

### Registration Form

Name of Student: - \_\_\_\_\_  
\_\_\_\_\_

Name of Institute: - \_\_\_\_\_  
\_\_\_\_\_

Name of Branch: - \_\_\_\_\_  
\_\_\_\_\_

Section and Roll No.: - \_\_\_\_\_

Enrollment No.: - \_\_\_\_\_

Email-Id: - \_\_\_\_\_

Contact No.: - \_\_\_\_\_

Sign of Student: - \_\_\_\_\_

### Objectives of the Workshop

- To make the student aware of MICROSOFT PROJECT as it is a comprehensive civil engineering software that addresses all aspects of engineering including model development, verification, analysis, design, and review of results
- To Enhance knowledge of MICROSOFT PROJECT that will help students to pursue their career in the field of analysis and design of civil engineering structures
- To boost entrepreneurship in the field of MICROSOFT PROJECT The expected audience is 4<sup>th</sup> year students of B.E. Civil Engineering.

**The registration is free.** The student participants will be awarded with certificate of participation.

#### Contact for Registration: -

Mr. Harshal Warade

#### Convener

[waradehm@gmail.com](mailto:waradehm@gmail.com), 9822999288

Mr. V.D.Jayale

#### Coordinator

[Vivekjavale26@gmail.com](mailto:Vivekjavale26@gmail.com), 9955262841

**Value Added Course/ Workshop  
on**

**“MICROSOFT PROJECT”**

**On**

**14/02/2021 to 15/03/2021**

**Organized by**



**Department of Civil Engineering  
Yeshwantrao Chavan College of Engineering,  
Hingna Road, Wanadongri, Nagpur**

#### Principal Convener

Mr. Dhiraj Agrawal  
Assistant Professor

Department of Civil Engineering,

#### Convener

Mr. H.M.Warade  
Assistant Professor,

Department of Civil Engineering,

#### Coordinators

Mr. P. K. Hinge  
Assistant Professor,  
CE Department,  
YCCE

Mr. V.D.Jayale  
Associate Professor,  
CE Department,  
YCCE

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\_\_\_\_\_

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\_\_\_\_\_

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\_\_\_\_\_

### Objectives of the Workshop

- To aware of BIM as it is collaborative process for the planning, design, construction and management of building.
- To Enhance knowledge of BIM will help students to pursue their career in the field of detailing and fabrication of Reinforced Concrete structures
- To boost the enterprenuership in the field of structural engineering.

The expected audience are final year students of B.E./B.Tech Civil Engineering & final year M.Tech.

**The participation fees is Rs. 500/-**  
**Maximum 100 students can participate on first cum first serve basis.** The student participants will be awarded certificate of participation.

### Contact for Registration: -

Ms. M. R. Wagh

### Convener

[mrwagh@yccc.edu](mailto:mrwagh@yccc.edu) 9764442550

Mr. K. S. Ansari

### Coordinator

[ksansari@yccc.edu](mailto:ksansari@yccc.edu), 9960936279

Pre placement Certification Course/  
Value Aided Course  
on

"Building Information Modeling BIM"  
On

28/07/2021 to 02/08/2021

Organized by



Department of Civil Engineering  
Yeshwantrao Chavan College of Engineering,  
Hingna Road, Wanadongri, Nagpur

### Principal Convener

Dr. S. P. Raut

HOD & Associate Professor,  
CE Department, YCCE

### Conveners

Ms. C. S. Waghmare &

Ms. M. R. Wagh

Assistant Professor,  
Department of Civil Engineering,

### Coordinator

Mr. K. S. Ansari

Assistant Professor,  
Department of Civil Engineering,





iWorkstation

# BIM EMPLOYABILITY TRAINING COURSE

CIVIL ENGINEERING DEPARTMENT - YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING, NAGPUR



## 30 HOURS LIVE TRAINING

- Certificate of Participation
- Two Completed BIM Projects for your Learning
- Complementary Access to Books, Presentations and BIM Resources
- Access to iWorkstation App Content

27TH JULY - 1ST AUGUST 2021  
9 AM IST - 3 PM IST

Google  
Reviews

4.8/5



70+ students  
employed till date

## GUEST SPEAKER



MOJTABA LARJANI  
BIM MANAGER TEKLA,  
IRAN

PAWEL LAGUNA  
CTO @ Graph'it  
WARSAW, POLAND

RICARDO TORRES  
Founder & CEO  
Accis Arkitektura,  
Mexico



ADNAN GHORI

FOUNDER & MD - iWorkstation  
Consultancy Pvt. Ltd.

CONTACT:

[adnan@iworkstation.in](mailto:adnan@iworkstation.in)

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

+919503706455



## TOPICS:

1. Adnan Ghori - Practical BIM Implementation
2. Mojtaba Ardeshtir Larjini - Tekla BIM Management and its application in Structural Engineering
3. Pawel Laguna - BIM GIS and its application in Construction
4. Ricardo Torres Corza - Construction Material Takeoffs and Documentation Detailing in Revit





# YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING

HINGNA ROAD, WANADONGRI, NAGPUR, 441110



Department of Civil Engineering  
Organizes Certification Course on

## "Design Concepts for Offshore Structures"

Register Here:



<https://cutt.ly/EEZ6mMO>

PayTm/PhonePe:  
9975635806

Our Speaker:

"Mr. Atharv Saurkar"  
Er L&T Hydrocarbon  
Engineering,  
Mumbai.

Pay Here:

UPI ID:  
[9975635806@paytm](https://paytm.com/9975635806)



Course Date: 25th, 26th  
September | 03rd October  
2021.

Course Coordinator:  
Dr. P. B. Pande

Course Duration: 15 Hrs.  
Course Registration  
Fees: Rs. 250/-

\*LIMITED SEATS\*



[www.ycce.edu](http://www.ycce.edu)



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AICTE Approved One-Week STTP  
under AQIS

On

**"Advances In Additive  
Manufacturing"**

Organized by

NAFETIC (Siemens) Centre of  
Excellence for Digital Manufacturing  
and Robotics

From

20th- 25th July 2020



Organized by



Department of Mechanical Engineering

Yeshwantrao Chavan College of  
Engineering, Nagpur-441110

**Chief Patron**

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**Organising Secretary**

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**Advisory Board**

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Dr. S.D.Kshirsagar, Mech.Dept. YCCE

**Convener**

**Dr. S.S. Chaudhari, HoD**  
Department of Mechanical Engineering  
YCCE, Nagpur

**Course Coordinators**

**Dr. Jayant P.Giri**

*Assistant Professor, YCCE,  
Nagpur*

**Prof. Chetan A. Mahatme**

*Assistant Professor, YCCE,  
Nagpur*

**Address for Correspondence**

**Dr. Jayant P. Giri**

Department of Mechanical Engineering  
YCCE, Nagpur-441110

**Email: jayantp.giri@gmail.com**

**Contact No. : +91-9822929871**

**Dr. Chetan A. Mahatme**

Department of Mechanical Engineering  
YCCE, Nagpur-441110

**Email: camahatme@ycce.edu**

**Contact No. : +91-8983760646**

**About the Institute**

**Yeshwantrao Chavan College of Engineering, Nagpur** is established in 1984 by Nagar Yuvak Shikshan Sanstha, Nagpur. It is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. YCCE is renowned for engineering education and research. For over 28 years, it has successfully nurtured young engineering professionals, becoming a sought after destination for students aspiring to higher technical education and placement in the competitive software and core industry. The college is guided by Academic Advisory Board consisting of eminent academicians from prestigious technical institutes in India and USA. The college is having well qualified and experienced senior faculty members. YCCE has become the first private engineering college to acquire "Autonomous Status" in Central India. The institute is implementing autonomy in progressive manner from academic session 2010-11. The students admitted to B.E. and M.Tech. Courses from academic session 2010-11 are under autonomy.

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**About Siemens Centre of Excellence**

Department of Mechanical Engineering, YCCE has established Siemens centre of excellence under the proficient guidance and support from Siemens and AICTE Education fraternity and industries are drawn from the resources of Centre of Excellence and its industry and academic partners, and bring unique and relevant domain expertise that can provide ongoing linkage to the needs and trends of the Digital Manufacturing.



***"Advances In Additive Manufacturing"***

**Duration: 20th-25th July, 2020**

**Schedule Plan**

Day	Date and Time	Speaker	Topic	Mail id	Contact number
1	20.07.2020 11.00am -12.30pm	Dr. R.L.Shrivastava Professor, YCCE	Overview of Additive Manufacturing	rishrivastava@gmail.com	9764996486
	1.30 pm -5.00 pm	Prof. A.J.Bamnate YCCE	Design Consideration in Additive Manufacturing	anilbamnote@gmail.com	9822736602
2	21.07.2020 10.30am -12.00pm	Prof. Chetan Mahatme YCCE	Generative Design for 3D printing-I	chetanmahatme@gmail.com	8983760646
	1.30-3.30 pm	Shubham Joshi University of Aachen Germany	Computer aided approach in Metal Additive Manufacturing	Shubham.joshi@rwth-aachen.de	+49 17645779167
3	22.07.2020 11.00-12.30	Saksham Rastogi Application Engineer – Additive Manufacturing Altem Technologies Pvt. Ltd. Pune	Scope of Additive Manufacturing in Industrial Applications	saksham.rastogi@altem.com	9972602526
	2.00-3.30pm	Dr. Priyank Upadhyay BITS Pilani (Dubai Campus)	3D Printing of multifunctional cellular Material	priyank@dubai.bits-pilani.ac.in	+971 565660572
4	23.07.2020 10.30-11.30	Mr. Aniket Mandekar MS, University of Concordia Canada	3D printing using Anet a8	asmandekar@gmail.com	+1(418)2652752
	1.30 pm-3.00 pm	Saksham Rastogi Application Engineer – Additive Manufacturing Altem Technologies Pvt. Ltd. Pune	Role of Additive Manufacturing in Healthcare and COVID Response	saksham.rastogi@altem.com	9972602526
	4.00pm -5.30 pm	Dr. Jayant Giri YCCE	Open-source slicing interface for 3D printing	Jayantgiri@gmail.com	9822929871
5	24.07.2020 11.00am -12.30pm	Swapnil Sansare,	Industrial prototyping trend and future through AM	swapnil@divbyz.com	9833828199
	1.30 pm -3.00 pm	CEO & Founder of Divide By Zero Technologies, Pune Prof. Chetan Mahatme YCCE	Generative Design for 3D printing-II	chetanmahatme@gmail.com	8983760646
	4.00-5.30 pm	Dr. Jayant Giri YCCE	Model printing on Maker boat replicator+	Jayantgiri@gmail.com	9822929871
6	25.07.2020 11.00-12.30 pm	Prof. A.J.Bamnate YCCE	Slicing Algorithm in Additive manufacturing	anilbamnote@gmail.com	9822736602
	1.30-5.00 pm	Dr. Jayant Giri YCCE	Machine learning approach for Additive Manufacturing	Jayantgiri@gmail.com	9822929871

**Targeted Participants and Registration:**

The participants to the course are faculty & Ph.D. Scholars from AICTE approved technical institutions. There is no Registration fee from any participant. No TA/DA will be paid to any participant. Participants will have to make their own arrangement of seamless Internet connectivity during the six days. On completion of the program, participants will be awarded a Certificate of participation.

Register online **Registration at: <https://forms.gle/7uL5tpMf96ouq7gX6>**

**Course Content:**

The training program will cover but is not limited to following topics: Hybrid Processes, Design for Additive Manufacturing, Process Planning for Additive Manufacturing, Post-Processing Operations, Characterization of Components Fabricated by Additive Manufacturing, Additive Manufacturing Process Modeling and Simulation, Data Analytics in Additive Manufacturing, Product Quality Control, Novel Materials for Additive Manufacturing,



AICTE Approved One-Week STTP  
under AQIS  
On

**"Advances In Additive  
Manufacturing"**

*Organized by*

NAFETIC (Siemens) Centre of  
Excellence for Digital Manufacturing  
and Robotics

*From*

24th- 29th August 2020



*Organized by*



Department of Mechanical Engineering

Yeshwantrao Chavan College of  
Engineering, Nagpur-441110

**Chief Patron**

Honble Shri Dattaji Meghe Chairman, NYSS  
Shri Sagarji Meghe Secretary, NYSS  
Shri Sameerji Meghe Treasurer, NYSS

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***“Advances In Additive Manufacturing”***

Duration: 24th-29th August, 2020

**Schedule Plan**

Day	Date and Time	Speaker	Topic	Mail id	Contact number
1	24.07.2020 11.00am -12.30pm	Dr. R.L. Shrivastava Professor, YCOE	Overview of Additive Manufacturing	rshrivastava@gmail.com	9764996486
	1.30 pm -3.00 pm	Dr. Jayant Giri Associate Professor, YCOE	Open-source slicing interface for 3D printing	jayantgiri@gmail.com	9822929871
2	25.07.2020 10.30am -12.00pm	Dr. Amar Phatak Technical Director of i-Invent Labs Pvt Ltd and Managing Partner of AMP Engineering Design Ventures LLP and Consultant at Plural Nordic AS	Product design and 3D printing	phatak.amar@gmail.com amar.phatak@ampcdv.com	9820699885
	1.00-2.30 pm	Mr. Shubham Joshi University of Aachen ,Germany	Computer aided approach in Metal Additive Manufacturing	shubham.joshi@rwth-aachen.de	+49 17645779167
	3.30 -5.00 pm	Mr. Saksham Rastogi Application Engineer – Additive Manufacturing Altam Technologies Pvt. Ltd,Pune	Scope of Additive Manufacturing in Industrial Applications	saksham.rastogi@altam.com	9972602526
3	26.07.2020 11.00-12.30	Mr. Saksham Rastogi Application Engineer – Additive Manufacturing Altam Technologies Pvt. Ltd,Pune	Role of Additive Manufacturing in Healthcare and COVID Response	saksham.rastogi@altam.com	9972602526
	2.00-3.30pm	Prof. Chetan Mahatme YCOE	Generative Design for 3D printing-I	chetanmahatme@gmail.com	8983760646
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	1.30 pm-3.00 pm	Dr. Jayant Giri YCOE	Model printing on Maker boat replicator+ and DICOM interface for Medical Applications	jayantgiri@gmail.com	9822929871
5	28.07.2020 11.00am -12.30pm	Prof. Chetan Mahatme YCOE	Generative Design for 3D printing-II	chetanmahatme@gmail.com	8983760646
	2.00 pm -3.30 pm	Prof. A.J. Bamnote YCOE	Design considerations in Additive manufacturing	anilbamnote@gmail.com	9822736602
6	29.07.2020 10.30-12.00 pm	Dr. Nitin Baisaraf IISc Bangalore	Rapid prototyping for Gas turbine development	nitinbaisaraf@yahoo.com	9449044220
	1.00 -2.30 pm	Prof. A.J. Bamnote YCOE	Slicing Algorithm in Additive manufacturing	anilbamnote@gmail.com	9822736602
	3.30-5.00 pm	Dr. Jayant Giri YCOE	Machine learning approach for Additive Manufacturing	jayantgiri@gmail.com	9822929871

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*From*

**21st- 26th September, 2020**



*Organized by*



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Yeshwantrao Chavan College of  
Engineering, Nagpur-441110

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Hon'ble Shri Dattaji Meghe Chairman, NYSS  
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**Email: jayantp.giri@gmail.com**

**Contact No. : +91-9822929871**

**Dr. Chetan A. Mahatme**

Department of Mechanical Engineering  
YCCE, Nagpur-441110

**Email: camahatme@yccce.edu**

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	1.30 pm -3.00 pm	Mr.Shubham Joshi University of Aachen ,Germany	Computer aided approach in Metal Additive Manufacturing	shubham.joshi@rwth-aachen.de	+49 17645779167
2	22.09.2020 10.30am -12.00pm	Dr. Amar Pathak Technical Director of I-Invent Labs Pvt Ltd and Managing Partner of AMP Engineering Design Ventures LLP and Consultant at Plural Nordic AS	Product design and 3D printing	phatak.amar@gmail.com amar.phatak@ampadv.com	9820539885
	1.00-2.30 pm	Mr. Saksham Rastogi Application Engineer – Additive Manufacturing Altam Technologies Pvt. Ltd.Pune	Technology overview, Trends in Market, Applications in manufacturing perspective and relative industrial case studies both global and Indian.	saksham.rastogi@altam.com	9972602526
	3.30 -5.00 pm	Prof. A.J.Bemnote YCE	Design considerations in Additive manufacturing	anilbemnote@gmail.com	9822736602
3	23.09.2020 11.00-12.30	Mr. Saksham Rastogi Application Engineer – Additive Manufacturing Altam Technologies Pvt. Ltd.Pune	Technology Overview, Need of AM in Healthcare, Target Healthcare Applications, AM response on COVID, related case studies both global and Indian.	saksham.rastogi@altam.com	9972602526
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	2.00 pm -3.30 pm	Dr. Jayant Giri YCE	Model printing on Maker bot replicator+ and DICOM interface for Medical Applications	Jayantpgiri@gmail.com	9822929871
6	26.09.2020 10.30-12.00 pm	Dr. Nitin Balsaraf IISc Bangalore	Rapid prototyping for Gas turbine development.	nitinbalsaraf@yahoo.com	9449044220
	1.00 -2.30 pm	Prof. A.J.Bemnote YCE	Slicing Algorithm in Additive manufacturing	anilbemnote@gmail.com	9822736602
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Nagar Yuwak Shikshan Sanstha's  
**Yeshwantrao Chavan College of Engineering**

(An Autonomous Institution affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)  
(Accredited 'A' Grade by NAAC)

**One Week Online  
Students Development Programme**



**On**

**“Basics of Arduino”  
13<sup>th</sup> to 18<sup>th</sup> September 2021  
In Association with**



**“ Spoken Tutorial Project ”  
Indian Institute of Technology,  
Bombay.**

### CHIEFPATRONS:

**Hon. Shri Dattaji Meghe**

Chairman,

Nagar Yuwak Shikshan Sanstha's, Nagpur.

