should be aware of advanced manufacturing processes like 3D printing. To fulfill this skill in the students, a training workshop on programming in ultimaker Cura and operating modeling software like Solidworks & Tinkercad and practical session on 3D printing machine to make different parts as application has been organized. This program will help students with their projects, competitions and create better career profiles.

Course Outcomes

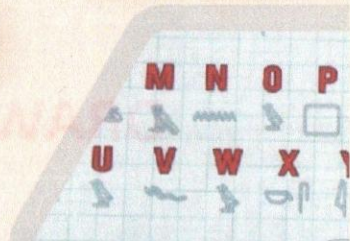
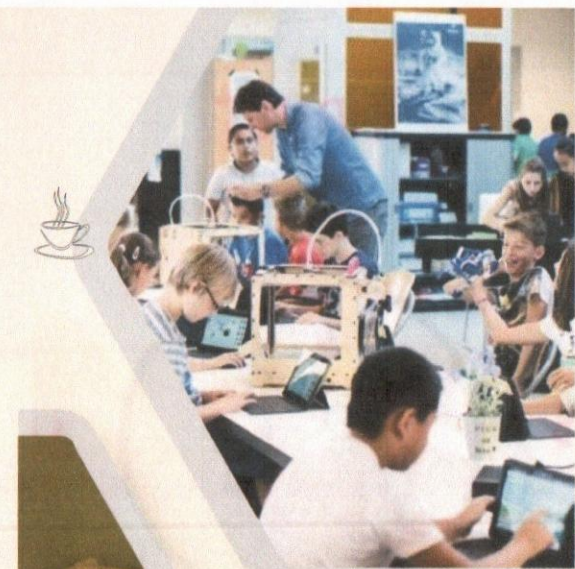
- The students are able to:
- Know about the use of 3D Printer for industrial applications
- Understand all the fundamental modules of the 3D Printer, such as Cura and Solidworks/Tinkercad software

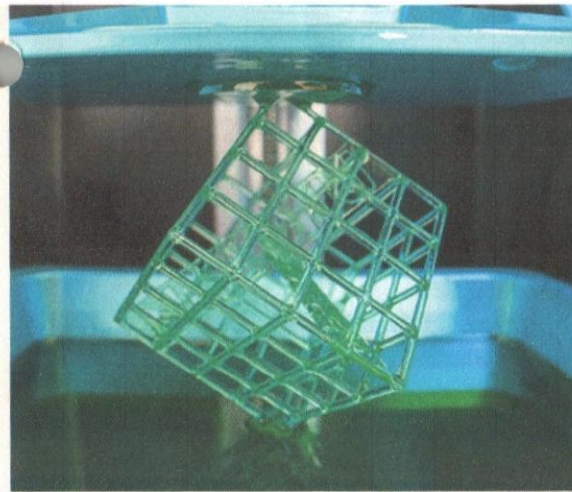
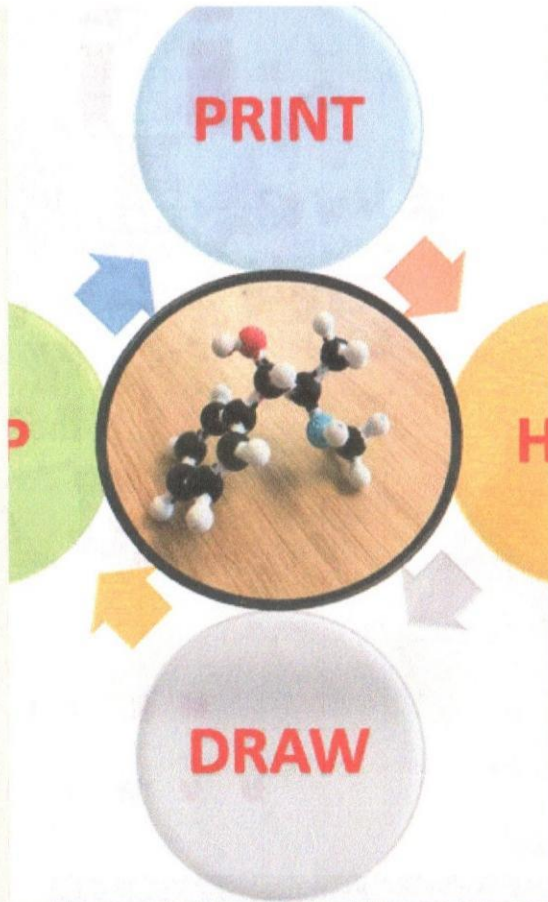
contact us:

email id:

vogcemech2020@gmail.com

MOBILE: 9096977520





Course Prerequisites

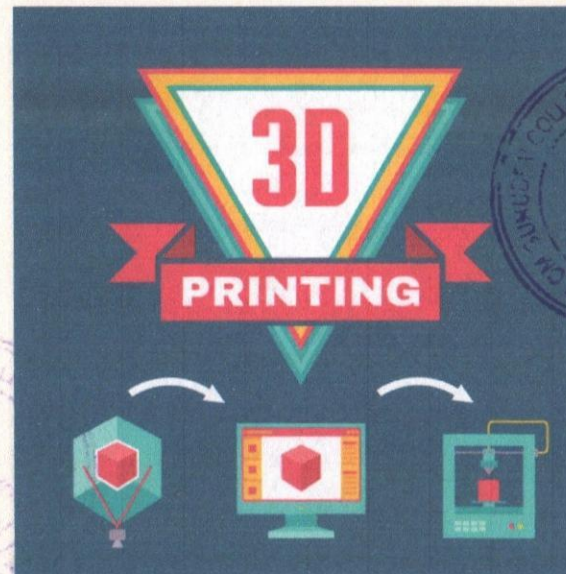
To get full benefit of this course, students need to have basic ideas about 3D Printers and 3D Printing technology.

Course Contents

- Introduction to 3 D Printing
- Solidworks/Tinkercad CAD Tool
- Preparing, Slicing and Printing 3D Model
- Filaments
- Printer Maintenance
- Hands on experience on 3D Printer & 3D printer software

Career Prospects

The key for the new generation of printers, especially industrial-grade solutions, will be the ability to handle a greater range of advanced materials. This opens the door for businesses to benefit from additive manufacturing in areas where they previously could not. Students can experience this process and learn how to create better designs like how the real workforce operates.



www.vishwatmakengg.in



!! Sabka Malik Atma !!
Vishwatmak Jangli Maharaj Ashram Trust's
Vishwatmak Om Gurudev College of Engineering
Department of Mechanical Engineering

Date: 14/02/2020

Notice

All students are hereby informed that our Mechanical Engineering Department is organizing an Add On Course on **"3 D Printing Technology"** dated **2nd March 2020 to 6th March 2020**. Through this workshop students are able to know about the use of 3D Printer for industrial applications also able to understand all the fundamental modules of the 3D Printer, such as Cura and Solidworks/ Tinkercad software. To get full benefit of this course, students need to have basic ideas about 3D Printers and 3D Printing technology.

Course Contents

Module-1: Introduction to 3 D Printing:

Overview, Brief history, Different 3D Printing Technologies, Manufacturing Processes, Where does FDM 3D Printing fit with you, the Maker? Filaments, 3D Printer Hardware, Workflow of 3D Printing: Taking Files From a 3D Model to Printer Code.

Module-2: Solidworks/Tinkercad CAD Tool:

Introduction of modeling tools and their importance, Solidworks software, Part modeling. Basic setup of software in PC, EGD model, Design of keychain 3D model for 3D Printing.

Module-3: Preparing, Slicing and Printing 3D Model:

Overview, Printer Install and General Overview of a Print Slicer, Model Manipulation, Advanced Settings in Cura, Printer Preparation, Removing a Print From the Bed & Print Results.

Module-4: Filaments:

Overview, ABS Overview, PLA Overview, Warping, Stringing, Overhangs and Supports.


Module-5: Printer Maintenance:


Mechanical Maintenance, Printing Replacement Parts, Additional Resources

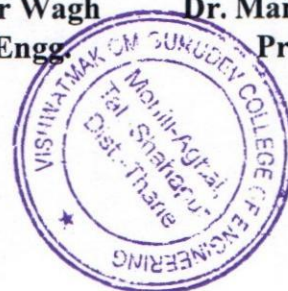
Module-6: Hands on experience on 3D Printer & 3D printer software:

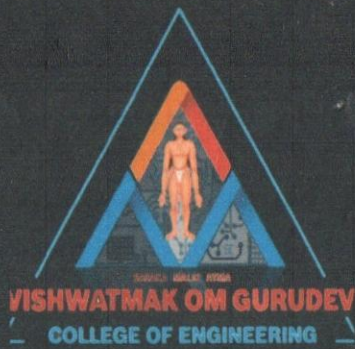
Processing and preparation of 3D key chain model for 3D printing on machine as per specification of Printer, Printing of own design keychain on 3 D printer.


Prof. Mahesh Salunke
Program Coordinator


Prof. Mahendrakumar Wagh
HOD Mechanical Engg.


Dr. Manoj Chavan
Principal





Vishwatmak Om Gurudev College of Engineering

[Affiliated to MSBTE, Mumbai,
Approved by AICTE, New Delhi &
DTE, M.S.]