**Shri. Sagarji Meghe**

Secretary,

Nagar Yuwak Shikshan Sanstha's, Nagpur.

**Shri. Sameerji Meghe**

Treasurer,

Nagar Yuwak Shikshan Sanstha's, Nagpur.

### GENERAL CHAIR:

**Dr. U. P. Waghe.**

Principal, YCCE, Nagpur

### CONVENER:

**Dr. R. D. Thakre.**

Head of the Department,

Department of Electronics Engineering, YCCE.

### CO-ORDINATORS:

**Prof. Ajay B. Thatere.**

(BE First Year Coordinator, YCCE)

**Prof. Atish P. Peshattiwar.**

**Prof. Kuldeep G. Pande.**

### HOW TO APPLY?

Participant should register on the following link. The registration link is open till 11<sup>th</sup> September 2021. Participants will be selected on a **First Come First Served Basis**. Limited seats are available for the said workshop. **E-Certificate will be provided after successfully completed the workshop.**

Link: <https://forms.gle/qwdsCZ9sagnPLiWe8>

### CONTACT PERSONS

➤ **Prof. Atish P. Peshattiwar.** (9823344846)

➤ **Prof. Kuldeep G. Pande.** (9325106819)

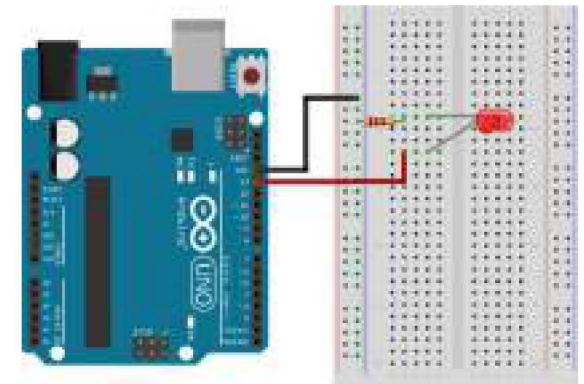
### IMPORTANT INSTRUCTIONS

#### 1. Resource Material Available:

[https://spoken-tutorial.org/tutorial-search/?search\\_foss=Arduino&search\\_language=English](https://spoken-tutorial.org/tutorial-search/?search_foss=Arduino&search_language=English)

Contact Hours: 11:00 am To 5:00pm.

#### 2. Last Date of Registration: **11<sup>th</sup> September 2021**



## ABOUT MEGHE GROUP

XXI Century Institutions are expected to impart education in a cross border, cross cultural environment. And also XXI Century Graduates are expected to work in a World Characterized by fragmentation of Research, Product Definition, Design, Manufacturing, Distribution and Services. Keeping this in view and also the current Education Scenario Nationally/Globally, the Institutions under the umbrella of Meghe Group of Institutions [MGI] provides excellence in education by adhering to the National/International benchmarks.

## ABOUT THE INSTITUTE

The college is guided by the Academic Advisory Board consisting of eminent academicians from the prestigious technical institutes in India and USA. The college is having well qualified and experienced senior faculty members. Yeshwantrao Chavan College of Engineering (YCCE) is renowned for Engineering Education and Research. For over 36 years, it has successfully nurtured young engineering professionals, becoming a sought-after destination for students aspiring to higher technical education and placement in the competitive software and core industries. It offers a rare combination of respected scholars, international footprint and interdisciplinary studies.

## ABOUT THE EE DEPARTMENT

The department of Electronics Engineering was established in 1984 and listed as one of the best private electronics engineering colleges in Maharashtra. Department is running one UG program and one PG program M.Tech (EE). Majority of faculty members are actively involved in

key research areas, including VLSI design, Embedded System design, Digital Signal & Image Processing. Academic profile as well as contribute as resource person and experts in various aspects.

## WHAT IS ARDUINO?

Arduino is an open-source electronics platform used for building electronics projects. Arduino consists of both a physical programmable circuit board or microcontroller and a software IDE (Integrated Development Environment) that runs on the computer. It is used to write and upload computer code to the physical board. It is intended for making interactive projects. Download Arduino IDE from [www.arduino.cc](http://www.arduino.cc)

## FEATURES OF ARDUINO IDE

- Works on Linux, Windows and Mac operating systems
- Has many in-built functions that make programming simple and easy
- Easy to write code and upload it to the physical board
- Arduino IDE can be used with any Arduino board
- Can be easily adapted for IoT applications
- Arduino can be turned into IoT product by adding ESP8266 wifi module

## ELIGIBILITY

1. Students of engineering, management institutions at Degree /Diploma levels, of are eligible to participate. All the Participants are required to fill up online registration form before the deadlines.
2. Registration is FREE for all participants.

## COURSE CONTENT

- Overview of Arduino
- Electronic components and connections
- Introduction to Arduino
- Arduino components and IDE
- First Arduino Program
- Arduino with Tricolor LED and Push button
- Arduino with LCD
- Display counter using Arduino
- Seven segment display
- Pulse Width Modulation
- Analog to Digital Conversion
- Wireless Connectivity to Arduino

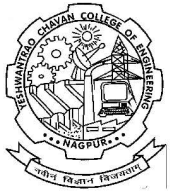
## BENEFITS OF USING ARDUINO KIT

- Arduino boards are less expensive compared to other microcontroller's platform.
- The Arduino programming environment is easy to use for beginners.
- For advanced users, the language can be expanded through C++ libraries and AVR-GCC programming language can be added to Arduino programs.
- The modules are published under a Creative Commons license, so circuit designers can make their own version of the module.

**Important Note: The Spoken Tutorial Project team conducts workshop "Basics of Arduino" spoken tutorials and gives certificate to those who pass the online test.**

**Date: 13<sup>th</sup> to 18<sup>th</sup> September 2021**





Nagar Yuwak Shikshan Sanstha's

# Yeshwantrao Chavan College of Engineering

(An Autonomous Institution affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)

Hingna Road, Wanadongri, Nagpur - 441 110

Ph.: 07104-237919, 234623, 329249, 329250 Fax: 07104-232376, Website: www.ycce.edu

Department of Electronics and Telecommunication Engineering



Yeshwantrao Chavan College of  
Engineering , Nagpur  
Department of Electronics and Telecommunication  
Engineering

Presents

Online Student Development Program  
on

## ***"Advances in Embedded systems and IoT"***

Registration Free for all  
E-Certificates to all the participants

Duration: 26<sup>th</sup> June to 01<sup>st</sup> July 2020

Timing 11.00AM to 1.00PM

Contents:

Arduino, ATMEGA 16, ARM,  
Raspberry pi, IoT

Registration Link:

Last Date of registration: 24.06.2020

Faculty Coordinators:

Prof. S. A. Desai

Prof. C. S. Gode



# Industrial Programming Language





**ADCC**

**Academy Pvt. Ltd**

EMPOWERING STUDENTS FOR BETTER FUTURE

CAMPUS RECRUITMENT TRAINING PROGRAM  
INDUSTRIAL PROGRAMMING LANGUAGE

Academy

## TABLE OF CONTENTS

C PROGRAMMING LANGUAGE.....	10
INTRODUCTION TO PROGRAMMING LANGUAGE.....	10
WHAT IS PROGRAMMING?.....	10
DEVELOPING A SOLUTION LOGICALLY.....	10
PROGRAMMING: THE NEXT STEP AFTER DEVELOPING AN ALGORITHM.....	10
INTRODUCTION TO C PROGRAMMING.....	10
ORIGIN OF C.....	12
WHERE IS C USEFUL?.....	12
WHAT KIND OF LANGUAGE IS C?.....	13
DATA TYPES.....	13
THE INT DATA TYPE.....	13
THE FLOAT DATA TYPE.....	14
THE CHAR DATA TYPE.....	14
VARIABLES & CONSTANTS.....	14
DECLARING VARIABLES IN A C PROGRAM.....	15
STORING DATA IN VARIABLES.....	15
DATA AND INPUT FUNCTIONS.....	16
OPERATORS.....	18
ARITHMETIC OPERATORS.....	18
TYPECASTING.....	20
ASSIGNMENT OPERATORS IN C.....	20
RELATIONAL OPERATORS.....	21
LOGICAL OPERATORS.....	22
EXPRESSIONS AND OPERATOR PRECEDENCE.....	24
CONTROL STRUCTURES.....	25
THE IF STATEMENT.....	25
MULTIPLE STATEMENTS WITHIN IF.....	27
THE IF-ELSE STATEMENT.....	28
NESTED IF-ELSESES.....	29
USE OF LOGICAL OPERATORS.....	30
THE ELSE IF CLAUSE.....	31
LOOPING & ITERATION.....	31
LOOPS.....	32
THE WHILE LOOP.....	32
THE FOR LOOP.....	35
NESTING OF LOOPS.....	39
MULTIPLE INITIALISATIONS IN THE FOR LOOP.....	40
THE BREAK STATEMENT.....	40
THE CONTINUE STATEMENT.....	42



THE DO-WHILE LOOP .....	43
DECISIONS USING SWITCH .....	44
FUNCTIONS & POINTERS .....	46
INTRODUCTION TO FUNCTIONS .....	47
PASSING VALUES BETWEEN FUNCTIONS .....	49
SCOPE RULE OF FUNCTIONS .....	50
INTRODUCTION TO POINTERS .....	51
POINTER NOTATION .....	51
ARRAYS .....	56
WHAT ARE ARRAYS .....	56
A SIMPLE PROGRAM USING ARRAY .....	57
ARRAY DECLARATION .....	58
ACCESSING ELEMENTS OF AN ARRAY .....	58
READING DATA FROM AN ARRAY .....	59
ARRAY INITIALISATION .....	59
POINTERS AND ARRAYS .....	61
PASSING AN ENTIRE ARRAY TO A FUNCTION .....	62
TWO DIMENSIONAL ARRAYS .....	63
POINTER TO AN ARRAY .....	67
ARRAY OF POINTERS .....	70
THREE-DIMENSIONAL ARRAY .....	71
WORKING WITH STRINGS .....	71
WHAT ARE STRINGS .....	72
MORE ABOUT STRINGS .....	72
POINTERS AND STRINGS .....	75
STANDARD LIBRARY STRING FUNCTIONS .....	76
STRUCTURES .....	81
WHY USE STRUCTURES .....	82
DECLARING A STRUCTURE .....	83
ACCESSING STRUCTURE ELEMENTS .....	85
HOW STRUCTURE ELEMENTS ARE STORED .....	85
ARRAY OF STRUCTURES .....	86
ADDITIONAL FEATURES OF STRUCTURES .....	87
USES OF STRUCTURES .....	92
FILE HANDLING .....	93
DATA ORGANIZATION .....	93
FILE OPERATIONS .....	94
A FILE-COPY PROGRAM .....	98
WRITING TO A FILE .....	99
FILE OPENING MODES .....	99



STRING (LINE) I/O IN FILES .....	100
THE AWKWARD NEWLINE .....	102
RECORD I/O IN FILES .....	102
DATABASE MANAGEMENT .....	104
PROGRAMMING IN C++ .....	109
INTRODUCTION TO C++ .....	109
OBJECT ORIENTED PROGRAMMING .....	109
INTRODUCTION TO CLASSES AND OBJECTS .....	109
CLASSES V/S PROCEDURAL PROGRAM .....	110
STRUCTURE OF C++ PROGRAM .....	110
COMPONENTS OF C++ PROGRAM .....	111
HEADER FILES .....	111
INT MAIN( ) OR VOID MAIN( ) .....	112
DATA TYPES .....	112
VARIABLES .....	113
SCOPE OF VARIABLES .....	113
OPERATORS .....	114
CONDITIONAL STATEMENTS .....	115
IF STATEMENT .....	115
IF...ELSE STATEMENT .....	115
ITERATION STRUCTURES .....	116
WHILE LOOP STRUCTURE .....	116
DO...WHILE LOOP STRUCTURE .....	117
FOR LOOP STRUCTURE .....	117
SWITCH CASE STRUCTURE .....	118
FUNCTIONS .....	118
INTRODUCTION TO FUNCTIONS .....	118
USER DEFINED FUNCTIONS .....	119
FUNCTION PROTOTYPE AND RETURN STATEMENT .....	120
RETURN STATEMENT .....	122
FUNCTIONS WITH EMPTY PARAMETER LIST .....	125
FUNCTION OVERLOADING .....	125
THE INLINE FUNCTIONS .....	126
CLASSES & OBJECTS .....	127
DECLARATION OF CLASS AND CLASS OBJECTS .....	128
ACCESS SPECIFIERS - PRIVATE, PROTECTED AND PUBLIC .....	130
DEFINING A MEMBER FUNCTION OUTSIDE THE CLASS .....	131
INITIALIZING PRIVATE DATA MEMBERS .....	132
ACCESSING PRIVATE DATA MEMBERS .....	134
CLASS WITH AN ARRAY AS DATA MEMBER .....	135



CLASS WITH AN ARRAY OF STRINGS AS DATA MEMBER .....	136
CLASS CONSTRUCTOR AND DESTRUCTOR FUNCTIONS .....	137
TYPES OF CONSTRUCTORS .....	139
ACCESSING PRIVATE FUNCTION MEMBERS OF A CLASS .....	142
POINTER TO A CLASS .....	143
POINTERS TO OBJECTS OF A CLASS .....	146
POINTERS TO FUNCTION MEMBERS OF A CLASS .....	147
POINTER TO DATA MEMBER OF A CLASS .....	148
STATIC DATA MEMBERS OF A CLASS .....	149
STATIC FUNCTION MEMBER OF A CLASS .....	151
OPERATOR OVERLOADING .....	152
INTRODUCTION TO OPERATOR OVERLOADING .....	152
OPERATORS THAT MAY BE OVERLOADED .....	153
RESTRICTIONS ON OVERLOADED OPERATORS .....	153
OPERATOR OVERLOADING FUNCTIONS .....	153
OVERLOADING FUNCTIONS AND ARGUMENTS .....	154
OPERATOR + DEFINED TO CARRY OUT MINUS OPERATION .....	155
ADDITION OF COMPLEX NUMBERS .....	157
OVERLOADING OF += AND -= OPERATORS .....	157
OVERLOADING OF INSERTION (<<), EXTRACTION (>>) AND /= OPERATORS .....	158
OVERLOADING OF INCREMENT AND DECREMENT OPERATORS (++ AND --) .....	160
OVERLOADING OF EQUALITY OPERATOR (==) .....	162
OVERLOADING OF INDEX OPERATOR [ ] .....	163
INHERITANCE .....	164
INTRODUCTION TO INHERITANCE .....	164
FORMS OF INHERITANCES .....	164
SINGLE PUBLIC INHERITANCE .....	166
SINGLE PROTECTED INHERITANCE .....	170
SINGLE PRIVATE INHERITANCE .....	171
MULTIPLE INHERITANCE .....	171
MULTILEVEL INHERITANCE .....	173
CONSTRUCTORS AND DESTRUCTORS IN INHERITANCE .....	175
POLYMORPHISM .....	178
VIRTUAL FUNCTIONS .....	178
ARRAYS OF BASE CLASS POINTERS .....	184
EXCEPTION HANDLING .....	185
INTRODUCTION .....	185
THE TRY, THROW AND CATCH .....	186
CATCH ALL TYPES OF EXCEPTIONS .....	192
EXCEPTION HANDLING FUNCTION .....	193



EXCEPTION SPECIFICATION.....	195
RETHROW AN EXCEPTION.....	196
C++ STANDARD LIBRARY EXCEPTION CLASSES.....	195
FUNCTION TERMINATE() AND SET_TERMINATE().....	202
FUNCTION UNEXPECTED() AND SET_UNEXPECTED().....	203
DATA STRUCTURE USING C PROGRAMMING.....	204
INTRODUCTION.....	204
CHARACTERISTICS OF A DATA STRUCTURE.....	204
NEED FOR DATA STRUCTURE.....	204
BASIC TERMINOLOGY.....	205
ALGORITHMS – BASICS.....	205
CHARACTERISTICS OF AN ALGORITHM.....	205
HOW TO WRITE AN ALGORITHM?.....	206
ALGORITHM COMPLEXITY.....	207
SPACE COMPLEXITY.....	207
TIME COMPLEXITY.....	207
ASYMPTOTIC ANALYSIS.....	208
ASYMPTOTIC NOTATIONS.....	208
DATA STRUCTURE BASIC CONCEPTS.....	209
DATA DEFINITION.....	209
DATA OBJECT.....	210
DATA TYPE.....	210
BASIC OPERATIONS.....	210
ARRAYS.....	211
ARRAY REPRESENTATION.....	211
BASIC OPERATIONS.....	212
INSERTION OPERATION.....	212
ARRAY INSERTIONS.....	213
DELETION OPERATION.....	219
SEARCH OPERATION.....	220
UPDATE OPERATION.....	221
LINKED LIST.....	223
LINKED LIST REPRESENTATION.....	223
TYPES OF LINKED LIST.....	223
BASIC OPERATIONS.....	223
INSERTION OPERATION.....	224
DELETION OPERATION.....	225
REVERSE OPERATION.....	226
LINKED LIST PROGRAM IN C.....	227
DOUBLY LINKED LIST.....	232

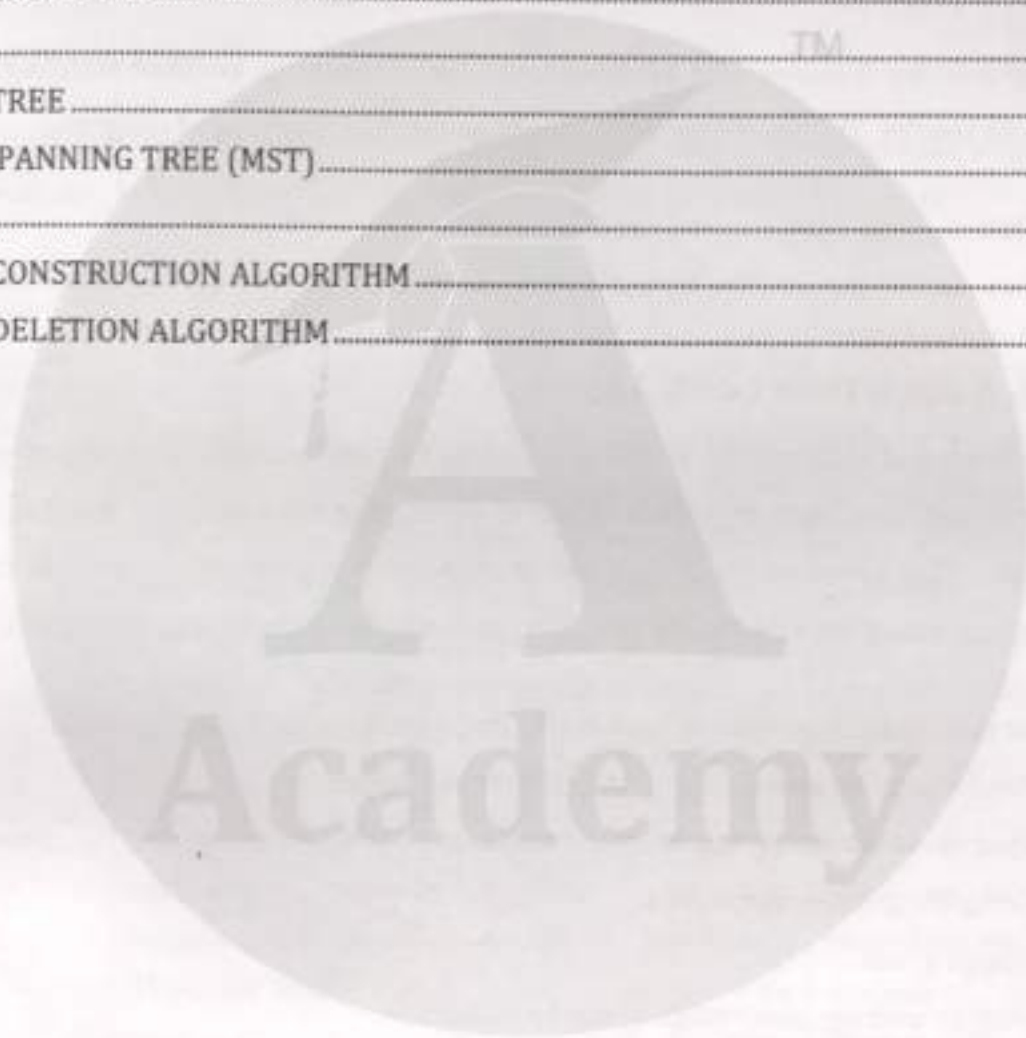


DOUBLY LINKED LIST REPRESENTATION .....	232
BASIC OPERATIONS.....	232
INSERTION OPERATION.....	233
DELETION OPERATION.....	233
DOUBLY LINKED LIST PROGRAM IN C.....	234
CIRCULAR LINKED LIST .....	238
SINGLY LINKED LIST AS CIRCULAR.....	239
DOUBLY LINKED LIST AS CIRCULAR .....	239
BASIC OPERATIONS.....	239
INSERTION OPERATION.....	239
DELETION OPERATION.....	240
DISPLAY LIST OPERATION .....	240
CIRCULAR LINKED LIST PROGRAM IN C.....	240
STACK & QUEUE.....	243
STACK INTRODUCTION .....	243
STACK REPRESENTATION.....	243
BASIC OPERATIONS.....	243
PUSH OPERATION .....	245
POP OPERATION .....	246
STACK PROGRAM IN C.....	248
EXPRESSION PARSING .....	249
PARSING EXPRESSIONS.....	250
ASSOCIATIVITY.....	251
POSTFIX EVALUATION ALGORITHM .....	251
EXPRESSION PARSING USING STACK.....	251
QUEUE INTRODUCTION.....	255
QUEUE REPRESENTATION.....	255
BASIC OPERATIONS.....	255
ENQUEUE OPERATION.....	257
DEQUEUE OPERATION.....	258
QUEUE PROGRAM IN C.....	259
SEARCHING.....	261
LINEAR SEARCH.....	261
BINARY SEARCH.....	263
INTERPOLATION SEARCH .....	268
HASHING.....	272
INTRODUCTION TO HASHING.....	272
LINEAR PROBING .....	273
BASIC OPERATIONS.....	273
DATA ITEM.....	273

HASH METHOD.....	273
SEARCH OPERATION.....	274
INSERT OPERATION.....	274
DELETE OPERATION.....	275
HASH TABLE PROGRAM IN C.....	275
SORTING.....	275
IN-PLACE SORTING AND NOT-IN-PLACE SORTING.....	278
STABLE AND NOT STABLE SORTING.....	278
ADAPTIVE AND NON-ADAPTIVE SORTING ALGORITHM.....	278
BUBBLE SORT.....	279
HOW BUBBLE SORT WORKS?.....	280
IMPLEMENTATION.....	280
INSERTION SORT.....	284
HOW INSERTION SORT WORKS?.....	286
INSERTION SORT PROGRAM IN C.....	286
SELECTION SORT.....	289
HOW SELECTION SORT WORKS?.....	291
SELECTION SORT PROGRAM IN C.....	291
MERGE SORT.....	294
HOW MERGE SORT WORKS?.....	296
MERGE SORT PROGRAM IN C.....	296
SHELL SORT.....	298
HOW SHELL SORT WORKS?.....	299
SHELL SORT PROGRAM IN C.....	299
QUICK SORT.....	302
PARTITION IN QUICK SORT.....	304
QUICK SORT PIVOT ALGORITHM.....	304
QUICK SORT PIVOT PSEUDOCODE.....	305
QUICK SORT PROGRAM IN C.....	305
GRAPHS.....	306
GRAPH DATA STRUCTURE.....	309
BASIC OPERATIONS.....	309
DEPTH FIRST TRAVERSAL.....	310
DEPTH FIRST TRAVERSAL IN C.....	310
BREADTH FIRST TRAVERSAL.....	313
BREADTH FIRST TRAVERSAL IN C.....	316
TREE DATA STRUCTURES.....	318
IMPORTANT TERMS.....	321
BINARY SEARCH TREE REPRESENTATION.....	322
BST BASIC OPERATIONS.....	322
	323



INSERT OPERATION.....	323
SEARCH OPERATION.....	325
TREE TRAVERSAL IN C.....	326
TREE TRAVERSAL.....	329
IN-ORDER TRAVERSAL.....	329
PRE-ORDER TRAVERSAL.....	330
POST-ORDER TRAVERSAL.....	331
TREE TRAVERSAL IN C.....	332
BINARY SEARCH TREE.....	335
AVL TREES.....	337
SPANNING TREE.....	342
MINIMUM SPANNING TREE (MST).....	344
HEAPS.....	351
MAX HEAP CONSTRUCTION ALGORITHM.....	352
MAX HEAP DELETION ALGORITHM.....	352





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**Functional English V**



# Manual 5

<b>Contents</b>	<b>Pg. No.</b>
1) Greeting and Introduction	1 - 3
2) Welcoming visitors	4 - 5
3) Films & Movie	6 - 9
4) Talking about Sport & Leisure	10 - 12
5) Narrating Stories	13 - 23
6) Mad Ads	24 - 27
7) Creative & Content Writing	28 - 36
8) Letter / E-Mail Writing	37 - 44
9) Handling High Pressure situations	45 - 46
10) Responding in impromptu situations	47 - 49
11) Swot Analysis	50 - 56
12) Politics & Nations	57 - 64
13) Economics	65 - 68
14) Business & Success Stories	69 - 80
15) Creativity	81 - 90
16) Technology with Jargons	91 - 104
17) Theatre	105 - 115
18) Self Assessment	116 - 118



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**Functional English I**



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# Manual 1

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<b>Contents</b>	<b>Page</b>
1. Greetings and Introduction	1 - 3
2. Welcoming Visitors	4 - 5
3. Offer, Request, Apology, Gratitude	6 - 10
4. Telephone Etiquette	11 - 12
5. Family Vocabulary	13 - 17
6. Habits and Routines	18 - 20
7. Talking about Past	21 - 25
8. Wishes and Future Plans	26 - 29
9. Describing Food Places and People	30 - 31
10. Describing appearance and physical trait	32 - 32
11. Describing self and people	33 - 36
12. Telling Directions	37 - 42
13. Job and occupation	43 - 47
14. Film and Movies	48 - 51
15. Talking about sports and leisure	52 - 54
16. Business Writing	55 - 65
17. Making Appointments	66 - 68
18. Interaction at Bank and Hospitals	69 - 71
19. Festivals and Celebrations	72 - 74
20. Talking about likes and Dislikes	75 - 77
21. Idioms, Phrases and Quotes	78 - 82
22. Narrating Stories	83 - 92



**Advanced Get Set GO**



# ADVANCED GET SET GO

## MEGHE FINISHING SCHOOL

Participant Manual



## Program Focus

Increase Self Confidence

Get Self-direction

Attain Attitude control

Effective Communication

Maintain Professional image

"Practice means to perform, over and over again in the face of all obstacles, some act of vision, of faith, of desire. Practice is a means of inviting the perfection desired."

Martha Graham





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**Get Set GO**

# GET SET GO...

## HESSIE FINISHING SCHOOL

Participant Manual



Get.....Ready

Set.....Goals

Go.....with confidence





## **Program Focus**

Increase Self Confidence

Improve Interpersonal Skills

Impactful Communication

Inculcate Leadership Skills

Immersing Positive Attitude

*Twenty years from now you will be more disappointed by the things that you didn't do than by the ones you did do. So throw off the bowlines. Sail away from the safe harbour. Catch the trade winds in your sails. Explore. Dream. Discover.*

**-Mark Twain**



# ***DATA INTERPRETATION & LOGICAL REASONING***

**Course Material for Aptitude Development**



# CONTENTS

<u>Sr. No.</u>	<u>CHAPTER NAME</u>	<u>Pg. No.</u>
1.	ORIENTATION TO DATA INTERPRETATION	01
2.	ORIENTATION TO LOGICAL REASONING	14
3.	DI-LINE GRAPH AND PIE CHART	28
4.	LR-DATA ARRANGEMENT & LOGICAL PUZZLES	35
5.	BAR GRAPHS & TABLES	50
6.	LR-DIRECTION, SYLLOGISMS & BLOOD RELATIONS	59
7.	LR-MISCELLANEOUS	82
8.	LR-VENN DIAGRAM, MATHEMATICAL OPERATIONS & CODING DECODING	97
9.	DATA SUFFICIENCY	106
10.	LR-CUBES & NUMBER SERIES	123
11.	SELECTION DECISION TABLE	141
12.	VERBAL ANALOGY	171
13.	DILR PRACTICE TESTS	210



# QUANTITATIVE APTITUDE

Course Material for Aptitude Development



# CONTENTS

1)	Introduction to Vedic Mathematics	01
2)	Introduction to Number System	19
3)	Advanced Number System	39
4)	Averages, Percentages & Interest	72
5)	Ratio, Proportion, Variation and Mixture	90
6)	Profit & Loss, Discount and Partnership	137
7)	Work & Time and Pipes & Cisterns	159
8)	Time, Speed & Distance	181
9)	Geometry-Lines, Angles & Triangles	206
10)	Mensuration 2D & 3D	224
11)	Progressions	275
12)	Permutations & Combinations	300
13)	Probability	316
14)	Calendars	336
15)	Quantitative Test 1 & Analysis	347
16)	Quantitative Test 2 & Analysis	357
17)	Quantitative Test 3 1 & Analysis	371

### Registration Form

Name of Student: - \_\_\_\_\_  
\_\_\_\_\_

Name of Institute: - \_\_\_\_\_  
\_\_\_\_\_

Name of Branch: - \_\_\_\_\_  
\_\_\_\_\_

Section and Roll No.: - \_\_\_\_\_

Enrollment No.: - \_\_\_\_\_

Email-Id: - \_\_\_\_\_

Contact No.: - \_\_\_\_\_

Sign of Student: - \_\_\_\_\_

### Objectives of the Workshop

- To aware of STADD Pro. as it is a comprehensive structural engineering software that addresses all aspects of structural engineering including model development, verification, analysis, design and review of results
- To Enhance knowledge of STADD Pro will help students to pursue their career in the field of analysis and design of civil engineering structures
- To boost the enterprenuership in the field of structural designer

The expected audience are third and final year students of B.E./B.Tech Civil Engineering.

**The participation fess is Rs. 5000/-**  
**Maximum 40 students can participate on first cum first serve basis.** The student participants will be awarded certificate of participation.