At: Mohili, Post: Aghai, Via Kalyan,
Dist.: Thane, 421301



Department Of Engineering Sciences And
Humanities
Organised

A Five day Certificate Course on
ENTREPRENEURIAL SKILLS

14-18 Oct 2019

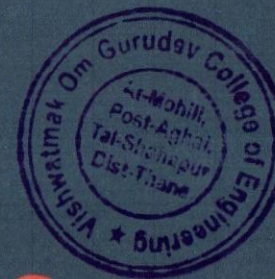
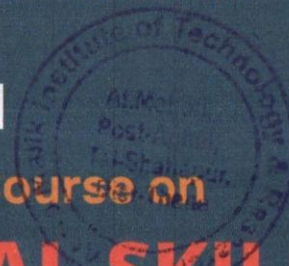
Resource Person:

Mr. Rajendra Nehe

Coordinator:

Prof. Prashant Bijwe

9823465071



Course Objective:-

The objective of this Entrepreneurship Skills Training Course is to enable you to—

- Understand the concepts entrepreneurship is built upon
- Learn how opportunity leads to a successful enterprise
- Understand the key factors influencing entrepreneurial possibilities
- Explain the motivation elements and motivation killers of an entrepreneur
- Prepare for the challenges that are faced by entrepreneur and how to overcome them
- Recognize and creatively think to design and innovate unique business opportunities
- Understand the skills and knowledge for running and managing a new business
- Learn to create effective business plans
- Discover new technologies that aid in project management
- Ensure that the infrastructure is appropriate for the business activities
- Learn the basics required to understand financials and reporting
- Implement policies, rules, and standard procedures to create a work culture
- Handle market research and strategies amid competitors

Course Content:-

Concepts of entrepreneurshipQualities of a Successful EntrepreneurImportant Skills for EntrepreneursEntrepreneur's Checklist for accomplishmentsEntrepreneurship – Creativity and business IdeasLaunching new venturesDevelop an Entrepreneurial mindsetOpportunities and thinking big	04 Hours
Vision, Mission, and ValuesNew project goal settingBusiness plans and profitabilityUnderstanding and studying CompetitorsImportance of Strategic Planning in business set-upApplying Innovation to Creative thinkingEstablishing a strong foundation through networking	04 Hours
Business KnowledgeDeveloping optimistic thinkingTaking up InitiativesUnderstanding Drive and PersistenceResilience during challenges and failuresRisk ManagementEstablishing Standard Operating Procedures (SOP)	04 Hours
Setting up Business InfrastructureInformation Technology and its proper useTaking advantage of TechnologyLegal, Compliance and HR RolesBusiness location and target marketPower of Networking and Social media	04 Hours
Leadership and Managerial SkillsCommunication SkillsPersonal Relations SkillsNegotiation SkillsCritical and Creative Thinking SkillProject Management SkillsPeople ManagementBusiness Ethics	04 Hours
Marketing Plans and Sales StrategiesLocation and Pricing StrategiesPrinciples of promotion and sellingBuilding an efficient salesforceBranding and ImagingProjections and ForecastingMarket research and analysisBusiness SWOT analysis	03 Hours
Finance and Budgeting SkillsCost and profit estimation and analysisCalculations of Returns on InvestmentCredit and cash-flow ManagementAnalysing and Generating FinancesFixed and Variable expensesUnderstanding the break-even pointAuditing and analysing financial reportsRecord Keeping and data storage	04 Hours
Performance ManagementBusiness Evaluation and setting KPIsBusiness and Personal target approachPresentation of ReportsBusiness Profits and ExpansionLearning from failures and building on successChallenges of Entrepreneurship DevelopmentVisionary leadership	03 Hours



!! Sabka Malik Atma !!
Vishwatmak Jangli Maharaj Ashram Trust's
Vishwatmak Om Gurudev College Of Engineering (VOGCE)
Department of Engineering Science And Humanities

Date: 26/09/2019

NOTICE

Certificate Course

All Students are informed that our college is going to start Certificate Course from 14 Oct. to 18 Oct. 2019 (5 Day) on:

ENTREPRENEURIAL SKILLS

Note:

1. The course is free of cost and successful participant will be issued certificates by the college which will help them in future.
2. Admission is on a First come First Serve basis.
3. Number of seats is limited.

For registration, Contact:

Prof. Prashant Bijwe , Assistant Professor, DESH

Prof. Sumit Kumar , Assistant Professor, EXTC Department

Prof. Mahesh Salunke, Assistant Professor, Mechanical Department

Prof. Pramod Yadav, Assistant Professor, Civil Department.

Prof. Priyanka Patil, Assistant Professor, Computer Department.


Program Coordinator




Principal

PRINCIPAL

Vishwatmak Om Gurudev College of Engineering
At-Mohili, Post-Aghai, Tal-Shahapur, Dist-Thane



!! Sabka Malik Atma !!

Vishwatmak Jangli Maharaj Ashram Trust's

Vishmatmak Om Gurudev College Of Engineering (VOGCE)

Department of Engineering Science And Humanities

Certificate Course

ENTREPRENEURIAL SKILLS

Course contents

- 1) **Model 1:-** Concepts of entrepreneurship, Qualities of a Successful Entrepreneur, Important Skills for Entrepreneurs, Entrepreneur's Checklist for accomplishments, Entrepreneurship – Creativity and business Ideas, Launching new ventures, Develop an Entrepreneurial mindset, Opportunities and thinking big.
- 2) **Model 2:-** Vision, Mission, and Values, New project goal setting, Business plans and profitability, Understanding and studying Competitors, Importance of Strategic Planning in business set-up, Applying Innovation to Creative thinking, Establishing a strong foundation through networking
- 3) **Model 3:-** Business Knowledge, Developing optimistic thinking, Taking up Initiatives, Understanding Drive and Persistence, Resilience during challenges and failures, Risk Management, Establishing Standard Operating Procedures (SOP)
- 4) **Model 4:-** Setting up Business Infrastructure, Information Technology and its proper use, Taking advantage of Technology, Legal, Compliance and HR Roles, Business location and target market, Power of Networking and Social media.
- 5) **Model 5:-** Leadership and Managerial Skills, Communication Skills, Personal Relations Skills, Negotiation Skills, Critical and Creative Thinking Skill, Project Management Skills, People Management, Business Ethics
- 6) **Model 6:-** Marketing Plans and Sales Strategies, Location and Pricing Strategies, Principles of promotion and selling, Building an efficient salesforce, Branding and Imaging, Projections and Forecasting, Market research and analysis, Business SWOT analysis
- 7) **Model 7:-** Finance and Budgeting Skills, Cost and profit estimation and analysis, Calculations of Returns on Investment, Credit and cash-flow Management, Analysing and Generating Finances, Fixed and Variable expenses, Understanding the break-even point, Auditing and analysing financial reports, Record Keeping and data storage
- 8) **Model 8:-** Performance Management, Business Evaluation and setting KPIs, Business and Personal target approach, Presentation of Reports, Business Profits and Expansion, Learning from failures and building on success, Challenges of Entrepreneurship Development, Visionary leadership



Chief Patrons

Shri. Prakash Ji Mehta
Hon. President
(Vishwatmak Jangli Maharaj Trust)

Shri. Umesh Ji Jadhav
Hon. Executive President
(Vishwatmak Jangli Maharaj Trust)

Patron

Dr. Manojkumar Prabhakar Chavan
(Principal, VOGCE, Aghai)

Organising Committee

Dr. Archana Nivendra Mahajan
(HOD, Dept. of Civil Engg., VOGCE)

Miss. Samriddhi Shelavale
(Asst. Professor, Dept. of Civil Engg., VOGCE)

Mr. Dattatray Patil
(Asst. Professor, Dept. of Civil Engg., VOGCE)

Mr. Jignesh Abhay Nakhawa
(Asst. Professor, Dept. of Civil Engg., VOGCE)

Mr. Nilesh Prakash Bhilade
(Asst. Professor, Dept. of Civil Engg., VOGCE)

Contact Details

Prof. Samriddhi Shelavale
(+91-88798 52225)
Prof. Dattatray Patil
(+91-9637860389)

Mail ID: vogcedeptcv2020@gmail.com

REGISTRATION FORM

Five Days Add On Course

"Valuation of Land And Building"

3rd to 7th February 2020

Name: _____
Designation: _____
Qualification: _____
Specialization: _____
Organization: _____
Department/Branch: _____
Address: _____
Mobile No: _____
E-Mail ID: _____
Cash/DD No./Cheque No.: _____
Name of Bank & Branch: _____
Amount: _____

Accommodation required Yes/No

Place: _____
Date: _____

Signature of Candidate

Signature of Authority



Vishwatmak Om Gurudev College of Engineering

[Affiliated to MSBTE, Mumbai, Approved by AICTE, New Delhi & DTE M. S.]

Mohili, Post: Aghai, Via Kalyan,
Dist: Thane, 421601

Department of Civil Engineering

Organizes

Five Days Add On Course

ON

"Valuation of Land And Building"

Under

[Internal Quality Assurance Cell]

From

3rd to 7th February 2020

About Trust

Vishwatmak Jangali Maharaj Ashram which located at Kokamthan near Shirdi, is a very powerful place for Meditation. Ashram was being founded by SADGURU ATMA MALIK. Everyone from all over the world is heartily invited here! VJMAT has started Educational Institutions since 1995 and year it is crossing new mile stones. We have about 11,000 students in 14 schools and colleges with faculty of 500 plus. These schools and colleges are located in Maharashtra, Gujrat and Karnataka.

Our Philosophy

The only truth in the universe is 'Atma' (the Divine Soul, the Self, Universal Energy, Consciousness or God). That's the only reality; everything else is transitory and perishable. Innumerable changes happen within nature, but Atma always remains constant, it neither has a beginning, nor an end. It is immortal.

Atma existed before any concept of God, so it is important to love and worship it. Contemplation and meditation on Atma even for a moment, can take us toward the experience that we and Atma are One (Self-realization) worshipping Atma is Worshipping all Gods.

Atma is present in all of us, residing in our heart. The easiest and most effective way to attain Atma is to meditate in the Self. Do not look for the Self outside but meditate within to realize God. Atma is formless and without any physical properties. It is easier to see Atma with a form. This manifestation in a form is One, who is always absorbed in Atma. Constant meditation on this form in our heart will lead to Self-realization.

Atma is omnipotent, omnipresent, omniscient. It Does not belong to any particular country, Worldview or religion. Any human being can attain Self-realization by meditating upon Atma. Jesus Christ, the Buddha, Prophet Mohammed, Shri Krishna, Lord Mahavir, Guru Nanak, Prophet Zarathustra and other saints throughout history, all attained Self-realization because they meditated on Atma constantly and became One with Atma.

Our Inspiration

Every child has unique abilities. At Atma Malik Institute of Technology and Research, we nurture these unique abilities. We believe that education is not limited to the theories of books; it is beyond the pages of books that there's immense knowledge. One must tap into the full self potential to acquire this knowledge. And looking inwards is the best way to do it.

At Atma Malik Institute of Technology and Research, we focus on student's holistic growth. Under the able guidance of our Guru Atma Malik Gurudev, we provide our students, a stimulating environment, enabling their young minds to think in constructive manner, giving their curiosities, a positive direction.

We are inspired by the philosophy of creating generation that has stronger and calmer minds, are progressive and operate from the values of compassion, mutual respect and trust. In this pursuit, we adopt quite a disciplined and unique methodology to mould our students. Yoga, Meditation, Sports and Cultural Programs are the integral part of the syllabus at our school which provides our students with enough opportunities of holistic growth.

About Civil Engineering Department

Department of Civil Engineering was established in the year 2011. Within a short span, it has achieved the lead in many areas of Academics, Cultural, and Sports etc. Civil Engineering is the most Versatile and Core branch of Engineering.

Increasing Competition and Complex Technological Breakthrough has widened the scope of Civil Engineering Branch.

Current innovative and rapidly growing construction industry imposes a huge demand for Civil Engineers. Considering this perspective, Civil Engineering department aims to mould the students into excellent engineering professionals by exposing them to different aspects of Civil Engineering such as hydraulics, environmental engineering, structures, water resources engineering and soil engineering.

Course Objectives

The Objectives of this training is to teach trainee to determine the fair price or the correct value of a property, such as a building, a factory, a piece of land, etc. The present value or the current price of a particular structure is determined using this process.

Course Contents

- ❖ Principles of Economics – Microeconomics, Macroeconomics, Parallel Economy.
- ❖ Environmental Issues in Valuation
- ❖ Professional/Business Ethics and Standards
- ❖ Laws related to Real Estate, Report writing and Case study

Eminent Speaker

Mr. Vishal Deshmukh

(VIBHAD Interior Designer, Architect, Valuer)

Who should attend

- ❖ Faculty from Engineering, Polytechnic, Architecture Institutions.
- ❖ Delegates from Industry and R&D organisations working in the field.
- ❖ UG, PG students and Research Scholars.

Accommodation

Accommodation will be charged separately. The tariff and other information shall be communicated to the participants applying for accommodation.

How to apply

Interested participants should send by speed post/courier the filled registration form and cheque/DD to the following address:

Organiser CED

Vishwatmak Om Gurudev College of Engineering

Mohili, Post: Aghai, Dist: Thane, 421601

Registration Fee

Cheque/DD should be drawn in favour of "Vishwatmak Om Gurudev College of Engineering" payable at Thane.



!!Sabka Malik Atma!!
Vishwatmak Jangali Maharaj Ashram Trust's
vishwatmak om gurudev college of engineering

[Affiliated to MSBTE, Mumbai, Approved by AICTE, New Delhi & DTE M. S.]

At: Mohili, Post: Aghai, Via Kalyan, Dist: Thane, 421301

Department of Civil Engineering

Notice

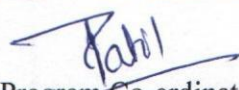
Date: 24/1/2020

All the students of SE, TE & BE are hereby informed that we plan a Add on Course on "Valuation of Land and Building" from 3/02/2020 to 7/2/2020, at 10:00 am onwards. All students are informed to attend training on all five days on 10:00 am without failure. Schedule of training programme is mentioned below:

Sr. No.	Session	Name of Resource Person	Topic Covered	Date	Time
1	1	Mr. Vishal Deshmukh	Principles of Economics – Microeconomics, Macroeconomics, Parallel Economy, Book-keeping and Accountancy	3/2/2020	10:00AM to 1:00 PM
	2		Law – General Introduction to Statistics		1:00PM to 4:00PM
2	3		Environmental Issues in Valuation	4/2/2020	10:00AM to 1:00 PM
	4		Professional/Business Ethics and Standards		1:00PM to 4:00PM
3	5		Laws related to Real Estate	5/2/2020	10:00AM to 1:00 PM
	6		Valuation of Real Estate, Income Approach to Value, Market Approach to Value		1:00PM to 4:00PM
4	7		Cost Approach to Value, Various purposes of Valuation, Important Case Laws on principles of valuation of Real Estate	6/2/2020	10:00AM to 1:00 PM
	8		Principles of Insurance and Loss Assessment		1:00PM to 4:00PM
5	9		Report writing	7/2/2020	10:00AM to 1:00 PM
	10		Case Study		1:00PM to 4:00PM

Note:

- ☐ Report yourself in seminar hall before 15 minutes of each session.
- ☐ Uniform & I-cards Card is compulsory during training programme.


Program Co-ordinator


H.O.D.


Principal



Chief Patrons

Shri. Prakash Ji Mehta
Hon. President
(Vishwatmak Jangli Maharaj Trust)

Shri. Umesh Ji Jadhav
Hon. Executive President
(Vishwatmak Jangli Maharaj Trust)

Patron

Dr. Manojkumar Prabhakar Chavan
(Principal, VOGCE, Aghai)

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(HOD, Dept. of Civil Engg., VOGCE)

Miss. Samriddhi Shelavale
(Asst. Professor, Dept. of Civil Engg., VOGCE)

Mr. Pramod Hanumant Yadav
(Asst. Professor, Dept. of Civil Engg., VOGCE)

Mr. Dattatray Pati
(Asst. Professor, Dept. of Civil Engg., VOGCE)

Mr. Mayur Mohan Suryavanshi
(Asst. Professor, Dept. of Civil Engg., VOGCE)

Contact Details

Prof. Samriddhi Shelavale
(+91-88798 52225)

Prof. Dattatray Patil
(+91-9637860389)

Mail ID: vogcedeptcv2019@gmail.com

REGISTRATION FORM

Five Days Add On Course

“Application of AI in Civil Engineering”

1st to 5th January 2019

Name: _____

Designation: _____

Qualification: _____

Specialization: _____

Organization: _____

Department/Branch: _____

Address: _____

Mobile No: _____

E-Mail ID: _____

Cash/DD No./Cheque No.: _____

Name of Bank & Branch: _____

Amount: _____

Accommodation required Yes/No

Place: _____

Date: _____

Signature of Candidate

Signature of Authority



Vishwatmak Om Gurudev College of Engineering

[Affiliated to MSBTE, Mumbai, Approved by AICTE, New Delhi & DTE M. S.]

Mohili, Post: Aghai, Via Kalyan,
Dist: Thane, 421601

Department of Civil Engineering

Organizes

Five Days Add On Course

ON

“Application of AI in Civil Engineering”

Under

[Internal Quality Assurance Cell]

From

1st to 5th January 2019

About Trust

Vishwatmak Jangali Maharaj Ashram which located at Kokamthan near Shirdi, is a very powerful place for Meditation. Ashram was being founded by SADGURU ATMA MALIK. Everyone from all over the world is heartily invited here! VJMAT has started Educational Institutions since 1995 and year it is crossing new mile stones. We have about 11,000 students in 14 schools and colleges with faculty of 500 plus. These schools and colleges are located in Maharashtra, Gujrat and Karnataka.

Our Philosophy

The only truth in the universe is 'Atma' (the Divine Soul, the Self, Universal Energy, Consciousness or God). That's the only reality; everything else is transitory and perishable. Innumerable changes happen within nature, but Atma always remains constant, it neither has a beginning, nor an end. It is immortal.

Atma existed before any concept of God, so it is important to love and worship it. Contemplation and meditation on Atma even for a moment, can take us toward the experience that we and Atma are One (Self-realization) worshipping Atma is Worshipping all Gods.

Atma is present in all of us, residing in our heart, The easiest and most effective way to attain Atma is to meditate in the Self. Do not look for the Self outside but meditate within to realize God. Atma is formless and without any physical properties. It is easier to see Atma with a form. This manifestation in a form is One, who is always absorbed in Atma. Constant meditation on this form in our heart will lead to Self-realization.

Atma is omnipotent, omnipresent, omniscient. It Does not belong to any particular country, Worldview or religion. Any human being can attain Self-realization by meditating upon Atma. Jesus Christ, the Buddha, Prophet Mohammed, Shri Krishna, Lord Mahavir, Guru Nanak, Prophet Zarathustra and other saints throughout history, all attained Self-realization because they meditated on Atma constantly and became One with Atma.

Our Inspiration

Every child has unique abilities. At Atma Malik Institute of Technology and Research, we nurture these unique abilities. We believe that education is not limited to the theories of books; it is beyond the pages of books that there's immense knowledge. One must tap into the full self potential to acquire this knowledge. And looking inwards is the best ways to do it.

At Atma Malik Institute of Technology and Research, we focus on student's holistic growth. Under the able guidance of our Guru Atma Malik Gurudev, we provide our students, a stimulating environment, enabling their young minds to think in constructive manner, giving their curiosities, a positive direction.