### Contact for Registration: -

Mr. D. G. Agrawal

#### Convener

[erdhiraj007@gmail.com](mailto:erdhiraj007@gmail.com), 9822999288

Mr. P. K. Hinge

#### Coordinator

[pawan.hinge@gmail.com](mailto:pawan.hinge@gmail.com), 9975561111

### Value Added Course/ Workshop on

**“Analysis and Design of Civil Engineering  
Structures using STAAD Pro.”**

On

**01/02/2020 to 30/03/2020**

**Organized by**



**Department of Civil Engineering  
Yeshwantrao Chavan College of Engineering,  
Hingna Road, Wanadongri, Nagpur**

#### Principal Convener

Mr. B. P. Nandurkar

Assistant Professor

Department of Civil Engineering,

#### Convener

Mr. D. G. Agrawal

Assistant Professor,

Department of Civil Engineering,

#### Coordinators

Mr. P. K. Hinge  
Assistant Professor,

CE Department,  
YCCE

Dr. S. P. Raut  
Associate Professor,

CE Department,  
YCCE



### Registration Form

Name of Student: - \_\_\_\_\_  
\_\_\_\_\_

Name of Institute: - \_\_\_\_\_  
\_\_\_\_\_

Name of Branch: - \_\_\_\_\_  
\_\_\_\_\_

Section and Roll No.: - \_\_\_\_\_

Enrollment No.: - \_\_\_\_\_

Email-Id: - \_\_\_\_\_

Contact No.: - \_\_\_\_\_

Sign of Student: - \_\_\_\_\_

### Objectives of the Workshop

- To make the student aware of STAAD PRO as it is a comprehensive civil engineering software that addresses all aspects of engineering including model development, verification, analysis, design, and review of results
- To Enhance knowledge of STAAD PRO that will help students to pursue their career in the field of analysis and design of civil engineering structures
- To boost entrepreneurship in the field of STAAD PRO The expected audience is 3rd year students of B.E. Civil Engineering

**The registration is free.** The student participants will be awarded with certificate of participation

### Contact for Registration: -

Mr. Harshal Warade

### Convener

[waradehm@gmail.com](mailto:waradehm@gmail.com), 9822999288

Mr. V.D.Jayale

### Coordinator

[Yivekiavale26@gmail.com](mailto:Yivekiavale26@gmail.com), 9955262841

Value Added Course/ Workshop  
on

**"STAAD PRO"**

On

**05/08/2019 to 10/09/2019`**

**Organized by**



**Department of Civil Engineering**  
Yeshwantrao Chavan College of Engineering,  
Hingna Road, Wanadongri, Nagpur

### Principal Convener

Mr. Dhiraj Agrawal

Assistant Professor

Department of Civil Engineering,

### Convener

Mr. H.M.Warade

Assistant Professor,

Department of Civil Engineering,

### Coordinators

Mr. P. K. Hinge  
Assistant Professor,  
CE Department,  
YCCE

Mr. V.D.Jayale  
Associate Professor,  
CE Department,  
YCCE

## REGISTRATION FEE

Nil

## DATES TO REMEMBER

Last Date for Registration : 08th Oct. 2019

## ELIGIBILITY

Students from Engineering colleges, Polytechnic and Industry professionals from Mechanical Engineering Domain.

## CERTIFICATION

Certification through Siemens Centre of Excellence YCCE.

## CONTACT PERSONS

- Dr. Jayant Giri  
Department of Mechanical Engg.  
E-mail: jayantpgiri@gmail.com  
Mob.9822929871

The registration form should be mailed to:

**Dr. J.P. Giri**  
jayantpgiri@gmail.com  
yccesiemens@gmail.com

## REGISTRATION FORM

SHORT TERM TRAINING PROGRAMME ON  
“Advance Optmization for  
Manufacturing”  
Siemens Centre of Excellence  
YCCE, Nagpur  
October 11th to 15th, 2019

1. Full Name:.....
2. Name of College/Institution/Organization:  
.....
3. Qualification:.....
4. Designation:.....
5. Full Address:.....  
.....
6. Pin code:.....
7. Phone No.:.....
8. Mobile No.:.....
9. E-mail:.....

Place:

Date:

Signature of the participant



ONE WEEK SHORT TERM TRAINING  
PROGRAMME ON

“Advance Optmization for  
Manufacturing”

October 11th to 15th, 2019

**ORGANIZED BY :**

**Siemens Centre of Excellence  
Department of Mechanical Engineering  
Yeshwantrao Chavan College of  
Engineering, Nagpur-441110**



## OBJECTIVE

Customized training program intended to foster a platform for students from All Engineering domain to understand emerging trends of machine learning in manufacturing sector.

## ABOUT INSTITUTE

Yeshwantrao Chavan College of Engineering (YCCE) is established in 1984 by Nagar Yuvak Shikshan Sanstha, Nagpur. It is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. YCCE is renowned for engineering education and research. For over 28 years, it has successfully nurtured young engineering professionals, becoming a sought after destination for students aspiring to higher technical education and placement in the competitive software and core industry.

The college is guided by Academic Advisory Board consisting of eminent academicians from prestigious technical institutes in India and USA. The college is having well qualified and experienced senior faculty members.

YCCE has become the first private engineering college to acquire "Autonomous Status" in Central India. The institute is implementing autonomy in progressive manner from academic session 2010-11. The students admitted to B.E. and M.Tech. Courses from academic session 2010-11 are under autonomy.

## About Mechanical Engineering Department

The Mechanical Engineering Department was established in the year 1984, With an aim to develop highly competent human resources in Mechanical Engineering profession, department is equipped with up-to-date infrastructure. The emphasis is on making aspirant familiar with theoretical and practical aspects of various fields of Mechanical Engineering.

Our promising thrust areas include CAD/CAM, Quality and Productivity Improvement, Industrial Fluidics, Automobile Engineering, Refrigeration and Air Conditioning & Heat Transfer applications.

To develop skills in manufacturing and fabrication, we have a well equipped Central Workshop. Students are trained on specialized facilities like NC/CNC Machines, Robot, Flexible Manufacturing Systems and advanced software like ORACLE, AUTODESK, Pro-E, ANSYS and CATIA.

## About Siemens Centre of Excellence

Department of Mechanical Engineering, YCCE has established Siemens centre of excellence under the proficient guidance and support from Siemens and AICTE .Education fraternity and Industries are drawn from the resources of Centre of Excellence and its industry and academic partners, and bring unique and relevant domain expertise that can provide ongoing linkage to the needs and trends of the Digital Manufacturing. Under the guidance and direction of the Siemens and AICTE, concepts and innovative ideas can be nurtured to exchange industry knowledge and developments and to provide practical and immediate prevalence to the various activities.

The vision of the Siemens Centre of Excellence, YCCE is to provide a responsive and innovative nucleus for growth and expansion of common platform between academia and industries. The training facilities, focusing the efforts of a highly skilled and experienced cadre of thought leaders who have the mission to energize the application of innovation as a competitive edge.

## COURSE OUTLINE

- Basics of machine learning
- Fundamentals of MATLAB Programming
- Fundamentals of Curve fitting
- Response Surface Methodology using MATLAB
- Artificial Neural Network
- Optimization using ANN
- Mathematical Modeling using ANN
- Modeling and Simulation using Simulink
- Case Studies on Modeling and Simulation

## COURSE INSTRUCTORS

- Dr.J.P.Giri

## Patron

- Hon'ble Shri Dattaji Meghe  
Chairmen, Nagar Yuvak Shikshan sanstha, Nagpur
- Shri Sagarji Meghe  
Secretary, Nagar Yuvak Shikshan sanstha, Nagpur
- Shri Sameerji Meghe  
Treasurer, Nagar Yuvak Shikshan sanstha, Nagpur

## ADVISORY BOARD

Dr.R.L.Shrivastava  
Dr. V.H.Tatwawadi  
Dr. S.P.Untawale  
Prof.B.D.Deshmukh  
Prof. A.J.Bamnate  
Dr. S.D.Kshirsagar  
Prof. M.R.Kotwal  
Prof.S.L.Bankar  
Prof.A.M.Pande

## ORGANIZING COMMITTEE

### Coordinator

Dr. Jayant Giri

### Co-coordinator

Prof. R.B. Chadge

### Organizing Secretary

Dr. U.P. Waghe  
Principal, YCCE

### Convener

Dr.S.S.Chaudhary  
Head, Department of Mechanical Engineering



## REGISTRATION FEE

Nil

## DATES TO REMEMBER

Last Date for Registration : 25<sup>TH</sup> Sept. 2019

## ELIGIBILITY

Students from Engineering colleges, Polytechnic and Industry professionals from Mechanical Engineering Domain.

## CERTIFICATION

Certification through Siemens Centre of Excellence YCCE.

## CONTACT PERSONS

- Dr. Jayant Giri  
Department of Mechanical Engg.  
E-mail: jayantpgiri@gmail.com  
Mob.9822929871

The registration form should be mailed to:

Dr. J.P. Giri  
jayantpgiri@gmail.com  
yccesiemens@gmail.com

## REGISTRATION FORM

SHORT TERM TRAINING PROGRAMME ON  
"Machine Learning for Manufacturing"

Siemens Centre of Excellence  
YCCE, Nagpur  
September 27-October 01, 2019

1. Full Name:.....
2. Name of College/Institution/Organization:  
.....
3. Qualification:.....
4. Designation:.....
5. Full Address:.....  
.....
6. Pin code:.....
7. Phone No.:.....
8. Mobile No.:.....
9. E-mail:.....

Place:  
Date:

Signature of the participant



ONE WEEK SHORT TERM TRAINING  
PROGRAMME ON

"Machine Learning for Manufacturing"

September 27-October 01, 2019

ORGANIZED BY :

Siemens Centre of Excellence  
Department of Mechanical Engineering  
Yeshwantrao Chavan College of  
Engineering, Nagpur-441110



## OBJECTIVE

Customized training program intended to foster a platform for students from All Engineering domain to understand emerging trends of machine learning in manufacturing sector.

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The college is guided by Academic Advisory Board consisting of eminent academicians from prestigious technical institutes in India and USA. The college is having well qualified and experienced senior faculty members.

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## COURSE OUTLINE

- Basics of machine learning
- Data plotting
- Fundamentals of MATLAB Programming
- Fundamentals of Curve fitting
- Response Surface Methodology using MATLAB
- Artificial Neural Network
- Optimization using ANN
- Mathematical Modeling using ANN
- Modeling and Simulation using Simulink
- Case Studies on Modeling and Simulation

## COURSE INSTRUCTORS

- Dr.J.P.Giri

## Patron

- Hon'ble Shri Dattaji Meghe  
Chairmen, Nagar Yuvak Shikshan sanstha, Nagpur
- Shri Sagarji Meghe  
Secretary, Nagar Yuvak Shikshan sanstha, Nagpur
- Shri Sameerji Meghe  
Treasurer, Nagar Yuvak Shikshan sanstha, Nagpur

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Dr. V.H.Tatwawadi  
Prof.B.D.Deshmukh  
Prof. A.J.Bamnote  
Dr. S.D.Kshirsagar  
Prof.S.L.Bankar  
Prof.A.M.Pande

## ORGANIZING COMMITTEE

### Coordinator

Dr. Jayant Giri

### Co-coordinator

Prof. R.B. Chadge

### Organizing Secretary

Dr. U.P. Waghe  
Principal, YCCE

### Convener

Dr.S.S.Chaudhary  
Head, Department of Mechanical Engineering

**REGISTRATION FEE**

Nil

**DATES TO REMEMBER**

**Last Date for Registration : 01st Oct. 2019**

**ELIGIBILITY**

Students from Engineering colleges, Polytechnic and Industry professionals from Mechanical Engineering Domain.

**CERTIFICATION**

Certification through Siemens Centre of Excellence YCCE.

**CONTACT PERSONS**

- Dr. S.S. Khedkar  
Department of Mechanical Engg.  
E-mail:sandip171180@gmail.com  
Mob.9552555061

**The registration form should be mailed to:  
Dr. S.S. Khedkar  
sandip171180@gmail.com**

**REGISTRATION FORM**

SHORT TERM TRAINING PROGRAMME ON  
“**Plant Design Manufacturing System**”

Department of Mechanical Engineering  
Yeshwantrao Chavan College of  
Engineering, Nagpur-441110

October 05th to 15th, 2019

1. Full Name:.....
2. Name of College/Institution/Organization:  
.....
3. Qualification:.....
4. Designation:.....
5. Full Address:.....  
.....
6. Pin code:.....
7. Phone No.:.....
8. Mobile No.:.....
9. E-mail:.....

Place:  
Date:

Signature of the participant



**ONE WEEK SHORT TERM TRAINING PROGRAMME ON**

**“Plant Design Manufacturing System”**

**October 05th to 15th, 2019**

**ORGANIZED BY :**

**Department of Mechanical Engineering  
Yeshwantrao Chavan College of  
Engineering, Nagpur-441110**



## **OBJECTIVE**

Customized training program intended to foster a platform for students from All Engineering domain to understand emerging trends of machine learning in manufacturing sector.

## **ABOUT INSTITUTE**

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To develop skills in manufacturing and fabrication, we have a well equipped Central Workshop. Students are trained on specialized facilities like NC/CNC Machines, Robot, Flexible Manufacturing Systems and advanced software like ORACLE, AUTODESK, Pro-E, ANSYS and CATIA.

## **COURSE OUTLINE**

- Basics of plant layout
- Fundamentals of layout design
- Fundamentals of design criterias
- Different techniques of plant design

## **COURSE INSTRUCTORS**

**Mr. Jitendra Nikam**  
AVEVA Technologies  
Mumbai

**Dr. S.S. Khedkar**  
sandip171180@gmail.com

## **Patron**

- Hon'ble Shri Dattaji Meghe  
Chairmen, Nagar Yuvak Shikshan sanstha, Nagpur
- Shri Sagarji Meghe  
Secretary, Nagar Yuvak Shikshan sanstha, Nagpur
- Shri Sameerji Meghe  
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Dr. S.D.Kshirsagar  
Prof. M.R.Kotwal  
Prof.S.L.Bankar  
Prof.A.M.Pande

## **ORGANIZING COMMITTEE**

### **Coordinators**

Dr. S.S. Khedkar

### **Co-coordinators**

Prof.A.P. Edlabadkar  
Prof. R. V.Adakane  
Prof. A. R.Narkhde

### **Organizing Secretary**

Dr. U.P. Waghe  
Principal, YCCE

### **Convener**

Dr.S.S.Chaudhary  
Head, Department of Mechanical Engineering



**Yeshwantrao Chavan College of Engineering, Wanadongri,  
Nagpur-441110**

**VALUE ADDED COURSE**

**INTRODUCTION TO IOT PROGRAMING**

**12-16 Oct 2019**

THE OPEN-SOURCE ELECTRONICS PROTOTYPING PLATFORM



**Organized by  
Department of Electrical Engineering**





## Objectives of the Course:

MATLAB is one of the most widely used high level computing languages; it provides users a friendly and interactive environment for algorithm development, data visualisation, data analysis, and numeric computation. With its extensive libraries of mathematical and graphical routines, MATLAB is used in areas such as, control design, test and measurement, power system design.

This course provides a progressively gentle introduction to MATLAB, fundamentals of programming, solving mathematical equations, simulation of converters, PWM techniques and its applications in the field of power electronics, drives, renewable energy systems etc. using MATLAB. The contents of this workshop are so designed that the learner will be able to develop the electrical systems.

This course will offer a unique opportunity for faculty, research scholars, PG students working in the relevant topics to develop expertise through theoretical sessions and laboratory based demonstrations.

## Course Contents:

- Introduction to Basic programming, Modelling and Simulations.
- Applications of various Simulink (Power system) Blocks.
- Simulations of Converters and Inverters
- Simulation of Multilevel Inverters
- Modulation Techniques
- PV Programming and simulation of Grid Connected Systems and controls.
- Realization of Power Quality Problems using Simulink
- Simulations of Active Filters
- Harmonic Analysis using MATLAB
- Reliability Analysis using MATLAB programming
- Artificial Intelligence

## Faculty:

Apart from the faculty of YCCE, eminent guest faculty in this field from NITs, Other prominent Institutes and Industry will deliver the lectures.

## How to Apply:

Interested participants are required to submit the application form along with registration fees by demand draft / cash payment to the course coordinators. The demand draft to be drawn in favour of 'The Principal, YCCE' payable at Nagpur.

**Registration Fees: Rs. 2000/- for faculty participant and Rs. 1200 for PG Students.**

## Eligibility:

The course is best suited for faculty of Electrical and Electronics Engineering. The course is open to faculty members of TEQIP network institutions; AICTE approved engineering colleges, industrial professionals, and research students.

## Important Date:

Last date of receipt of application form:

**JANUARY 10, 2020**

Intimation to applicants by e-mail

**JANUARY 12, 2020**

## Allowances, Lodging and Boarding

Working lunch during the course will be made available by the Institute. Accommodation to outstation participants will be provided on request on payment basis. TA/DA will not be admissible to any participant.

## Contacts:

**Dr. S. P. Gawande**, Dept. of Electrical Engg. (M)  
9960328951, e-mail-spgawande\_18@yahoo.com  
**MS.S.L.Tiwari**, Dept. of Electrical Engg. (M)  
9422823380, shweta\_tiwari200410@rediff.com

## VALUE ADDED COURSE ON

## MATLAB APPLICATIONS FOR ELECTRICAL ENGINEERING

**(13 - 18<sup>th</sup> JANUARY 2020)**  
**APPLICATION FORM**

Name: \_\_\_\_\_

Age: \_\_\_\_\_

Designation: \_\_\_\_\_

Organization: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

E-mail id: \_\_\_\_\_

Highest Academic Qualification: \_\_\_\_\_

Experience: \_\_\_\_\_

Details of registration fees :

Amount: \_\_\_\_\_ DD No.: \_\_\_\_\_

Dated: \_\_\_\_\_ Bank : \_\_\_\_\_

Accommodation required: Yes / No

Date: \_\_\_\_\_ Signature of the applicant

The applicant will be permitted to attend the programme, if selected.

Date: \_\_\_\_\_ Signature of the sponsoring authority with seal



## Our Location:

The College is located at about 12 Km from Nagpur on the Nagpur-Hingna road at Wanadongri, on a hilltop. Lush green campus has been developed in about 40 acre of land with well-maintained greenery and beautiful gardens.

## Our Institute:

Yeshwantrao Chavan College of Engineering (YCCE) established in 1984, is a premier technical educational institute of Central India. It is affiliated to Rashtrasant Tukdoji Maharaj Nagpur University (RTMNU). YCCE had become the first private engineering college to acquire 'Autonomous Status' in Central India. The institute is guided by Academic Board consisting of eminent academicians from prestigious technical institutes in India and abroad. The college received ISTE Best National Private Engineering College Award for 2014. Recently, YCCE is ranked 93<sup>rd</sup> at all India level amongst IITs, NITs, Govt. & Autonomous Institutions by NIFR, Ministry HRD, Govt. of India.

## About Department of Electrical Engg.:

The department is accredited by National Board of Accreditation (NBA). The department is one of the well established departments imparting quality education to UG (Electrical) and PG (Integrated Power Systems) programmes. The department also offers Ph.D. programme to promote research activities in the various areas of Electrical Engineering. The department has wide research publications in reputed International/National conferences as well as SCI index journals like IEEE Transactions, IET, Elsevier, Journal of Power Electronics, Taylor & Francis etc. The department is having well established laboratories with computing facility having software's like MATLAB, EMTDC/PSCAD, SKM Power Tools, VSIM, PSIM and CASPOC.

(Self-Financing Basis)  
ON

## MATLAB APPLICATIONS FOR ELECTRICAL ENGINEERING

### Convener

**Dr.S.P.Adhau**  
Head of Department

**Co-ordinator**  
**Prof. P.S.Patil**

**Co-cordinator**  
**Prof. R.S.Khonde**

**Organised by**

Department of Electrical Engineering



**Yeshwantrao Chavan College of  
Engineering**  
Hingna Road, Wanadongri,  
Nagpur (M.S.) – 441 110

## Patrons:

**Hon'ble Shri. Dattaji Meghe** - Ex Member of Parliament (Lok Sabha) Chancellor, DMIMS, Nagpur, Chairman, NYSS, Nagpur.

**Shri. Sagarji Meghe** - Ex-MLC, Maharashtra State, Secretary, NYSS, Nagpur.

**Shri. Sameerji Meghe**- MLA, Hingna Constituency, Maharashtra State, Secretary, DMIMS, Nagpur, Treasurer, NYSS, Nagpur.

## Advisors :

**Dr. U. P. Waghe**, Principal, YCCE, Nagpur

**Dr. U. P. Waghe**, Principal, YCCE, Nagpur

**Dr. P. K. Dakhole**, Registrar, YCCE, Nagpur

**Dr. A. M. Pande**, Director R & D (MGI), Nagpur.

## Technical Committee:

**Dr. V. B. Borghate**, VNIT, Nagpur.

**Dr. M. R. Ramteke**, VNIT, Nagpur.

**Dr. M. B. Diagavane**, GHRIETW, Nagpur.

**Dr. S. B. Bodhke**, RCOEM, Nagpur.

**Dr. S.P. Mule**, PCOEA, Nagpur

**Prof. P. D. Debre**, RGCER, Nagpur.

**Prof. Somalwar**, DMIETR, Wardha,

**Dr. Mrs. Shilpa Kalambe**, DBACER, Nagpur.

## Organising Committee:

**Prof. B. Y. Bagde**

**Dr. P. M. Meshram**

**Dr. S. G. Kadwane.**

**Dr. S. P. Gawande**

**Prof. A. P. Munshi.**

**Prof. A. S. Lilhare**

**Prof. P. B. Joshi**

**Prof. Rohan Khonde.**

**Prof. Ashish Tikle.**





Nagar Yuvak Shiksha Sansstha's  
**Yeshwantrao Chavan College of Engineering**

An Autonomous Institute Affiliated to Pimpri Chinchwad Education Trust, Pimpri, Maharashtra  
(Accredited 'A' Grade by NAAC)

**One Week Online  
Students Development Programme  
(COVID Lock Down 2020)**



On

**"Basics of Arduino"**  
**26<sup>th</sup> June to 30<sup>th</sup> June 2020**  
In Association with



**"Spoken Tutorial Project"**  
Indian Institute of Technology,  
Bombay.

### CHIEF PATRONS:

**Hon. Shri Dattaji Meghe**  
Chairman,  
Nagar Yuvak Shiksha Sansstha's, Nagpur.  
**Shri. Sagarji Meghe**  
Secretary,  
Nagar Yuvak Shiksha Sansstha's, Nagpur.  
**Shri. Sameerji Meghe**  
Treasurer,  
Nagar Yuvak Shiksha Sansstha's, Nagpur.

### GENERAL CHAIR:

**Dr. U. P. Waghe.**  
Principal, YCCE, Nagpur

### CONVENER:

**Dr. P. T. Karule.**  
Head of the Department,  
Department of Electronics Engineering YCCE.

### CO - ORDINATORS:

**Prof. Ajay B. Thatere.**  
(BE First Year Coordinator, YCCE)  
**Prof. Atish P. Peshattivar.**  
**Prof. Kuldeep G. Pande.**

### HOW TO APPLY?

Participant should register on the following link. The registration link is open till 24<sup>th</sup> June 2020. Participants will be selected on a **First Come First Served Basis**. Limited seats are available for the said workshop. **E - Certificate will be provided after successfully completed the workshop.**

Link: <https://forms.gle/AbTymfY692CVZZWn7>

### CONTACT PERSONS

- > **Prof. Atish P. Peshattivar.** (982334484)
- > **Prof. Kuldeep G. Pande** (9325106819)

### IMPORTANT INSTRUCTION

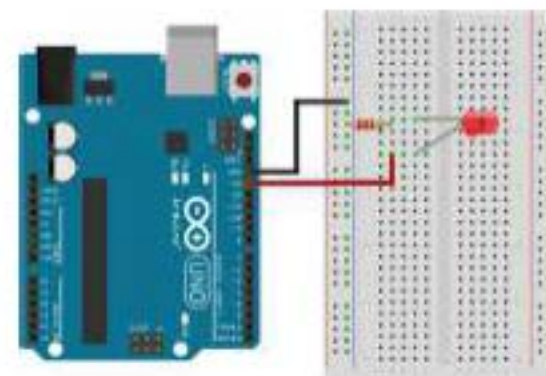
#### 1. Resource Material Available:

[https://spoken-tutorial.org/tutorial-search/?search\\_foss=Arduino&search\\_langu=English](https://spoken-tutorial.org/tutorial-search/?search_foss=Arduino&search_langu=English)

Contact Hours: 11:00 am To 5:00 pm.

#### 2. Last Date of Registration:

**24<sup>th</sup> June 2020**



## ABOUT MEGHE GROUP

XXI Century Institutions are expected to impart education in a cross border, cross cultural environment. And also XXI Century Graduates are expected to work in a World Characterized by fragmentation of Research, Product Definition, Design, Manufacturing, Distribution and Services. Keeping this in view and also the current Education Scenario Nationally/Globally, the Institutions under the umbrella of Meghe Group of Institutions [MGI] provides excellence in education by adhering to the National/International benchmarks.

## ABOUT THE INSTITUTE

The college is guided by the Academic Advisory Board consisting of eminent academicians from the prestigious technical institutes in India and USA. The college is having well qualified and experienced senior faculty members. Yeshwantrao Chavan College of Engineering (YCCE) is renowned for Engineering Education and Research. For over 36 years, it has successfully nurtured young engineering professionals, becoming a sought-after destination for students aspiring to higher technical education and placement in the competitive software and core industries. It offers a rare combination of respected scholars, international footprint and interdisciplinary studies.

## ABOUT THE EE DEPARTMENT

The department of **Electronics Engineering** was established in 1984 and listed as one of the best private electronics engineering colleges in Maharashtra. Department is running one UG program and one PG program M.Tech (EE). Majority of faculty members are actively involved in

key research areas, including VLSI design, Embedded System design, Digital Signal & Image Processing. Academic profile as well as contribute as resource person and experts in various aspects.

## WHAT IS ARDUINO?

Arduino is an open-source electronics platform used for building electronics projects. Arduino consists of both a physical programmable circuit board or microcontroller and a software IDE (Integrated Development Environment) that runs on the computer. It is used to write and upload computer code to the physical board. It is intended for making interactive projects. Download Arduino IDE from [www.arduino.cc](http://www.arduino.cc)

## FEATURES OF ARDUINO IDE

- Works on Linux, Windows and Mac operating systems
- Has many in-built functions that make programming simple and easy
- Easy to write code and upload it to the physical board
- Arduino IDE can be used with any Arduino board
- Can be easily adapted for IoT applications
- Arduino can be turned into IoT product by adding ESP8266 wifi module

## ELIGIBILITY

1. Students of engineering, management institutions at Degree /Diploma levels, of are eligible to participate. All the Participants are required to fill up online registration form before the deadlines.
2. Registration is FREE for all participants.

## COURSE CONTENT

- Overview of Arduino
- Electronic components and connections
- Introduction to Arduino
- Arduino components and IDE
- First Arduino Program
- Arduino with Tricolor LED and Push button
- Arduino with LCD
- Display counter using Arduino
- Seven segment display
- Pulse Width Modulation
- Analog to Digital Conversion
- Wireless Connectivity to Arduino

## BENEFITS OF USING ARDUINO KIT

- Arduino boards are less expensive compared to other microcontroller's platform.
- The Arduino programming environment is easy-to-use for beginners.
- For advanced users, the language can be expanded through C++ libraries and AVR-GCC programming language can be added to Arduino programs.
- The modules are published under a Creative Commons license, so circuit designers can make their own version of the module.

**Important Note: The Spoken Tutorial Project team conducts workshop "Basics of Arduino" spoken tutorials and gives certificate to those who pass the online test.**

**Date: 26<sup>th</sup> to 30<sup>th</sup> June 2020**





Nagar Yuvak Shikshan Sanstha's  
**Yeshwantrao Chavan College of Engineering**

(An Autonomous Institution affiliated to Pimpri Chinchwad Education Trust, Pimpri, Maharashtra, (Nagpur University))  
(Accredited 'A' Grade by NAAC)

**One Week Online  
Students Development Programme**

On



**“eSim”**

A Free and Open  
Source EDA Tool

**10<sup>th</sup> August to 14<sup>th</sup> August 2020**  
In Association with



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Secretary,

Nagar Yuvak Shikshan Sanstha's, Nagpur.

**Shri. Sameerji Meghe**

Treasurer,

Nagar Yuvak Shikshan Sanstha's, Nagpur.

**General Chair:**

**Dr. U. P. Waghe.**

Principal, YCCE, Nagpur

**Convener:**

**Dr. P. T. Karule.**

Head of the Department,

Department of Electronics Engineering, YCCE.

**Co-Ordinators:**

**Prof. Ajay B. Thatere.**

(BE First Year Coordinator, YCCE)

**Prof. Atish A. Peshattiwar.**

**Prof. Kuldeep G. Pande.**

**How To Apply?**

Participant should register on the following link. The registration link is open till 08<sup>th</sup> August 2020. Participants will be selected on a **First Come First Served Basis**. Limited seats are available for the said workshop. **E-Certificate will be provided after successfully completed the workshop.**

Link: <https://forms.gle/3LfQt7SCaALcg62R7>

**Contact Persons:**

➤ **Prof. Atish A. Peshattiwar.(9823344846)**

➤ **Prof. Kuldeep G. Pande.(9325106819)**

**Important Instructions:**

**1. Resource Material Available:**

[https://spoken-tutorial.org/tutorial-search?search\\_foss=eSim&search\\_language=English](https://spoken-tutorial.org/tutorial-search?search_foss=eSim&search_language=English)

**Contact Hours: 11:00 am To 5:00p m.**

**2. Last Date of**

**Registration: 08<sup>th</sup> August 2020**



## About Meghe Group:

XXI Century Institutions are expected to impart education in a cross border, cross cultural environment. And also XXI Century Graduates are expected to work in a World Characterized by fragmentation of Research, Product Definition, Design, Manufacturing, Distribution and Services. Keeping this in view and also the current Education Scenario Nationally/Globally, the Institutions under the umbrella of Meghe Group of Institutions [MGI] provides excellence in education by adhering to the National/International benchmarks.

## About The Institute:

The college is guided by the Academic Advisory Board consisting of eminent academicians from the prestigious technical institutes in India and USA. The college is having well qualified and experienced senior faculty members. Yeshwantrao Chavan College of Engineering (YCCE) is renowned for Engineering Education and Research. For over 36 years, it has successfully nurtured young engineering professionals, becoming a sought-after destination for students aspiring to higher technical education and placement in the competitive software and core industries. It offers a rare combination of respected scholars, international footprint and interdisciplinary studies.

## About The EE Department:

The department of Electronics Engineering was established in 1984 and listed as one of the best private electronics engineering colleges in Maharashtra. Department is running one UG program and one PG program M.Tech (EE). Majority of faculty members are actively

involved in key research areas, including VLSI design, Embedded System design, Digital Signal & Image Processing. Academic profile as well as contribute as resource person and experts in various aspects.

## Introduction to eSim:

eSim (previously known as OScad / FreeEDA) is a free/libre and open source EDA tool developed by the FOSSEE team at IIT Bombay. It can be used for circuit design, simulation, and PCB design. It also supports mixed-mode simulation.

It is an integrated tool built using free/libre and open source software such as KiCad (<http://www.kicadpcb.org>), Ngspice (<http://ngspice.sourceforge.net/>) and GHDL (<http://ghdl.free.fr/>). eSim is released under GNU GPL License and runs on Ubuntu Linux OS, Windows 7 and above versions of Windows OS.

## Features:

### Create Circuit Schematic

- Generate netlists for simulation and PCB design.
- Perform Electric Rules Check (ERC).
- Create new components using Library Editor.

### Perform Circuit Simulation

- Analog, digital and mixed signal circuit simulations.
- Perform AC, DC, DC operating point and Transient analyses.
- Interactive Python plotting.

### Create PCB Layout

- Design multilayer PCB layouts.
- Create custom footprints or modify the existing footprints per requirement.

- Export the design in formats such as Gerber, PDF, SVG and several other formats.

## Advanced Features

### Model Builder

- Create/upload spice model for semiconductor devices.
- Modify or edit existing spice models for semiconductor devices.

## ELIGIBILITY:

1. Students of engineering, management institutions at Degree /Diploma levels, of are eligible to participate. All the Participants are required to fill up online registration form before the deadlines.
2. Registration is FREE for all participants.