We are inspired by the philosophy of creating generation that has stronger and calmer minds, are progressive and operate from the values of compassion, mutual respect and trust. In this pursuit, we adopt quite a disciplined and unique methodology to mould our students. Yoga, Meditation, Sports and Cultural Programs are the integral part of the syllabus at our school which provides our students with enough opportunities of holistic growth.

About Civil Engineering Department

Department of Civil Engineering was established in the year 2011. Within a short span, it has achieved the lead in many areas of Academics, Cultural, and Sports etc. Civil Engineering is the most Versatile and Core branch of Engineering.

Increasing Competition and Complex Technological Breakthrough has widened the scope of Civil Engineering Branch.

Current innovative and rapidly growing construction industry imposes a huge demand for Civil Engineers. Considering this perspective, Civil Engineering department aims to mould the students into excellent engineering professionals by exposing them to different aspects of Civil Engineering such as hydraulics, environmental engineering, structures, water resources engineering and soil engineering.

Course Objectives

AI-enabled tools and software can help designers to automatically extract and analyze the data needed for design (such as material properties, energy data, environmental characteristics, etc.). Artificial intelligence can also be used to strengthen processes based on Building Information Modeling (BIM) methodology.

Course Contents

- ❖ Construction of building using AI
- ❖ Map building using AI
- ❖ Material management using AI
- ❖ Optimizations in design using AI
- ❖ Maintenance using AI
- ❖ Risk Control using AI

Eminent Speaker

Mr. Vijay Muthekar
(PCCOE, Pune)

Who should attend

- ❖ Faculty from Engineering, Polytechnic, Architecture Institutions.
- ❖ Delegates from Industry and R&D organisations working in the field.
- ❖ UG, PG students and Research Scholars.

Accommodation

Accommodation will be charged separately. The tariff and other information shall be communicated to the participants applying for accommodation.

How to apply

Interested participants should send by speed post/courier the filled registration form and cheque/DD to the following address:

Organiser CED

Vishwatmak Om Gurudev College of Engineering
Mohili, Post: Aghai, Dist: Thane, 421601

Registration Fee

Cheque/DD should be drawn in favour of "Vishwatmak Om Gurudev College of Engineering" payable at Thane.





!!Sabka Malik Atma!!
Vishwatmak Jangali Maharaj Ashram Trust's
vishwatmak om gurudev college of engineering

[Affiliated to MSBTE, Mumbai, Approved by AICTE, New Delhi & DTE M. S.]

At: Mohili, Post: Aghai, Via Kalyan, Dist: Thane, 421301

Department of Civil Engineering

Notice

Date: 28/12/2018

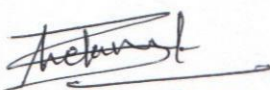
All the students of **SE, TE & BE** are hereby informed that we plan a **Add on Course** on **"Application of AI in Civil Engineering"** from **1/01/2019 to 5/1/2019**, at **10:00 am** onwards. All students are informed to attend training on all five days on 10:00 am without failure. Schedule of training programme is mentioned below:


Sr. No.	Session	Name of Resource Person	Topic Covered	Date	Time
1	1		Construction of building using AI	1/1/2019	10:00AM to 1:00 PM
	2				1:00PM to 4:00PM
2	3		Map building using AI	2/1/2019	10:00AM to 1:00 PM
	4				1:00PM to 4:00PM
3	5		Material management using AI	3/1/2019	10:00AM to 1:00 PM
	6				1:00PM to 4:00PM
4	7		Quality Management using AI	4/1/2019	10:00AM to 1:00 PM
	8				1:00PM to 4:00PM
5	9		Optimizations in design using AI		
	10				
			Maintenance using AI	5/1/2019	10:00AM to 1:00 PM
			Risk Control using AI		1:00PM to 4:00PM

Notes:

- ☐ Report yourself in seminar hall before 15 minutes of each session.
- ☐ Uniform & I-cards Card is compulsory during training programme.




Program Co-ordinator


H. O. D.


Principal

Add On Course On Linux

24 th-29th Dec 2018

ORGANISED BY

Department Of Computer Engineering



Vishwatmak Om Gurudev
College of Engineering



[Affiliated to MSBTE, Mumbai, Approved by AICTE,
New Delhi & DTE, M.S.]

At : Mohili, Post : Aghai, Via Kalyan, Dist. : Thane,
421301

Course Objectives :

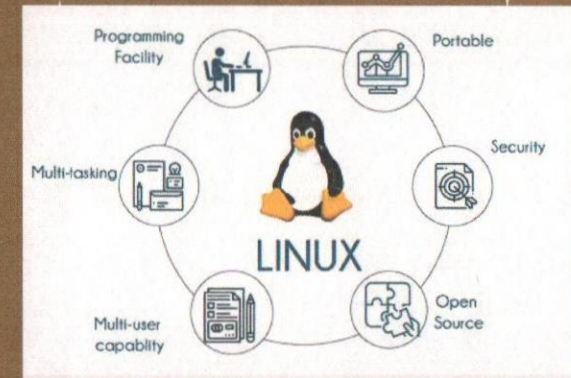
The course should enable the students to:

I. Familiarize students with the Linux environment, and able to run commands on a standard Linux operating system.

II. Provide the skills needed to develop and customize Linux shell programs and to make effective use of a wide range of standard Linux programming and development tools.

III. Design Able to write moderate C programs utilizing common system calls.

IV. Develop the skills necessary for system programming and inter and intra process communication programming.



Course Outcomes :

Upon completion of the course students should be able to Understand the basic commands of linux operating system and can write shell scripts.

Create file systems and directories and operate those using programs.

Understand the processes background and fore ground by process and signals system calls.

Create shared memory segments, pipes, message queues and can exercise inter process communication.

Create sockets and semaphores to inter process communication between process of different system.

Resource person :-
Mr. Yogesh Jadhav

Coordinator :-
Prof. Harshada Sonkamble
7718025242



Course Pre-requisites :

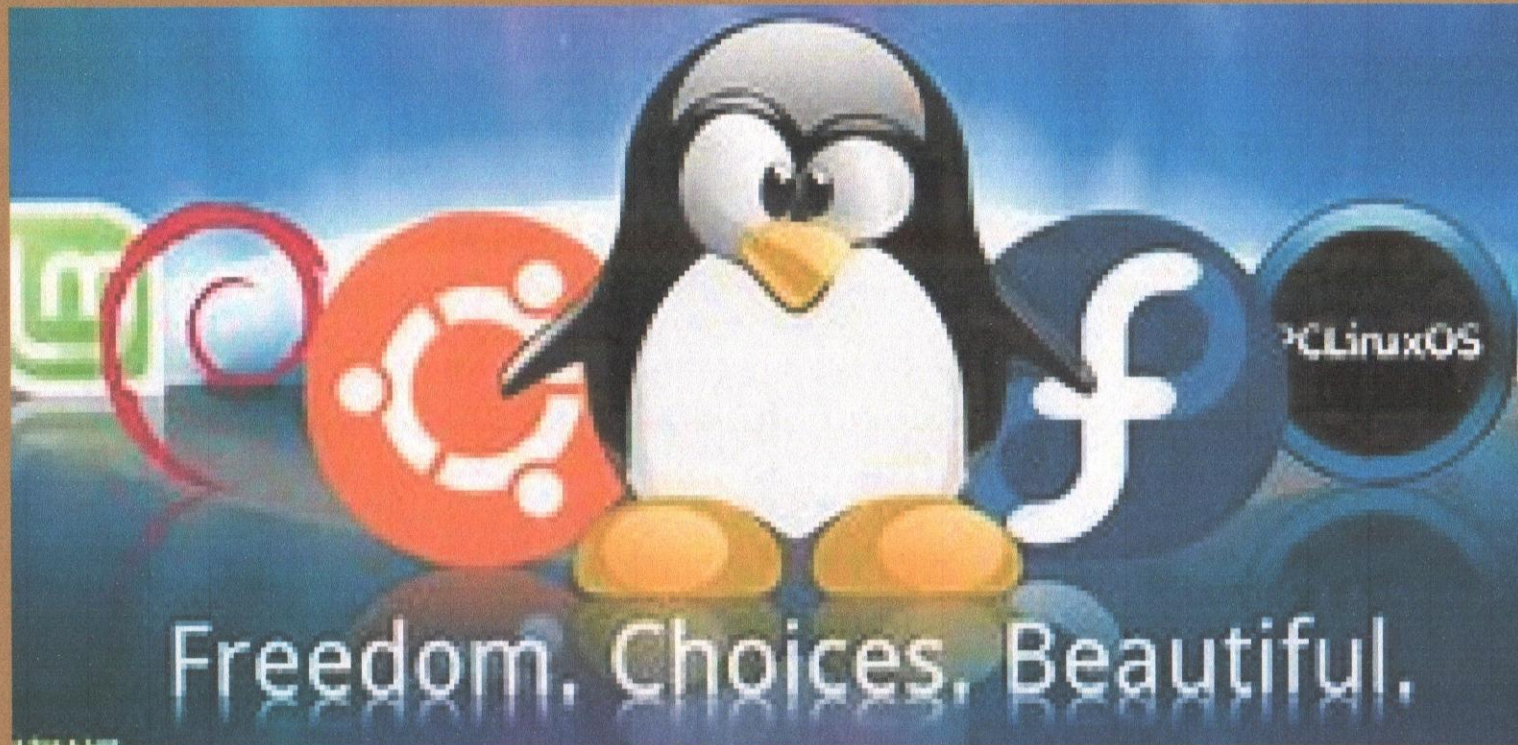
- Should be proficient in C programming
- Should have a Linux Machine on your PC/Laptop.