**Important Note: The Spoken Tutorial Project team conducts workshop “eSim” spoken tutorials and gives certificate to those who pass the online test.**

**Date: 10<sup>th</sup> to 14<sup>th</sup> August 2020**





Yeshwantrao Chavan College of  
Engineering , Nagpur

Department of Electronics and Telecommunication  
Engineering

Presents

Online Student Development Program  
on

***“Advances in Embedded  
systems and IoT”***

Registration Free for all  
E-Certificates to all the participants

Duration: 26<sup>th</sup> June to 01<sup>st</sup> July 2020

Timing 11.00AM to 1.00PM

Contents:

Arduino, ATMEGA 16, ARM,  
Raspberry pi, IoT

Registration Link:

Last Date of registration: 24.06.2020

Faculty Coordinators:

Prof. S. A. Desai

Prof. C. S. Gode



# Industrial Programming Language





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## TABLE OF CONTENTS

C PROGRAMMING LANGUAGE.....	10
INTRODUCTION TO PROGRAMMING LANGUAGE.....	10
WHAT IS PROGRAMMING?.....	10
DEVELOPING A SOLUTION LOGICALLY.....	10
PROGRAMMING: THE NEXT STEP AFTER DEVELOPING AN ALGORITHM.....	10
INTRODUCTION TO C PROGRAMMING.....	10
ORIGIN OF C.....	12
WHERE IS C USEFUL?.....	12
WHAT KIND OF LANGUAGE IS C?.....	13
DATA TYPES.....	13
THE INT DATA TYPE.....	13
THE FLOAT DATA TYPE.....	14
THE CHAR DATA TYPE.....	14
VARIABLES & CONSTANTS.....	14
DECLARING VARIABLES IN A C PROGRAM.....	15
STORING DATA IN VARIABLES.....	15
DATA AND INPUT FUNCTIONS.....	16
OPERATORS.....	18
ARITHMETIC OPERATORS.....	18
TYPECASTING.....	20
ASSIGNMENT OPERATORS IN C.....	20
RELATIONAL OPERATORS.....	21
LOGICAL OPERATORS.....	22
EXPRESSIONS AND OPERATOR PRECEDENCE.....	24
CONTROL STRUCTURES.....	25
THE IF STATEMENT.....	25
MULTIPLE STATEMENTS WITHIN IF.....	27
THE IF-ELSE STATEMENT.....	28
NESTED IF-ELSESES.....	29
USE OF LOGICAL OPERATORS.....	30
THE ELSE IF CLAUSE.....	31
LOOPING & ITERATION.....	31
LOOPS.....	32
THE WHILE LOOP.....	32
THE FOR LOOP.....	35
NESTING OF LOOPS.....	39
MULTIPLE INITIALISATIONS IN THE FOR LOOP.....	40
THE BREAK STATEMENT.....	40
THE CONTINUE STATEMENT.....	42



THE DO-WHILE LOOP .....	43
DECISIONS USING SWITCH .....	44
FUNCTIONS & POINTERS .....	46
INTRODUCTION TO FUNCTIONS .....	47
PASSING VALUES BETWEEN FUNCTIONS .....	49
SCOPE RULE OF FUNCTIONS .....	50
INTRODUCTION TO POINTERS .....	51
POINTER NOTATION .....	51
ARRAYS .....	56
WHAT ARE ARRAYS .....	56
A SIMPLE PROGRAM USING ARRAY .....	57
ARRAY DECLARATION .....	58
ACCESSING ELEMENTS OF AN ARRAY .....	58
READING DATA FROM AN ARRAY .....	59
ARRAY INITIALISATION .....	59
POINTERS AND ARRAYS .....	61
PASSING AN ENTIRE ARRAY TO A FUNCTION .....	62
TWO DIMENSIONAL ARRAYS .....	63
POINTER TO AN ARRAY .....	67
ARRAY OF POINTERS .....	70
THREE-DIMENSIONAL ARRAY .....	71
WORKING WITH STRINGS .....	71
WHAT ARE STRINGS .....	72
MORE ABOUT STRINGS .....	72
POINTERS AND STRINGS .....	75
STANDARD LIBRARY STRING FUNCTIONS .....	76
STRUCTURES .....	81
WHY USE STRUCTURES .....	82
DECLARING A STRUCTURE .....	83
ACCESSING STRUCTURE ELEMENTS .....	85
HOW STRUCTURE ELEMENTS ARE STORED .....	85
ARRAY OF STRUCTURES .....	86
ADDITIONAL FEATURES OF STRUCTURES .....	87
USES OF STRUCTURES .....	92
FILE HANDLING .....	93
DATA ORGANIZATION .....	93
FILE OPERATIONS .....	94
A FILE-COPY PROGRAM .....	98
WRITING TO A FILE .....	99
FILE OPENING MODES .....	99



STRING (LINE) I/O IN FILES .....	100
THE AWKWARD NEWLINE .....	102
RECORD I/O IN FILES .....	102
DATABASE MANAGEMENT .....	104
PROGRAMMING IN C++ .....	109
INTRODUCTION TO C++ .....	109
OBJECT ORIENTED PROGRAMMING .....	109
INTRODUCTION TO CLASSES AND OBJECTS .....	109
CLASSES V/S PROCEDURAL PROGRAM .....	110
STRUCTURE OF C++ PROGRAM .....	110
COMPONENTS OF C++ PROGRAM .....	111
HEADER FILES .....	111
INT MAIN( ) OR VOID MAIN( ) .....	112
DATA TYPES .....	112
VARIABLES .....	113
SCOPE OF VARIABLES .....	113
OPERATORS .....	114
CONDITIONAL STATEMENTS .....	115
IF STATEMENT .....	115
IF...ELSE STATEMENT .....	115
ITERATION STRUCTURES .....	116
WHILE LOOP STRUCTURE .....	116
DO...WHILE LOOP STRUCTURE .....	117
FOR LOOP STRUCTURE .....	117
SWITCH CASE STRUCTURE .....	118
FUNCTIONS .....	118
INTRODUCTION TO FUNCTIONS .....	118
USER DEFINED FUNCTIONS .....	119
FUNCTION PROTOTYPE AND RETURN STATEMENT .....	120
RETURN STATEMENT .....	122
FUNCTIONS WITH EMPTY PARAMETER LIST .....	125
FUNCTION OVERLOADING .....	125
THE INLINE FUNCTIONS .....	126
CLASSES & OBJECTS .....	127
DECLARATION OF CLASS AND CLASS OBJECTS .....	128
ACCESS SPECIFIERS - PRIVATE, PROTECTED AND PUBLIC .....	130
DEFINING A MEMBER FUNCTION OUTSIDE THE CLASS .....	131
INITIALIZING PRIVATE DATA MEMBERS .....	132
ACCESSING PRIVATE DATA MEMBERS .....	134
CLASS WITH AN ARRAY AS DATA MEMBER .....	135



CLASS WITH AN ARRAY OF STRINGS AS DATA MEMBER .....	136
CLASS CONSTRUCTOR AND DESTRUCTOR FUNCTIONS .....	137
TYPES OF CONSTRUCTORS .....	139
ACCESSING PRIVATE FUNCTION MEMBERS OF A CLASS .....	142
POINTER TO A CLASS .....	143
POINTERS TO OBJECTS OF A CLASS .....	146
POINTERS TO FUNCTION MEMBERS OF A CLASS .....	147
POINTER TO DATA MEMBER OF A CLASS .....	148
STATIC DATA MEMBERS OF A CLASS .....	149
STATIC FUNCTION MEMBER OF A CLASS .....	151
OPERATOR OVERLOADING .....	152
INTRODUCTION TO OPERATOR OVERLOADING .....	152
OPERATORS THAT MAY BE OVERLOADED .....	153
RESTRICTIONS ON OVERLOADED OPERATORS .....	153
OPERATOR OVERLOADING FUNCTIONS .....	153
OVERLOADING FUNCTIONS AND ARGUMENTS .....	154
OPERATOR + DEFINED TO CARRY OUT MINUS OPERATION .....	155
ADDITION OF COMPLEX NUMBERS .....	157
OVERLOADING OF += AND -= OPERATORS .....	157
OVERLOADING OF INSERTION (<<), EXTRACTION (>>) AND /= OPERATORS .....	158
OVERLOADING OF INCREMENT AND DECREMENT OPERATORS (++ AND --) .....	160
OVERLOADING OF EQUALITY OPERATOR (==) .....	162
OVERLOADING OF INDEX OPERATOR [ ] .....	163
INHERITANCE .....	164
INTRODUCTION TO INHERITANCE .....	164
FORMS OF INHERITANCES .....	164
SINGLE PUBLIC INHERITANCE .....	166
SINGLE PROTECTED INHERITANCE .....	170
SINGLE PRIVATE INHERITANCE .....	171
MULTIPLE INHERITANCE .....	171
MULTILEVEL INHERITANCE .....	173
CONSTRUCTORS AND DESTRUCTORS IN INHERITANCE .....	175
POLYMORPHISM .....	178
VIRTUAL FUNCTIONS .....	178
ARRAYS OF BASE CLASS POINTERS .....	184
EXCEPTION HANDLING .....	185
INTRODUCTION .....	185
THE TRY, THROW AND CATCH .....	186
CATCH ALL TYPES OF EXCEPTIONS .....	192
EXCEPTION HANDLING FUNCTION .....	193



EXCEPTION SPECIFICATION.....	195
RETHROW AN EXCEPTION.....	196
C++ STANDARD LIBRARY EXCEPTION CLASSES.....	195
FUNCTION TERMINATE() AND SET_TERMINATE().....	202
FUNCTION UNEXPECTED() AND SET_UNEXPECTED().....	203
DATA STRUCTURE USING C PROGRAMMING.....	204
INTRODUCTION.....	204
CHARACTERISTICS OF A DATA STRUCTURE.....	204
NEED FOR DATA STRUCTURE.....	204
BASIC TERMINOLOGY.....	205
ALGORITHMS – BASICS.....	205
CHARACTERISTICS OF AN ALGORITHM.....	205
HOW TO WRITE AN ALGORITHM?.....	206
ALGORITHM COMPLEXITY.....	207
SPACE COMPLEXITY.....	207
TIME COMPLEXITY.....	207
ASYMPTOTIC ANALYSIS.....	208
ASYMPTOTIC NOTATIONS.....	208
DATA STRUCTURE BASIC CONCEPTS.....	209
DATA DEFINITION.....	209
DATA OBJECT.....	210
DATA TYPE.....	210
BASIC OPERATIONS.....	210
ARRAYS.....	211
ARRAY REPRESENTATION.....	211
BASIC OPERATIONS.....	212
INSERTION OPERATION.....	212
ARRAY INSERTIONS.....	213
DELETION OPERATION.....	219
SEARCH OPERATION.....	220
UPDATE OPERATION.....	221
LINKED LIST.....	223
LINKED LIST REPRESENTATION.....	223
TYPES OF LINKED LIST.....	223
BASIC OPERATIONS.....	223
INSERTION OPERATION.....	224
DELETION OPERATION.....	225
REVERSE OPERATION.....	226
LINKED LIST PROGRAM IN C.....	227
DOUBLY LINKED LIST.....	232

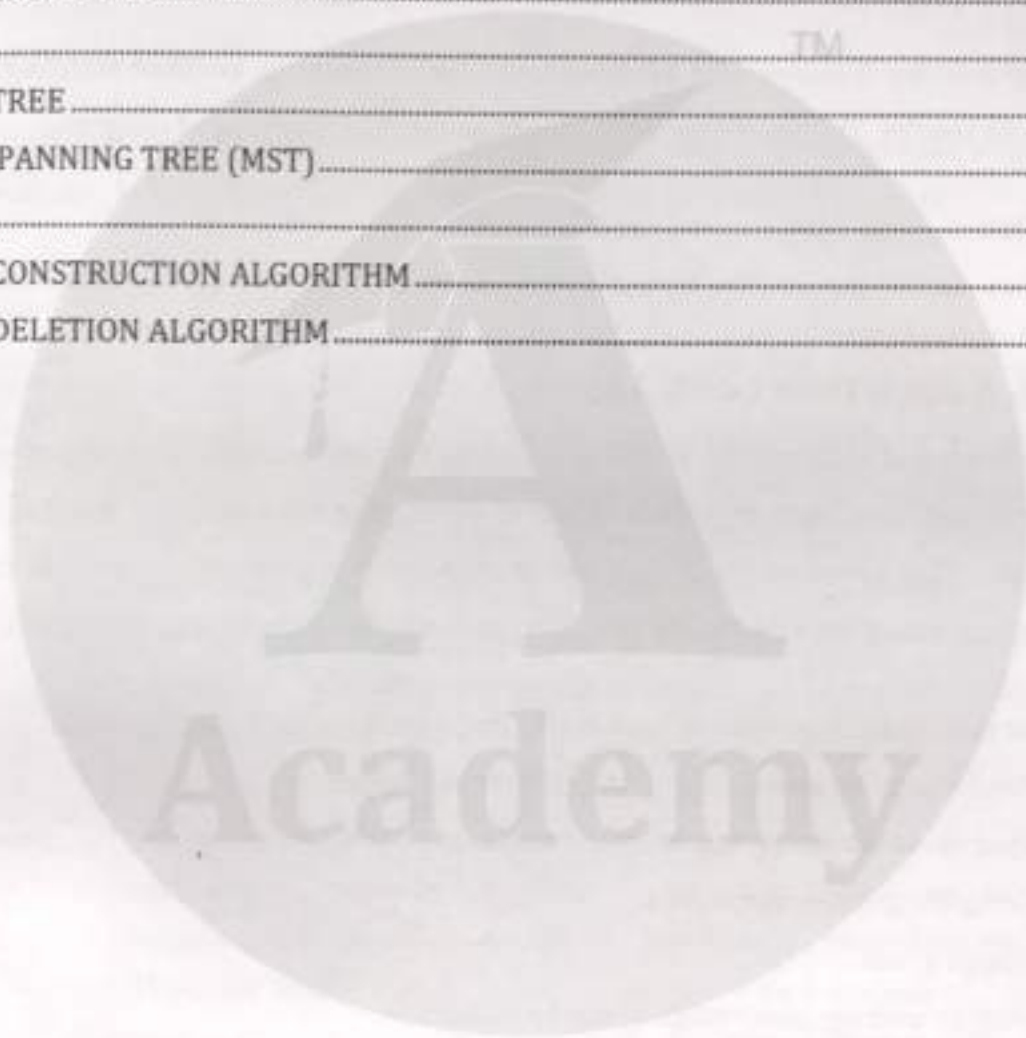


DOUBLY LINKED LIST REPRESENTATION .....	232
BASIC OPERATIONS.....	232
INSERTION OPERATION.....	233
DELETION OPERATION.....	233
DOUBLY LINKED LIST PROGRAM IN C.....	234
CIRCULAR LINKED LIST .....	238
SINGLY LINKED LIST AS CIRCULAR.....	239
DOUBLY LINKED LIST AS CIRCULAR .....	239
BASIC OPERATIONS.....	239
INSERTION OPERATION.....	239
DELETION OPERATION.....	240
DISPLAY LIST OPERATION .....	240
CIRCULAR LINKED LIST PROGRAM IN C.....	240
STACK & QUEUE.....	243
STACK INTRODUCTION .....	243
STACK REPRESENTATION.....	243
BASIC OPERATIONS.....	243
PUSH OPERATION .....	245
POP OPERATION .....	246
STACK PROGRAM IN C.....	248
EXPRESSION PARSING .....	249
PARSING EXPRESSIONS.....	250
ASSOCIATIVITY.....	251
POSTFIX EVALUATION ALGORITHM .....	251
EXPRESSION PARSING USING STACK.....	251
QUEUE INTRODUCTION.....	255
QUEUE REPRESENTATION.....	255
BASIC OPERATIONS.....	255
ENQUEUE OPERATION.....	257
DEQUEUE OPERATION.....	258
QUEUE PROGRAM IN C.....	259
SEARCHING.....	261
LINEAR SEARCH.....	261
BINARY SEARCH.....	263
INTERPOLATION SEARCH .....	268
HASHING.....	272
INTRODUCTION TO HASHING.....	272
LINEAR PROBING .....	273
BASIC OPERATIONS.....	273
DATA ITEM.....	273

HASH METHOD.....	273
SEARCH OPERATION.....	274
INSERT OPERATION.....	274
DELETE OPERATION.....	275
HASH TABLE PROGRAM IN C.....	275
SORTING.....	275
IN-PLACE SORTING AND NOT-IN-PLACE SORTING.....	278
STABLE AND NOT STABLE SORTING.....	278
ADAPTIVE AND NON-ADAPTIVE SORTING ALGORITHM.....	278
BUBBLE SORT.....	279
HOW BUBBLE SORT WORKS?.....	280
IMPLEMENTATION.....	280
INSERTION SORT.....	284
HOW INSERTION SORT WORKS?.....	286
INSERTION SORT PROGRAM IN C.....	286
SELECTION SORT.....	289
HOW SELECTION SORT WORKS?.....	291
SELECTION SORT PROGRAM IN C.....	291
MERGE SORT.....	294
HOW MERGE SORT WORKS?.....	296
MERGE SORT PROGRAM IN C.....	296
SHELL SORT.....	298
HOW SHELL SORT WORKS?.....	299
SHELL SORT PROGRAM IN C.....	299
QUICK SORT.....	302
PARTITION IN QUICK SORT.....	304
QUICK SORT PIVOT ALGORITHM.....	304
QUICK SORT PIVOT PSEUDOCODE.....	305
QUICK SORT PROGRAM IN C.....	305
GRAPHS.....	306
GRAPH DATA STRUCTURE.....	309
BASIC OPERATIONS.....	309
DEPTH FIRST TRAVERSAL.....	310
DEPTH FIRST TRAVERSAL IN C.....	310
BREADTH FIRST TRAVERSAL.....	313
BREADTH FIRST TRAVERSAL IN C.....	316
TREE DATA STRUCTURES.....	318
IMPORTANT TERMS.....	321
BINARY SEARCH TREE REPRESENTATION.....	322
BST BASIC OPERATIONS.....	322
	323



INSERT OPERATION.....	323
SEARCH OPERATION.....	325
TREE TRAVERSAL IN C.....	326
TREE TRAVERSAL.....	329
IN-ORDER TRAVERSAL.....	329
PRE-ORDER TRAVERSAL.....	330
POST-ORDER TRAVERSAL.....	331
TREE TRAVERSAL IN C.....	332
BINARY SEARCH TREE.....	335
AVL TREES.....	337
SPANNING TREE.....	342
MINIMUM SPANNING TREE (MST).....	344
HEAPS.....	351
MAX HEAP CONSTRUCTION ALGORITHM.....	352
MAX HEAP DELETION ALGORITHM.....	352





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**Functional English V**



# Manual 5

<b>Contents</b>	<b>Pg. No.</b>
1) Greeting and Introduction	1 - 3
2) Welcoming visitors	4 - 5
3) Films & Movie	6 - 9
4) Talking about Sport & Leisure	10 - 12
5) Narrating Stories	13 - 23
6) Mad Ads	24 - 27
7) Creative & Content Writing	28 - 36
8) Letter / E-Mail Writing	37 - 44
9) Handling High Pressure situations	45 - 46
10) Responding in impromptu situations	47 - 49
11) Swot Analysis	50 - 56
12) Politics & Nations	57 - 64
13) Economics	65 - 68
14) Business & Success Stories	69 - 80
15) Creativity	81 - 90
16) Technology with Jargons	91 - 104
17) Theatre	105 - 115
18) Self Assessment	116 - 118



# **Functional English I**



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# Manual 1

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<b>Contents</b>	<b>Page</b>
1. Greetings and Introduction	1 - 3
2. Welcoming Visitors	4 - 5
3. Offer, Request, Apology, Gratitude	6 - 10
4. Telephone Etiquette	11 - 12
5. Family Vocabulary	13 - 17
6. Habits and Routines	18 - 20
7. Talking about Past	21 - 25
8. Wishes and Future Plans	26 - 29
9. Describing Food Places and People	30 - 31
10. Describing appearance and physical trait	32 - 32
11. Describing self and people	33 - 36
12. Telling Directions	37 - 42
13. Job and occupation	43 - 47
14. Film and Movies	48 - 51
15. Talking about sports and leisure	52 - 54
16. Business Writing	55 - 65
17. Making Appointments	66 - 68
18. Interaction at Bank and Hospitals	69 - 71
19. Festivals and Celebrations	72 - 74
20. Talking about likes and Dislikes	75 - 77
21. Idioms, Phrases and Quotes	78 - 82
22. Narrating Stories	83 - 92



**Advanced Get Set GO**



# ADVANCED GET SET GO

## MEGHE FINISHING SCHOOL

Participant Manual



## Program Focus

Increase Self Confidence

Get Self-direction

Attain Attitude control

Effective Communication

Maintain Professional image

"Practice means to perform, over and over again in the face of all obstacles, some act of vision, of faith, of desire. Practice is a means of inviting the perfection desired."