Career Prospects :

The demand for Linux professionals is never-ending, especially if you have a certification in Linux. Now a day, companies do not ask for a TechOps resource who is just experienced in working with Linux technology, but they are more interested in hiring a full stack developer who is capable of managing servers, cron jobs, schedule batches, apply load balances and basically can do everything that should be done by using a shell script. You do not need to worry about the jargon used in the last line. You will learn them as you start to work on Linux.

Course Contents :

- LINUX Utilities And Bourne Again shell (bash) 8 Hrs
- Files And Directories 8 Hrs
- Process And Signals 8 Hrs
- Interprocess Communication 8 Hrs
- Shared Memory And Sockets 8 Hrs





!!Sab ka Malik Atma !!

Vishwatmak Jangali Maharaj Trust's

Vishwatmak Om Gurudev College of Engineering

Department Of Computer Engineering

Date: 10 / 11 /2018

NOTICE

All students are hereby informed that Computer Department is going to start **ADD ON COURSE ON LINUX** from **24 th December to 29 th December 2018** for their benefits in the near future.

The last date of enrollment is :- 18/11/2018

Note:

1. The course is free of cost and the successful candidates will be issued certificates by the college which will help them in future.
2. Admission is on First Come First Serve Basis. Number of seats is limited.

Activity In charge

H.O.D(Comp)

Principal

PRINCIPAL

Vishwatmak Om Gurudev College of Engineering
A: Mohili, Post-Aghai, Tal-Shahapur, Dist-Thane

VISHWATMAK OM GURUDEV COLLEGE OF ENGINEERING

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION
ENGINEERING

[Affiliated to MSBTE, Mumbai , Approved by AICTE,
New Delhi & DTE, M.S.]
At : Mohili , Post : Aghai , Via Kalyan , Dist. : Thane ,
421301

Certificate Course
on

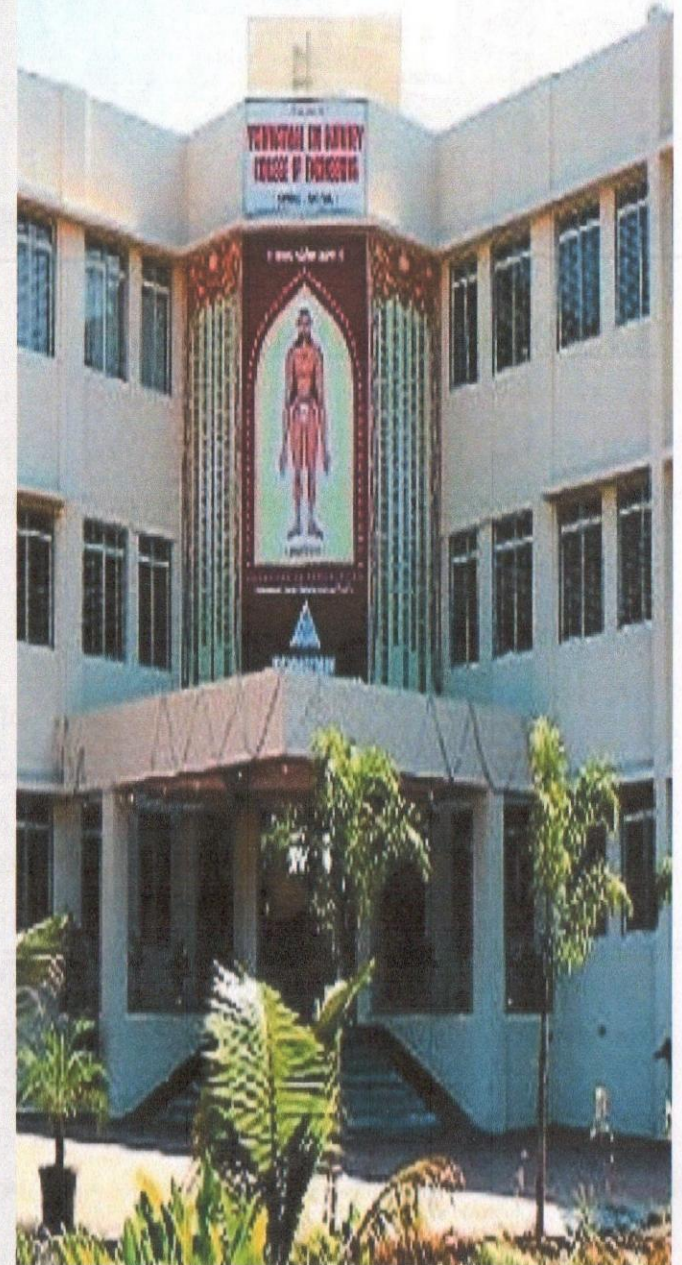
Industrial Automation
using

"PLC & SCADA"

Resource Person

Mr. Pankaj Sonawane
(AutoTech, Nashik)

31st January -8th February 2019 (8 days)





PLC & SCADA

Training Methodology

This collaborative SCADA Training Certification program will comprise the following training methods:

- Lectures
- Seminars and Presentations
- Group Discussions
- Assignments
- Case Studies and
- Functional Exercises

Course Objectives

Upon completing this SCADA Training Certification course successfully, participants will have an understanding of: Fundamentals of SCADA systems Sketch out and outline a SCADA system for potential application and purpose in your industry Assess the benefits of several examples of Remote Terminal Units (RTUs), Master Terminal Units (MTUs), and communications methods Human Machine Interface The essentials of IEC 61131-3 Understand the fundamental of SCADA systems Increase knowledge of the key industrial communication protocols etc.

● Course Outline

- Introduction to Control Systems - 3hrs
- Introduction to SCADA Systems - 3hrs
- Review on PLC Systems - 8hrs
- RTU Programming - 8hrs
- SCADA Communication Networks -5hrs
- Signal Journey in SCADA Systems - 5hrs
- I/O Servers SCADA Systems Functionality -6hrs

Program Coordinator

Prof. SUMIT KUMAR
Asst. Professor

+91 9503178457

!!SABKA MALIK ATMA!!
Vishwatmak Jangli Maharaj Ashram Trust's
Vishwatmak Om Gurudev College of Engineering

DATE: 25/01/2019

NOTICE

Greetings from the Electronics and Telecommunication Department!!!!!!!!!!!!!!

All the students of VOGCE are hereby informed that the hands on program on **"Certificate Course on "Industrial Automation "PLC & SCADA"** has been organized for all branches of engineering degree and diploma.

The contents of the workshop are attached.

Registration fee: **NIL**

Date : 31st Jan-8th Feb 2019 (8 days)

Time : 10:00 am

Note: Group of five students will be made. Each group should have a laptop.

EVENT ORGANIZER

HOB EXTC

PRINCIPAL



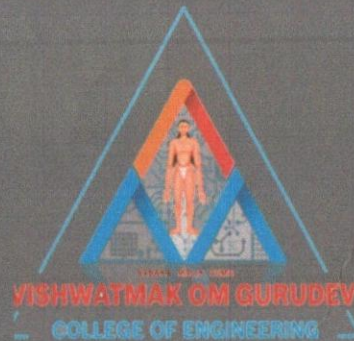
Workshop On Fluid Simulation Using Sims Software

5 Day Certified Workshop

20th -25th August 2018

Organized By

MECHANICAL DEPARTMENT



**VISHWATMAK OM
GURUDEV COLLEGE OF
ENGINEERING**

[Affiliated to MSBTE, Mumbai ,
Approved by AICTE, New Delhi
& DTE, M.S.]

At: Mohili, Post: Aghai, Via
Kalyan , Dist.: Thane, 421301

Resource Person: Prof. Manoj Choudhari

Course Objectives

Upon completion of this course, you will be able to:

- Define fluid flow simulations in the 3DEXPERIENCE platform, including isothermal internal and external steady-state flow.
- Perform fully coupled conjugate heat transfer (CHT) simulations.
- Postprocess flow simulation results.

Contact Us



Phone:
7218663456



www.vishwatmakengg.in

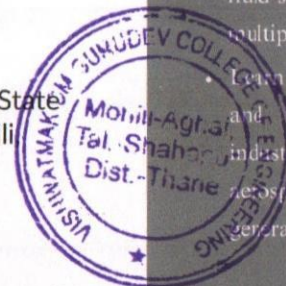


Address:
H742+63R, Maharashtra State
Highway 79, Mohili, Mohili
Maharashtra 421601

Why Fluid Simulation

- Computational fluid dynamics helps engineers design products in which the flow of fluid components is a major challenge. Applications include conjugate heat transfer, turbomachinery, fluid-structure interaction, combustion and multiphase simulation, among many others

Learn about the various types of CFD simulations and the advancement of this technology in industrial applications such as oil and gas, aerospace, automotive, electric vehicles, energy generation and HVAC."



FLUID SIMULATION

**What is a fluid
simulation?**

COURSE OBJECTIVES

Upon completion of this course, you will be able to:

- Define fluid flow simulations in the 3DEXPERIENCE platform, including isothermal internal and external steady-state flow.
- Perform fully coupled conjugate heat transfer (CHT) simulations.
- Postprocess flow simulation results.



Course Content

1. Introduction to Hydraulics and Pneumatics (6 Hrs.)
 - Basics of Hydraulics and Pneumatics
 - Identification of symbols of all types of valves in hydraulics and pneumatics.
 - Meter in circuit and meter out circuit.
 - Sequencing circuit using CASACADE method and Shift Register Method.
2. Introduction to Hydraulics and Pneumatics (6 Hrs.)
 - Basic electrical symbols used in hydraulic.
 - Basic electrical symbols used in pneumatic
 - Electro Hydraulic circuit using direct control
3. Introduction to Electro-Hydraulics Circuits (6 Hrs.)
 - Electro Hydraulic circuit using indirect control
 - Electro pneumatic circuit using direct control
4. Electro pneumatic circuit using indirect control (6Hrs.)
5. Identification of Relay, Solenoid valve (6 Hrs)



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Vishwatmak Jangli Maharaj Ashram Trust's
Vishwatmak Om Gurudev College of Engineering
Department of Mechanical Engineering

Date: 09/08/2018

Notice
Workshop on Fluid Simulation

All the students are hereby informed that our Mechanical Engineering Department is organizing an Add On Course on Fluid Simulation using Sims Software from 20/08/2018 to 25/08/2018.

Duration of Course: 5 days per content (Detail course content is enclosed here)

Fees: Free of Cost

Rewards: Certificate will be issued to the entire participant who will successfully complete the course.

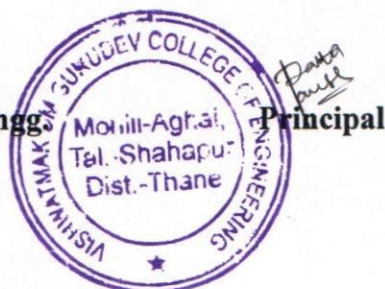
For Registration Contact Program Coordinator- Prof. Mahesh Salunke.

SYLLABUS/ COURSE CONTENT

Sr. No.	Course Content	Number of Hours
1.	i) Basics of Hydraulics and Pneumatics ii) Identification of symbols of all types of valves in hydraulics and pneumatics. iii) Meter in circuit and meter out circuit.	06
2.	i) Basic electrical symbols used in pneumatic. ii) Electro Hydraulic circuit using direct control.	06
3.	i). Electro Hydraulic circuit using indirect control ii). Electro pneumatic circuit using direct control	06
4.	i) Electro pneumatic circuit using indirect control	06
5.	i) Identification of Relay, Solenoid valve and switches	06


Program Coordinator


HOD Mechanical Engg.



Course Pre-requisites :

- ✓ To get full benefit of this course, student needs to have basic idea about traits of Personality Development
- ✓ Basic idea of significance and reasons for Personality development and self grooming



Course Contents:

- Personality traits and theories, Self-Image and Self-Concept, Dressing Sense and Table Mannerisms, Diet, Exercise and Mental Health, Body Language. - 06 Hours
- Understanding oneself is extremely important because it's our behaviour that through which the world sees us and understand us thus, this module aims to provide an insight into individual's personality and how to maintain and carry oneself through the understanding of self. - 06 Hours
- Interpersonal Relations, Communication in organizations, Personal Branding, Leadership Skills, Presentation Skills, Personal skills- Stress Management, Negotiation skills, Conflict Management, Anger Management. -06 Hours
- Group Dynamics, Team Building, Time Management, Positive Attitude, Self-esteem, Self- confidence, Assertiveness, Motivation - 06 Hours
- Today the corporate set up often requires incumbents to work under pressure, handling stress and to meet deadlines ensuring effective service delivery - 06 hours

Resource Person:

Prof. Ulhas Patil

Coordinator:

Prof. Hemant

Sonawane -

Assistant Professor.

**Department of
Engineering Sciences And
Humanities**

Career Prospects:

The chances of being noticed increase by several folds, if you possess a good Personality. The first impression on the person in front of you is always good if you have an attractive personality. Personality is an important attribute in one's life not only for success in professional life, but also determines your overall behaviour and attitude of the individual. If you aim to take your personality to a new height this certificate course in Personality Development and self grooming will be of great help.



!! Sabka Malik Atma !!

Vishwatmak Jangli Maharaj Ashram Trust's

Vishwatmak Om Gurudev College Of Engineering (VOGCE)

Department of Engineering Science And Humanities

Date: 20/08/2018

NOTICE

Certificate Course

All Students are informed that our college is offering Free Certificate Courses from 4th Sept. 2018 to 8th Sept. 2018 on:

Personality Development and Self Awareness

Duration of course: 5 days per course (Detail course content is enclosed here)

Rewards: Certificate will be issued to all the participants who will successfully complete the course.

For registration, Contact:

Prof. Hemant Sonawane , Assistant Professor, DESH

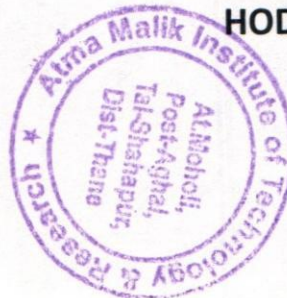
Prof. Sumit Kumar, Assistant Professor, EXTC Department

Prof. Mahesh Salunke , Assistant Professor, Mechanical Department

Prof. Samruddhi Shelavale, Assistant Professor, Civil Department.

Prof. Harshada Sonkamble, Assistant Professor, Computer Department.


Program Coordinator




HOD



!! Sabka Malik Atma !!

Vishwatmak Jangli Maharaj Ashram Trust's

Vishwatmak Om Gurudev College Of Engineering (VOGCE)

Department of Engineering Science And Humanities

Certificate Course on

Personality Development and Self Awareness

Course contents

1) Introduction to Personality Development:-

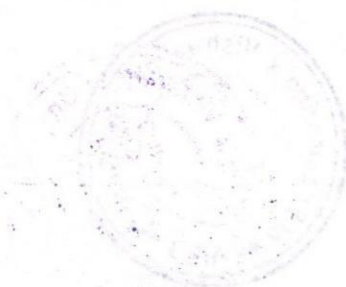
Personality traits and theories, Self-Image and Self-Concept, Dressing Sense and Table Mannerisms, Diet, Exercise and Mental Health, Body Language.

2) Self Awareness:

Group Dynamics, Team Building, Time Management, Positive Attitude, Self-esteem, Self- confidence, Assertiveness, Motivation.

3) Social and Corporate Etiquettes:

Interpersonal Relations, Communication in organizations, Personal Branding, Leadership Skills, Presentation Skills, Personal skills- Stress Management, Negotiation skills, Conflict Management, Anger Management.



LEARNING

OBJECTIVES

THIS COURSE IS DESIGNED TO SUIT THE NEED OF THE OUTGOING STUDENTS AND TO ACQUAINT THEM WITH FREQUENTLY ASKED PATTERNS IN QUANTITATIVE APTITUDE AND LOGICAL REASONING DURING VARIOUS EXAMINATIONS AND CAMPUS INTERVIEWS.

Course Outcomes

On successful completion of the course the students will be able to:

- Understand the basic concepts of quantitative ability

- Understand the basic concepts of logical reasoning Skills

- Acquire satisfactory competency in use of reasoning

- Solve campus placements aptitude papers covering Quantitative Ability, Logical Reasoning Ability

- Compete in various competitive exams like CAT, CMAT, GATE, GRE, UPSC etc.



**VISHWATMAK
OM GURUDEV
COLLEGE OF
ENGINEERING
AC.YR.2018-19**

COURSE TITLE

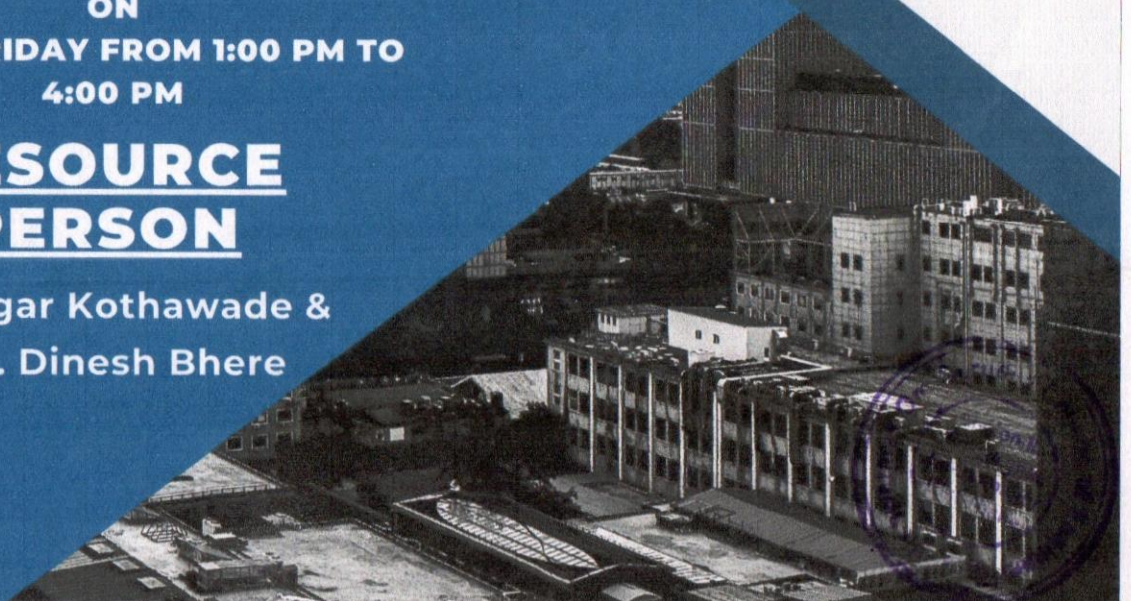
**APTITUDE &
REASONING**

**ORGANIZED BY
T & P CELL**

**ON
EVERY FRIDAY FROM 1:00 PM TO
4:00 PM**

RESOURCE PERSON

**Mr. Sagar Kothawade &
Prof. Dinesh Bhare**



COURSE CONTENT

1. QUANTITATIVE ABILITY (BASIC MATHEMATICS) 12 HRS

- 1.1. Number Systems
- 1.2. LCM and HCF
- 1.3. Decimal Fractions
- 1.4. Simplification
- 1.5. Square Roots and Cube Roots
- 1.6. Average
- 1.7. Problems on Ages
- 1.8. Surds & Indices
- 1.9. Percentages
- 1.10 Problems on Numbers