Martha Graham





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**Get Set GO**

# GET SET GO...

## HESSIE FINISHING SCHOOL

Participant Manual



Get.....Ready

Set.....Goals

Go.....with confidence





## **Program Focus**

Increase Self Confidence

Improve Interpersonal Skills

Impactful Communication

Inculcate Leadership Skills

Immersing Positive Attitude

*Twenty years from now you will be more disappointed by the things that you didn't do than by the ones you did do. So throw off the bowlines. Sail away from the safe harbour. Catch the trade winds in your sails. Explore. Dream. Discover.*

**-Mark Twain**



# ***DATA INTERPRETATION & LOGICAL REASONING***

**Course Material for Aptitude Development**



# CONTENTS

<u>Sr. No.</u>	<u>CHAPTER NAME</u>	<u>Pg. No.</u>
1.	ORIENTATION TO DATA INTERPRETATION	01
2.	ORIENTATION TO LOGICAL REASONING	14
3.	DI-LINE GRAPH AND PIE CHART	28
4.	LR-DATA ARRANGEMENT & LOGICAL PUZZLES	35
5.	BAR GRAPHS & TABLES	50
6.	LR-DIRECTION, SYLLOGISMS & BLOOD RELATIONS	59
7.	LR-MISCELLANEOUS	82
8.	LR-VENN DIAGRAM, MATHEMATICAL OPERATIONS & CODING DECODING	97
9.	DATA SUFFICIENCY	106
10.	LR-CUBES & NUMBER SERIES	123
11.	SELECTION DECISION TABLE	141
12.	VERBAL ANALOGY	171
13.	DILR PRACTICE TESTS	210



# QUANTITATIVE APTITUDE

Course Material for Aptitude Development



# CONTENTS

1)	Introduction to Vedic Mathematics	01
2)	Introduction to Number System	19
3)	Advanced Number System	39
4)	Averages, Percentages & Interest	72
5)	Ratio, Proportion, Variation and Mixture	90
6)	Profit & Loss, Discount and Partnership	137
7)	Work & Time and Pipes & Cisterns	159
8)	Time, Speed & Distance	181
9)	Geometry-Lines, Angles & Triangles	206
10)	Mensuration 2D & 3D	224
11)	Progressions	275
12)	Permutations & Combinations	300
13)	Probability	316
14)	Calendars	336
15)	Quantitative Test 1 & Analysis	347
16)	Quantitative Test 2 & Analysis	357
17)	Quantitative Test 3 1 & Analysis	371

Registration Form

Name of Student: - \_\_\_\_\_  
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Name of Institute: - \_\_\_\_\_  
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Section and Roll No.: - \_\_\_\_\_

Enrollment No.: - \_\_\_\_\_

Email-Id: - \_\_\_\_\_

Contact No.: - \_\_\_\_\_

Sign of Student: - \_\_\_\_\_

**Objectives of the Workshop**

- To make the student aware of 2D-Design Software, as it is a comprehensive civil engineering software that addresses all aspects of engineering including graphic drawings, AutoCad skills, and 2D drawings.
- To Enhance knowledge of CADD that will help students to pursue their career in the field of analysis and design of civil engineering structures
- To boost entrepreneurship in the field of designing and drafting.

The expected audience is 2nd year students of B.E. Civil Engineering.

**The registration is free.** The student participants will be awarded with certificate of participation.

**Contact for Registration: -**

Mr. D. G. Agrawal

**Convener**

[erdhiraj007@gmail.com](mailto:erdhiraj007@gmail.com), 9822999288

Mr. P. K. Hinge

**Coordinator**

[pawan.hinge@gmail.com](mailto:pawan.hinge@gmail.com), 9975561111

**Value Added Course/ Workshop**

on

**“2D-DESIGN”**

On

**18/08/2018 to 22/09/2018**

**Organized by**



**Department of Civil Engineering  
Yeshwantrao Chavan College of Engineering,  
Hingna Road, Wanadongri, Nagpur**

**Principal Convener**

Mr. Khalid Ansari

Assistant Professor

Department of Civil Engineering,

**Convener**

Mr. D. G. Agrawal

Assistant Professor,

Department of Civil Engineering,

**Coordinators**

Mr. P. K. Hinge  
Assistant Professor,

CE Department,  
YCCE

Dr. S. P. Raut  
Associate Professor,

CE Department,  
YCCE



### Registration Form

Name of Student: - \_\_\_\_\_

\_\_\_\_\_

Name of Institute: - \_\_\_\_\_

\_\_\_\_\_

Name of Branch: - \_\_\_\_\_

\_\_\_\_\_

Section and Roll No.: - \_\_\_\_\_

\_\_\_\_\_

Enrollment No.: - \_\_\_\_\_

\_\_\_\_\_

Email-Id: - \_\_\_\_\_

\_\_\_\_\_

Contact No.: - \_\_\_\_\_

\_\_\_\_\_

Sign of Student: - \_\_\_\_\_

### Objectives of the Workshop

- To make the student aware of BIM as it is a comprehensive civil engineering software that addresses all aspects of engineering including model development, verification, analysis, design, and review of results
- To Enhance knowledge of BIM that will help students to pursue their career in the field of analysis and design of civil engineering structures
- To boost entrepreneurship in the field of BIM.

The expected audience is final year students of B.E. Civil Engineering.

**The registration is free.** The student participants will be awarded with certificate of participation.

### Contact for Registration: -

Mr. D. G. Agrawal

#### Convener

[erdhiraj007@gmail.com](mailto:erdhiraj007@gmail.com), 9822999288

Mr. P. K. Hinge

#### Coordinator

[pawan.hinge@gmail.com](mailto:pawan.hinge@gmail.com), 9975561111

### Value Added Course/ Workshop on

**"BIM"**

On

**02/02/2019 to 09/03/2019**

**Organized by**



**Department of Civil Engineering  
YeshwantraoChavan College of Engineering,  
Hingna Road, Wanadongri, Nagpur**

#### Principal Convener

Mr. Sanket Kalamkar

Assistant Professor

Department of Civil Engineering,

#### Convener

Mr. D. G. Agrawal

Assistant Professor,

Department of Civil Engineering,

#### Coordinators

Mr. S.W.Dhengare

Assistant Professor,

CE Department,

YCCE

Mr. V.D.Jayale

Associate Professor,

CE Department,

YCCE

### Registration Form

Name of Student: - \_\_\_\_\_  
\_\_\_\_\_

Name of Institute: - \_\_\_\_\_  
\_\_\_\_\_

Name of Branch: - \_\_\_\_\_  
\_\_\_\_\_

Section and Roll No.: - \_\_\_\_\_

Enrollment No.: - \_\_\_\_\_

Email-Id: - \_\_\_\_\_

Contact No.: - \_\_\_\_\_

Sign of Student: - \_\_\_\_\_

### Objectives of the Workshop

- To make the student aware of WATER GEMS as it is a comprehensive civil engineering software that addresses all aspects of engineering including model development, verification, analysis, design, and review of results
- To Enhance knowledge of WATER GEMS that will help students to pursue their career in the field of analysis and design of civil engineering structures
- To boost entrepreneurship in the field of WATER GEMS.

The expected audience is 3rd year students of B.E. Civil Engineering.

**The registration is free.** The student participants will be awarded with certificate of participation.

### Contact for Registration: -

Mr. Khalid Ansari

### Convener

[ksansari02@gmail.com](mailto:ksansari02@gmail.com), 9822999288

Mr. V.D.Jayale

### Coordinator

[Vivekjavale26@gmail.com](mailto:Vivekjavale26@gmail.com), 9955262841

**Value Added Course/ Workshop  
on**

**“Water Gems”**

**On**

**04/08/2018 to 08/09/2018**

**Organized by**



**Department of Civil Engineering  
Yeshwantrao Chavan College of Engineering,  
Hingna Road, Wanadongri, Nagpur**

### Principal Convener

Mr. H.M.Warade  
Assistant Professor  
Department of Civil Engineering,

### Convener

Mr. K.S.Ansari  
Assistant Professor,  
Department of Civil Engineering,

### Coordinators

Mr. P. K. Hinge  
Assistant Professor,  
CE Department,  
YCCE

Mr. V.D.Jayale  
Associate Professor,  
CE Department,  
YCCE



## REGISTRATION FEE

Nil

## DATES TO REMEMBER

**Last Date for Registration : 23<sup>th</sup> Sept. 2018**

## ELIGIBILITY

Students from Engineering colleges, Polytechnic and Industry professionals from Mechanical Engineering Domain.

## CERTIFICATION

Certification through Siemens Centre of Excellence YCCE.

## CONTACT PERSONS

- Dr. Jayant Giri  
Department of Mechanical Engg.  
E-mail: jayantpgiri@gmail.com  
Mob.9822929871

**The registration form should be mailed to:**

**Dr. J.P. Giri**  
jayantpgiri@gmail.com  
yccesiemens@gmail.com

## REGISTRATION FORM

SHORT TERM TRAINING PROGRAMME ON  
“Machine Learning for Manufacturing”

**Siemens Centre of Excellence  
YCCE, Nagpur**

September 28th-October 03rd, 2018

1. Full Name:.....
2. Name of College/Institution/Organization:  
.....
3. Qualification:.....
4. Designation:.....
5. Full Address:.....  
.....
6. Pin code:.....
7. Phone No.:.....
8. Mobile No.:.....
9. E-mail:.....

Place:

Date:

Signature of the participant



**ONE WEEK SHORT TERM TRAINING  
PROGRAMME ON**

**“Machine Learning for Manufacturing”**

**September 28<sup>th</sup>-October 03<sup>rd</sup>,  
2018**

**ORGANIZED BY :**

**Siemens Centre of Excellence  
Department of Mechanical Engineering  
Yeshwantrao Chavan College of  
Engineering, Nagpur-441110**

## OBJECTIVE

Customized training program intended to foster a platform for students from All Engineering domain to understand emerging trends of machine learning in manufacturing sector.

## ABOUT INSTITUTE

Yeshwantrao Chavan College of Engineering (YCCE) is established in 1984 by Nagar Yuvak Shikshan Sanstha, Nagpur. It is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. YCCE is renowned for engineering education and research. For over 28 years, it has successfully nurtured young engineering professionals, becoming a sought after destination for students aspiring to higher technical education and placement in the competitive software and core industry.

The college is guided by Academic Advisory Board consisting of eminent academicians from prestigious technical institutes in India and USA. The college is having well qualified and experienced senior faculty members.

YCCE has become the first private engineering college to acquire "Autonomous Status" in Central India. The institute is implementing autonomy in progressive manner from academic session 2010-11. The students admitted to B.E. and M.Tech. Courses from academic session 2010-11 are under autonomy.

## About Mechanical Engineering Department

The Mechanical Engineering Department was established in the year 1984, With an aim to develop highly competent human resources in Mechanical Engineering profession, department is equipped with up-to-date infrastructure. The emphasis is on making aspirant familiar with theoretical and practical aspects of various fields of Mechanical Engineering.

Our promising thrust areas include CAD/CAM, Quality and Productivity Improvement, Industrial Fluidics, Automobile Engineering, Refrigeration and Air Conditioning & Heat Transfer applications.

To develop skills in manufacturing and fabrication, we have a well equipped Central Workshop. Students are trained on specialized facilities like NC/CNC Machines, Robot, Flexible Manufacturing Systems and advanced software like ORACLE, AUTODESK, Pro-E, ANSYS and CATIA.

## About Siemens Centre of Excellence

Department of Mechanical Engineering, YCCE has established Siemens centre of excellence under the proficient guidance and support from Siemens and AICTE .Education fraternity and Industries are drawn from the resources of Centre of Excellence and its industry and academic partners, and bring unique and relevant domain expertise that can provide ongoing linkage to the needs and trends of the Digital Manufacturing. Under the guidance and direction of the Siemens and AICTE, concepts and innovative ideas can be nurtured to exchange industry knowledge and developments and to provide practical and immediate prevalence to the various activities.

The vision of the Siemens Centre of Excellence, YCCE is to provide a responsive and innovative nucleus for growth and expansion of common platform between academia and industries. The training facilities, focusing the efforts of a highly skilled and experienced cadre of thought leaders who have the mission to energize the application of innovation as a competitive edge.

## COURSE OUTLINE

- Basics of machine learning
- Data plotting
- Fundamentals of MATLAB Programming
- Fundamentals of Curve fitting
- Response Surface Methodology using MATLAB
- Artificial Neural Network
- Optimization using ANN
- Mathematical Modeling using ANN
- Modeling and Simulation using Simulink
- Case Studies on Modeling and Simulation

## COURSE INSTRUCTORS

- Dr.J.P.Giri

## Patron

- Hon'ble Shri Dattaji Meghe  
Chairmen, Nagar Yuvak Shikshan sanstha, Nagpur
- Shri Sagarji Meghe  
Secretary, Nagar Yuvak Shikshan sanstha, Nagpur
- Shri Sameerji Meghe  
Treasurer, Nagar Yuvak Shikshan sanstha, Nagpur
- Dr.Avichal Kapur  
Director General, MGI, Nagpur

## ADVISORY BOARD

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Prof. A.J.Bamnate  
Dr. S.D.Kshirsagar  
Prof. M.R.Kotwal  
Prof.S.L.Bankar  
Prof.A.M.Pande

## ORGANIZING COMMITTEE

### Coordinators

Dr. Jayant Giri

### Co-coordinators

Prof. V.M.Korde  
Prof. A.S.Bonde  
Prof. R.B. Chadge

### Organizing Secretary

Dr. U.P. Waghe  
Principal, YCCE

### Convener

Dr.S.S.Chaudhary  
Head, Department of Mechanical Engineering



## Objectives of the Course:

MATLAB is one of the most widely used high level computing languages; it provides users a friendly and interactive environment for algorithm development, data visualisation, data analysis, and numeric computation. With its extensive libraries of mathematical and graphical routines, MATLAB is used in areas such as, control design, test and measurement, power system design.

This course provides a progressively gentle introduction to MATLAB, fundamentals of programming, solving mathematical equations, simulation of converters, PWM techniques and its applications in the field of power electronics, drives, renewable energy systems etc. using MATLAB. The contents of this workshop are so designed that the learner will be able to develop the electrical systems.

This course will offer a unique opportunity for faculty, research scholars, PG students working in the relevant topics to develop expertise through theoretical sessions and laboratory based demonstrations.