2. QUANTITATIVE ABILITY (APPLIED & ENGINEERING MATHEMATICS) 13 HRS

- 2.1. Logarithm
- 2.2. Permutation and Combinations
- 2.3 Probability
- 2.4 Profit and Loss
- 2.5 Simple and Compound Interest
- 2.6. Time, Speed and Distance
- 2.7. Time & Work
- 2.8. Ratio and Proportion
- 2.9. Area
- 2.10 Mixtures and Allegation

3. DATA INTERPRETATION 15 HRS

- 3.1. Data Interpretation
- 3.2. Tables
- 3.3. Column Graphs
- 3.4. Bar Graphs
- 3.5. Line Charts
- 3.6. Pie Chart
- 3.7. Venn Diagrams

4. LOGICAL REASONING (DEDUCTIVE REASONING) 20 HRS

- 4.1. Analogy
- 4.2. Blood Relation
- 4.3 Directional Sense
- 4.4. Number and Letter Series
- 4.5. Coding – Decoding
- 4.6. Calendars
- 4.7. Clocks
- 4.8. Venn Diagrams
- 4.9. Seating Arrangement
- 4.10. Syllogism
- 4.11. Mathematical Operations

Affiliated to MSBTE, Mumbai , Approved
by AICTE, New Delhi & DTE, M.S.]
At: Mohili, Post: Aghai, Via Kalyan , Dist.:
Thane, 421301



!! Sabka Malik Atma!!

Vishwatmak Jangli Maharaj Ashram Trust's

Vishwatmak Om Gurudev College of Engineering(VOGCE)

Department of Training And Placement

Date: 25/06/2018

NOTICE

All branches engineering students are hereby informed that Training and placement cell of Vishwatmak Om Gurudev College of Engineering is organizing a certification course on the topic **"APPTITUDE AND REASONING"** every Friday from 01.00 PM to 04.00 PM.

Objective of Course: To make students industry ready by improving their personal and technical skill.

The course is free of cost organized by training and placement cell of the Institute for boosting students' knowledge as per industry demands. Limited seats are available. Entries will be given on first come first serve basis.

Fees: Registration is free of charge..!!!

Rewards: Certificate will be issued to all the participants who will successfully complete the program.

Venue: Seminar Hall


For registration Contact:

Prof. Dinesh Bhare, TnP (Coordinator)

Vishwatmak Om Gurudev College of Engineering (VOGCE)

TNP coordinator


Program Coordinator


Principal



VISHWATMAK OM GURUDEV COLLEGE OF ENGINEERING

AC.YR.2019-20

ABOUT US

Affiliated to MSBTE, Mumbai,
Approved by AICTE, New Delhi & DTE, M.S.]
At: Mohili, Post: Aghai, Via Kalyan,
Dist.: Thane, 421301

APTITUDE AND REASONING TRAINING PROGRAM

ORGANIZED BY
T & P CELL

ON
EVERY FRIDAY FROM
1:55 PM TO 4:55 PM

RESOURCE PERSON:
**Mr. Sagar Kothawade &
Prof. Dinesh Bhare**

COURSE CONTENT

1. QUANTITATIVE ABILITY (BASIC MATHEMATICS) 12 HRS

1. Number Systems
- 1.2. LCM and HCF
- 1.3. Decimal Fractions
- 1.4. Simplification
- 1.5. Square Roots and Cube Roots
- 1.6. Average
- 1.7. Problems on Ages
- 1.8. Surds & Indices
- 1.9. Percentages
- 1.10 Problems on Numbers

2. QUANTITATIVE ABILITY (APPLIED & ENGINEERING MATHEMATICS) 13 HRS

- 2.1. Logarithm
- 2.2. Permutation and Combinations
- 2.3 Probability
- 2.4 Profit and Loss
- 2.5 Simple and Compound Interest
- 2.6. Time, Speed and Distance
- 2.7. Time & Work
- 2.8. Ratio and Proportion
- 2.9. Area
- 2.10 Mixtures and Allegation

3. DATA INTERPRETATION 15 HRS

- 3.1. Data Interpretation
- 3.2. Tables
- 3.3. Column Graphs
- 3.4. Bar Graphs
- 3.5. Line Charts
- 3.6. Pie Chart
- 3.7. Venn Diagrams



4. LOGICAL REASONING (DEDUCTIVE REASONING) 20 HRS

- 1. Analogy
- 2. Blood Relation
- 3. Directional Sense
- 4. Number and Letter Series
- 5. Coding – Decoding
- 6. Calendars
- 7. Clocks
- 8. Venn Diagrams
- 9. Seating Arrangement
- 10. Syllogism
- 11. Mathematical Operations

COURSE OUTCOMES

On successful completion of the course the students will be able to:

Understand the basic concepts of quantitative ability

Understand the basic concepts of logical reasoning Skills

Acquire satisfactory competency in use of reasoning

Solve campus placements aptitude papers covering Quantitative Ability, Logical Reasoning Ability

Compete in various competitive exams like CAT, CMAT, GATE, GRE, UPSC etc.

Learning

Objectives

This course is designed to suit the need of the outgoing students and to acquaint them with frequently asked patterns in quantitative aptitude and logical reasoning during various examinations and campus interviews.





!! Sabka Malik Atma!!

Vishwatmak Jangli Maharaj Ashram Trust's

Vishwatmak Om Gurudev College of Engineering (VOGCE)

Department of Training And Placement

Date: 24/06/2019

NOTICE

All branches engineering students are hereby informed that Training and placement cell of Vishwatmak Om Gurudev College of Engineering is organizing a certification course on the topic **"APPTITUDE AND REASONING"** every Friday from 01.00 PM to 04.00 PM.

Objective of Course: To make students industry ready by improving their personal and technical skill.

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Fees: Registration is free of charge....!!!

Rewards: Certificate will be issued to all the participants who will successfully complete the program.

Venue: Seminar Hall

For registration Contact:

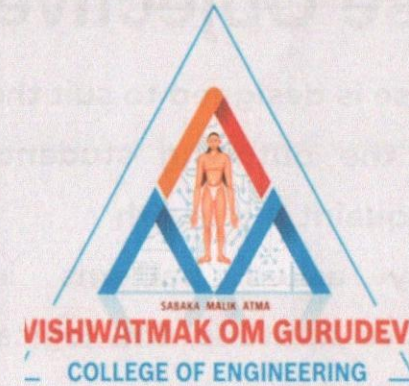
Prof. Dinesh Bhere, TnP (Coordinator)

Vishwatmak Om Gurudev College of Engineering (VOGCE)

TNP coordinator

Program Coordinator

Principal



VISHWATMAK OM GURUDEV COLLEGE OF ENGINEERING

[Affiliated to MSBTE, Mumbai,
Approved by AICTE, New Delhi &
DTE, M.S.]

At: Mohili, Post: Aghai, Via Kalyan,
Dist.: Thane, 421301

Department Of Training And Placement
Organised

A Value Added Course on
APPTITUDE AND REASONING
on every Friday

AC. YR.- 2020-21

Coordinator: Prof. Dinesh Bhare

Resource Person :

Mr. Raghupati Tiwari
(Clover Infotech)

Mr. Manoj Band
(Clover Infotech)



Course Objective:- Course Outcomes:-

This course is designed to suit the need of the outgoing students and to acquaint them with frequently asked patterns in quantitative aptitude and logical reasoning during various examinations and campus interviews.

On successful completion of the course the students will be able to:

Understand the basic concepts of quantitative ability

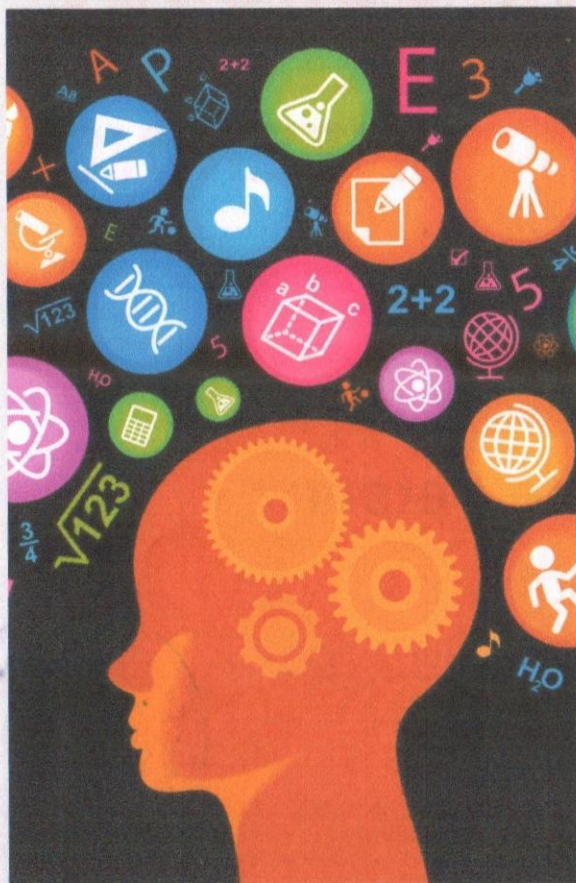
Understand the basic concepts of logical reasoning Skills

Acquire satisfactory competency in use of reasoning

Solve campus placements aptitude papers covering Quantitative Ability, Logical Reasoning Ability

Compete in various competitive exams like CAT, CMAT, GATE, GRE, UPSC etc.

Course Content:-



Quantitative Ability (Basic Mathematics)	Duration :	12 Hours
Number Systems, LCM and HCF, Decimal Fractions, Simplification, Square Roots and Cube Roots, Average, Problems on Ages, Surds & Indices, Percentages, Problems on Numbers		
Quantitative Ability (Applied & Engineering Mathematics)	Duration :	13 Hours
Logarithm, Permutation and Combinations, Probability, Profit and Loss, Simple and Compound Interest, Time, Speed and Distance, Time & Work, Ratio and Proportion, Area, Mixtures and Allegation		
Data Interpretation	Duration :	15 Hours
Data Interpretation, Tables, Column Graphs, Bar Graphs, Line Charts, Pie Chart, Venn Diagrams		
Logical Reasoning (Deductive Reasoning)	Duration :	20 Hours
Analogy, Blood Relation, Directional Sense, Number and Letter Series, Coding – Decoding, Calendars, Clocks, Venn Diagrams, Seating Arrangement, Syllogism, Mathematical Operations		



!! Sabka Malik Atma!!

Vishwatmak Jangli Maharaj Ashram Trust's

Vishwatmak Om Gurudev College of Engineering(VOGCE)

Department of Training And Placement

Date: 25/06/2020

NOTICE

All branches engineering students are hereby informed that Training and placement cell of Vishwatmak Om Gurudev College of Engineering is organizing a certification course on the topic **"APPTITUDE AND REASONING"** every Friday from 01.00 PM to 04.00 PM.

Objective of Course: To make students industry ready by improving their personal and technical skill.

The course is free of cost organized by training and placement cell of the Institute for boosting students' knowledge as per industry demands. Limited seats are available. Entries will be given on first come first serve basis.

Fees: Registration is free of charge..!!!

Rewards: E-Certificate will be issued to all the participants who will successfully complete the program.

Venue: Seminar Hall

For registration Contact:

Prof. Dinesh Bhare, TnP (Coordinator)

Vishwatmak Om Gurudev College of Engineering (VOGCE)

TNP coordinator

Program Coordinator

Principal



VISHWATMAK OM GURUDEV COLLEGE OF ENGINEERING

[Affiliated to MSBTE, Mumbai,
Approved by AICTE, New Delhi &
DTE, M.S.]

At: Mohili, Post: Aghai, Via Kalyan,
Dist.: Thane, 421301

Department Of Training And Placement
Organised

A Value Added Course on
APPTITUDE AND REASONING
on every Friday

Coordinator: Prof. Pramod Yadav
7770024226

AC. YR.- 2021-22
Resource Person :

Mr. Sameer Neve
(Arabian Petroleum)
Mr. Tanmay Trivedi
(Unix Design)



Course Objective:- Course Outcomes:-

This course is designed to suit the need of the outgoing students and to acquaint them with frequently asked patterns in quantitative aptitude and logical reasoning during various examinations and campus interviews.

On successful completion of the course the students will be able to:

- Understand the basic concepts of quantitative ability
- Understand the basic concepts of logical reasoning Skills
- Acquire satisfactory competency in use of reasoning
- Solve campus placements aptitude papers covering Quantitative Ability, Logical Reasoning Ability
- Compete in various competitive exams like CAT, CMAT, GATE, GRE, UPSC etc.

Course Content:-

Quantitative Ability (Basic Mathematics)	Duration :	12 Hours
Number Systems, LCM and HCF, Decimal Fractions, Simplification, Square Roots and Cube Roots, Average, Problems on Ages, Surds & Indices, Percentages, Problems on Numbers		
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Analogy, Blood Relation, Directional Sense, Number and Letter Series, Coding – Decoding, Calendars, Clocks, Venn Diagrams, Seating Arrangement, Syllogism, Mathematical Operations		





ATMA MALIK INSTITUTE OF TECHNOLOGY AND RESEARCH

[Affiliated to MSBTE, Mumbai,
Approved by AICTE, New Delhi &
DTE, M.S.]

At: Mohili, Post: Aghai, Via Kalyan,
Dist.: Thane, 421301



Department Of Training And Placement

Organised

A Value Added Course on

APPTITUDE AND REASONING

on every Friday

AC. YR.- 2022-23

Resource Person :

Mr. Sameer Neve

Mr. Tushar Sonkusale

Coordinator:

Prof. Deepak Baviskar

8149266555





!! Sabka Malik Atma!!

Vishwatmak Jangli Maharaj Ashram Trust's

Vishwatmak Om Gurudev College of Engineering(VOGCE)

Department of Training And Placement

Date: 21/06/2021

NOTICE

All the BE students of engineering are hereby informed that our college is starting a certificate programme on the topic "**APPTITUDE AND REASONING**" every Friday from 01.00 PM to 04.00 PM.

Objective of Course: To help students to excel in personal skill as required by industry

The course is free of cost organized by training and placement cell of the Institute for surpassing students' knowledge as per industry demands. Limited seats are available. Entries will be given on first come first serve basis.

Fees: No registration charges

Rewards: Certificate will be issued to all the participants who will successfully complete the program.

For registration Contact:

Prof. Pramod Yadav, TnP (Coordinator)

Vishwatmak Om Gurudev College of Engineering (VOGCE)

TNP coordinator

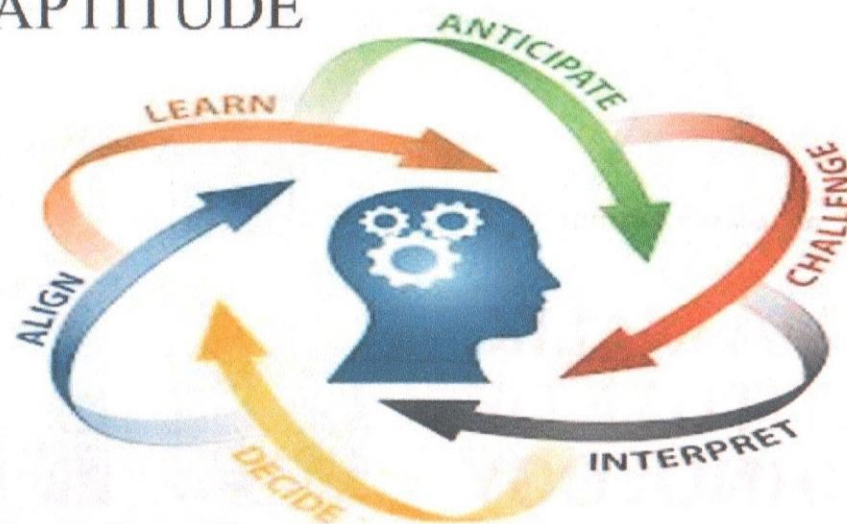
Program Coordinator

Principal

Course Objective:-

This course is designed to suit the need of the outgoing students and to acquaint them with frequently asked patterns in quantitative aptitude and logical reasoning during various examinations and campus interviews.

APTITUDE



Course Content:-

Course Outcomes:-

On successful completion of the course the students will be able to:

Understand the basic concepts of quantitative ability

Understand the basic concepts of logical reasoning Skills

Acquire satisfactory competency in use of reasoning

Solve campus placements aptitude papers covering Quantitative Ability, Logical

Reasoning Ability

Compete in various competitive exams like CAT, CMAT, GATE, GRE, UPSC etc.

Quantitative Ability (Basic Mathematics)	Duration :	12 Hours
Number Systems, LCM and HCF, Decimal Fractions, Simplification, Square Roots and Cube Roots, Average, Problems on Ages, Surds & Indices, Percentages, Problems on Numbers		
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Vishwatmak Jangli Maharaj Ashram Trust's

Atma Malik Institute of Technology & Research (AMRIT)

Department of Training And Placement

ACAD-DI-68	Notices for Certificate Course	Academic Year: 2022-23
Rev : 00		Semester: ODD
Date: 11/07/2022		

Date 20/06/2022

We would like to let you know that our college will begin a certificate programme on the following topic every Friday from 01.00 PM to 04.00 PM:

APPTITUDE AND REASONING

The course is free, and those who successfully complete it will receive certificates from the college that will be useful to them in the future.

The first person who arrives gets in.

Seating is constrained.

For registration, Contact:

Prof. Deepak Baviskar, TnP (Coordinator)

Atma Malik Institute of Technology & Research (AMRIT)

Program Coordinator



Principal
Principal

Atma Malik Institute of Technology & Research
At. Moholi, Post-Aghai, Tal-Shahapur, Dist-Thane



!! Sabka Malik Atma!!

Vishwatmak Jangli Maharaj Ashram Trust's

Atma Malik Institute of Technology & Research (AMRIT)

Department of Training And Placement

APPTITUDE AND REASONING

Course contents

1. Quantitative Ability (Basic Mathematics):

Number Systems, LCM and HCF, Decimal Fractions, Simplification, Square Roots and Cube Roots, Average, Problems on Ages, Surds & Indices, Percentages, Problems on Numbers.

2. Quantitative Ability (Applied & Engineering Mathematics):

Logarithm, Permutation and Combinations, Probability, Profit and Loss, Simple and Compound Interest, Time, Speed and Distance, Time & Work, Ratio and Proportion, Area, Mixtures and Allegation.

3. Data Interpretation:

Data Interpretation, Tables, Column Graphs, Bar Graphs, Line Charts, Pie Chart, Venn Diagrams

4. Logical Reasoning (Deductive Reasoning):

Analogy, Blood Relation, Directional Sense, Number and Letter Series, Coding – Decoding, Calendars, Clocks, Venn Diagrams, Seating Arrangement, Syllogism, Mathematical Operations.