## Course Contents:

- Introduction to Basic programming, Modelling and Simulations.
- Applications of various Simulink (Power system) Blocks.
- Simulations of Converters and Inverters
- Simulation of Multilevel Inverters
- Modulation Techniques
- PV Programming and simulation of Grid Connected Systems and controls.
- Realization of Power Quality Problems using Simulink
- Simulations of Active Filters
- Harmonic Analysis using MATLAB
- Reliability Analysis using MATLAB programming
- Artificial Intelligence

## Faculty:

Apart from the faculty of YCCE, eminent guest faculty in this field from NITs, Other prominent Institutes and Industry will deliver the lectures.

## How to Apply:

Interested participants are required to submit the application form along with registration fees by demand draft / cash payment to the course coordinators. The demand draft to be drawn in favour of 'The Principal, YCCE' payable at Nagpur.

**Registration Fees: Rs. 2000/- for faculty participant and Rs. 1200 for PG Students.**

## Eligibility:

The course is best suited for faculty of Electrical and Electronics Engineering. The course is open to faculty members of TEQIP network institutions; AICTE approved engineering colleges, industrial professionals, and research students.

## Important Date:

Last date of receipt of application form:

**JANUARY 30, 2019**

Intimation to applicants by e-mail

**FEBRUARY 1, 2019**

## Allowances, Lodging and Boarding

Working lunch during the course will be made available by the Institute. Accommodation to outstation participants will be provided on request on payment basis. TA/DA will not be admissible to any participant.

## Contacts:

**Dr. S. P. Gawande**, Dept. of Electrical Engg. (M)  
9960328951, e-mail-spgawande\_18@yahoo.com  
**MS.S.L.Tiwari**, Dept. of Electrical Engg. (M)  
9422823380, shweta\_tiwari200410@rediff.com

## VALUE ADDED COURSE ON

## MATLAB APPLICATIONS FOR ELECTRICAL ENGINEERING

**(04 - 09<sup>th</sup> FEBRUARY 2019)**  
**APPLICATION FORM**

Name: \_\_\_\_\_

Age: \_\_\_\_\_

Designation: \_\_\_\_\_

Organization: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

E-mail id: \_\_\_\_\_

Highest Academic Qualification: \_\_\_\_\_

Experience: \_\_\_\_\_

Details of registration fees :

Amount: \_\_\_\_\_ DD No.: \_\_\_\_\_

Dated: \_\_\_\_\_ Bank : \_\_\_\_\_

Accommodation required: Yes / No

Date: \_\_\_\_\_ Signature of the applicant

The applicant will be permitted to attend the programme, if selected.

Date: \_\_\_\_\_ Signature of the sponsoring authority with seal



## Our Location:

The College is located at about 12 Km from Nagpur on the Nagpur-Hingna road at Wanadongri, on a hilltop. Lush green campus has been developed in about 40 acre of land with well-maintained greenery and beautiful gardens.

## Our Institute:

Yeshwantrao Chavan College of Engineering (YCCE) established in 1984, is a premier technical educational institute of Central India. It is affiliated to Rashtrasant Tukdoji Maharaj Nagpur University (RTMNU). YCCE had become the first private engineering college to acquire 'Autonomous Status' in Central India. The institute is guided by Academic Board consisting of eminent academicians from prestigious technical institutes in India and abroad. The college received ISTE Best National Private Engineering College Award for 2014. Recently, YCCE is ranked 93<sup>rd</sup> at all India level amongst IITs, NITs, Govt. & Autonomous Institutions by NIFR, Ministry HRD, Govt. of India.

## About Department of Electrical Engg.:

The department is accredited by National Board of Accreditation (NBA). The department is one of the well established departments imparting quality education to UG (Electrical) and PG (Integrated Power Systems) programmes. The department also offers Ph.D. programme to promote research activities in the various areas of Electrical Engineering. The department has wide research publications in reputed International/National conferences as well as SCI index journals like IEEE Transactions, IET, Elsevier, Journal of Power Electronics, Taylor & Francis etc. The department is having well established laboratories with computing facility having software's like MATLAB, EMTDC/PSCAD, SKM Power Tools, VSIM, PSIM and CASPOC.

## (Self-Financing Basis)

ON

## MATLAB APPLICATIONS FOR ELECTRICAL ENGINEERING (04 - 09<sup>th</sup> FEBRUARY 2019)

### Convener

**Prof B.Y.Bagde**  
Head of Department

**Co-ordinator**  
**Prof. S.R.Gaigwal**

**Co-ordinator**  
**Prof. R.SKhonde**

### Organised by

**Department of Electrical Engineering**



**Yeshwantrao Chavan College of  
Engineering**  
**Hingna Road, Wanadongri,**  
**Nagpur (M.S.) – 441 110**

## Patrons:

Hon'ble Shri. Dattaji Meghe - Ex Member of Parliament (Lok Sabha) Chancellor, DMIMS, Nagpur, Chairman, NYSS, Nagpur.

Shri. Sagarji Meghe - Ex-MLC, Maharashtra State, Secretary, NYSS, Nagpur.

Shri. Sameerji Meghe- MLA, Hingna Constituency, Maharashtra State, Secretary, DMIMS, Nagpur, Treasurer, NYSS, Nagpur.

## Advisors :

Dr. U. P. Waghe, Principal, YCCE, Nagpur

Dr. U. P. Waghe, Principal, YCCE, Nagpur

Dr. P. K. Dakhole, Registrar, YCCE, Nagpur

Dr. A. M. Pande, Director R & D (MGI), Nagpur.

## Technical Committee:

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Dr. M. R. Ramteke, VNIT, Nagpur.

Dr. M. B. Diagavane, GHRIETW, Nagpur.

Dr. S. B. Bodhke, RCOEM, Nagpur.

Dr. S.P. Mule, PCOEA, Nagpur

Prof. P. D. Debre, RG CER, Nagpur.

Prof. Somalwar, DMIETR, Wardha,

Dr. Mrs. Shilpa Kalambe, DBACER, Nagpur.

## Organising Committee:

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Dr. P. M. Meshram

Dr. S. G. Kadwane.

Dr. S. P. Gawande

Prof. A. P. Munshi.

Prof. A. S. Lilhare

Prof. P. B. Joshi

Prof. Rohan Khonde.

Prof. Ashish Tikle.





**Yeshwantrao Chavan College of Engineering, Wanadongri,  
Nagpur-441110**

**VALUE ADDED COURSE**

# **MICROCONTROLLER WORKSHOP**

**05-09 Oct 2018**

THE OPEN-SOURCE ELECTRONICS PROTOTYPING PLATFORM



**Organized by**

**Department of Electrical Engineering**



# Industrial Programming Language





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CAMPUS RECRUITMENT TRAINING PROGRAM

INDUSTRIAL PROGRAMMING LANGUAGE

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## TABLE OF CONTENTS

C PROGRAMMING LANGUAGE.....	
INTRODUCTION TO PROGRAMMING LANGUAGE.....	10
WHAT IS PROGRAMMING?.....	10
DEVELOPING A SOLUTION LOGICALLY.....	10
PROGRAMMING: THE NEXT STEP AFTER DEVELOPING AN ALGORITHM.....	10
INTRODUCTION TO C PROGRAMMING.....	10
ORIGIN OF C.....	12
WHERE IS C USEFUL?.....	12
WHAT KIND OF LANGUAGE IS C?.....	13
DATA TYPES.....	13
THE INT DATA TYPE.....	13
THE FLOAT DATA TYPE.....	14
THE CHAR DATA TYPE.....	14
VARIABLES & CONSTANTS.....	14
DECLARING VARIABLES IN A C PROGRAM.....	15
STORING DATA IN VARIABLES.....	15
DATA AND INPUT FUNCTIONS.....	16
OPERATORS.....	18
ARITHMETIC OPERATORS.....	18
TYPECASTING.....	20
ASSIGNMENT OPERATORS IN C.....	20
RELATIONAL OPERATORS.....	21
LOGICAL OPERATORS.....	22
EXPRESSIONS AND OPERATOR PRECEDENCE.....	24
CONTROL STRUCTURES.....	25
THE IF STATEMENT.....	25
MULTIPLE STATEMENTS WITHIN IF.....	27
THE IF-ELSE STATEMENT.....	28
NESTED IF-ELSE.....	29
USE OF LOGICAL OPERATORS.....	30
THE ELSE IF CLAUSE.....	31
LOOPING & ITERATION.....	31
LOOPS.....	32
THE WHILE LOOP.....	32
THE FOR LOOP.....	35
NESTING OF LOOPS.....	39
MULTIPLE INITIALISATIONS IN THE FOR LOOP.....	40
THE BREAK STATEMENT.....	40
THE CONTINUE STATEMENT.....	42



THE DO-WHILE LOOP .....	43
DECISIONS USING SWITCH .....	44
FUNCTIONS & POINTERS .....	46
INTRODUCTION TO FUNCTIONS .....	47
PASSING VALUES BETWEEN FUNCTIONS .....	49
SCOPE RULE OF FUNCTIONS .....	50
INTRODUCTION TO POINTERS .....	51
POINTER NOTATION .....	51
ARRAYS .....	56
WHAT ARE ARRAYS .....	56
A SIMPLE PROGRAM USING ARRAY .....	57
ARRAY DECLARATION .....	58
ACCESSING ELEMENTS OF AN ARRAY .....	58
READING DATA FROM AN ARRAY .....	59
ARRAY INITIALISATION .....	59
POINTERS AND ARRAYS .....	61
PASSING AN ENTIRE ARRAY TO A FUNCTION .....	62
TWO DIMENSIONAL ARRAYS .....	63
POINTER TO AN ARRAY .....	67
ARRAY OF POINTERS .....	70
THREE-DIMENSIONAL ARRAY .....	71
WORKING WITH STRINGS .....	71
WHAT ARE STRINGS .....	72
MORE ABOUT STRINGS .....	72
POINTERS AND STRINGS .....	75
STANDARD LIBRARY STRING FUNCTIONS .....	76
STRUCTURES .....	81
WHY USE STRUCTURES .....	82
DECLARING A STRUCTURE .....	83
ACCESSING STRUCTURE ELEMENTS .....	85
HOW STRUCTURE ELEMENTS ARE STORED .....	85
ARRAY OF STRUCTURES .....	86
ADDITIONAL FEATURES OF STRUCTURES .....	87
USES OF STRUCTURES .....	92
FILE HANDLING .....	93
DATA ORGANIZATION .....	93
FILE OPERATIONS .....	94
A FILE-COPY PROGRAM .....	98
WRITING TO A FILE .....	99
FILE OPENING MODES .....	99



STRING (LINE) I/O IN FILES .....	100
THE AWKWARD NEWLINE .....	102
RECORD I/O IN FILES .....	102
DATABASE MANAGEMENT .....	104
PROGRAMMING IN C++ .....	109
INTRODUCTION TO C++ .....	109
OBJECT ORIENTED PROGRAMMING .....	109
INTRODUCTION TO CLASSES AND OBJECTS .....	109
CLASSES V/S PROCEDURAL PROGRAM .....	110
STRUCTURE OF C++ PROGRAM .....	110
COMPONENTS OF C++ PROGRAM .....	111
HEADER FILES .....	111
INT MAIN( ) OR VOID MAIN( ) .....	112
DATA TYPES .....	112
VARIABLES .....	113
SCOPE OF VARIABLES .....	113
OPERATORS .....	114
CONDITIONAL STATEMENTS .....	115
IF STATEMENT .....	115
IF...ELSE STATEMENT .....	115
ITERATION STRUCTURES .....	116
WHILE LOOP STRUCTURE .....	116
DO...WHILE LOOP STRUCTURE .....	117
FOR LOOP STRUCTURE .....	117
SWITCH CASE STRUCTURE .....	118
FUNCTIONS .....	118
INTRODUCTION TO FUNCTIONS .....	118
USER DEFINED FUNCTIONS .....	119
FUNCTION PROTOTYPE AND RETURN STATEMENT .....	120
RETURN STATEMENT .....	122
FUNCTIONS WITH EMPTY PARAMETER LIST .....	125
FUNCTION OVERLOADING .....	125
THE INLINE FUNCTIONS .....	126
CLASSES & OBJECTS .....	127
DECLARATION OF CLASS AND CLASS OBJECTS .....	128
ACCESS SPECIFIERS - PRIVATE, PROTECTED AND PUBLIC .....	130
DEFINING A MEMBER FUNCTION OUTSIDE THE CLASS .....	131
INITIALIZING PRIVATE DATA MEMBERS .....	132
ACCESSING PRIVATE DATA MEMBERS .....	134
CLASS WITH AN ARRAY AS DATA MEMBER .....	135



CLASS WITH AN ARRAY OF STRINGS AS DATA MEMBER .....	136
CLASS CONSTRUCTOR AND DESTRUCTOR FUNCTIONS .....	137
TYPES OF CONSTRUCTORS .....	139
ACCESSING PRIVATE FUNCTION MEMBERS OF A CLASS .....	142
POINTER TO A CLASS .....	143
POINTERS TO OBJECTS OF A CLASS .....	146
POINTERS TO FUNCTION MEMBERS OF A CLASS .....	147
POINTER TO DATA MEMBER OF A CLASS .....	148
STATIC DATA MEMBERS OF A CLASS .....	149
STATIC FUNCTION MEMBER OF A CLASS .....	151
OPERATOR OVERLOADING .....	152
INTRODUCTION TO OPERATOR OVERLOADING .....	152
OPERATORS THAT MAY BE OVERLOADED .....	153
RESTRICTIONS ON OVERLOADED OPERATORS .....	153
OPERATOR OVERLOADING FUNCTIONS .....	153
OVERLOADING FUNCTIONS AND ARGUMENTS .....	154
OPERATOR + DEFINED TO CARRY OUT MINUS OPERATION .....	155
ADDITION OF COMPLEX NUMBERS .....	157
OVERLOADING OF += AND -= OPERATORS .....	157
OVERLOADING OF INSERTION (<<), EXTRACTION (>>) AND /= OPERATORS .....	158
OVERLOADING OF INCREMENT AND DECREMENT OPERATORS (++ AND --) .....	160
OVERLOADING OF EQUALITY OPERATOR (==) .....	162
OVERLOADING OF INDEX OPERATOR [ ] .....	163
INHERITANCE .....	164
INTRODUCTION TO INHERITANCE .....	164
FORMS OF INHERITANCES .....	164
SINGLE PUBLIC INHERITANCE .....	166
SINGLE PROTECTED INHERITANCE .....	170
SINGLE PRIVATE INHERITANCE .....	171
MULTIPLE INHERITANCE .....	171
MULTILEVEL INHERITANCE .....	173
CONSTRUCTORS AND DESTRUCTORS IN INHERITANCE .....	175
POLYMORPHISM .....	178
VIRTUAL FUNCTIONS .....	178
ARRAYS OF BASE CLASS POINTERS .....	184
EXCEPTION HANDLING .....	185
INTRODUCTION .....	185
THE TRY, THROW AND CATCH .....	186
CATCH ALL TYPES OF EXCEPTIONS .....	192
EXCEPTION HANDLING FUNCTION .....	193



EXCEPTION SPECIFICATION.....	195
RETHROW AN EXCEPTION.....	196
C++ STANDARD LIBRARY EXCEPTION CLASSES.....	195
FUNCTION TERMINATE() AND SET_TERMINATE().....	202
FUNCTION UNEXPECTED() AND SET_UNEXPECTED().....	203
DATA STRUCTURE USING C PROGRAMMING.....	204
INTRODUCTION.....	204
CHARACTERISTICS OF A DATA STRUCTURE.....	204
NEED FOR DATA STRUCTURE.....	204
BASIC TERMINOLOGY.....	205
ALGORITHMS – BASICS.....	205
CHARACTERISTICS OF AN ALGORITHM.....	205
HOW TO WRITE AN ALGORITHM?.....	206
ALGORITHM COMPLEXITY.....	207
SPACE COMPLEXITY.....	207
TIME COMPLEXITY.....	207
ASYMPTOTIC ANALYSIS.....	208
ASYMPTOTIC NOTATIONS.....	208
DATA STRUCTURE BASIC CONCEPTS.....	209
DATA DEFINITION.....	209
DATA OBJECT.....	210
DATA TYPE.....	210
BASIC OPERATIONS.....	210
ARRAYS.....	211
ARRAY REPRESENTATION.....	211
BASIC OPERATIONS.....	212
INSERTION OPERATION.....	212
ARRAY INSERTIONS.....	213
DELETION OPERATION.....	219
SEARCH OPERATION.....	220
UPDATE OPERATION.....	221
LINKED LIST.....	223
LINKED LIST REPRESENTATION.....	223
TYPES OF LINKED LIST.....	223
BASIC OPERATIONS.....	223
INSERTION OPERATION.....	224
DELETION OPERATION.....	225
REVERSE OPERATION.....	226
LINKED LIST PROGRAM IN C.....	227
DOUBLY LINKED LIST.....	232

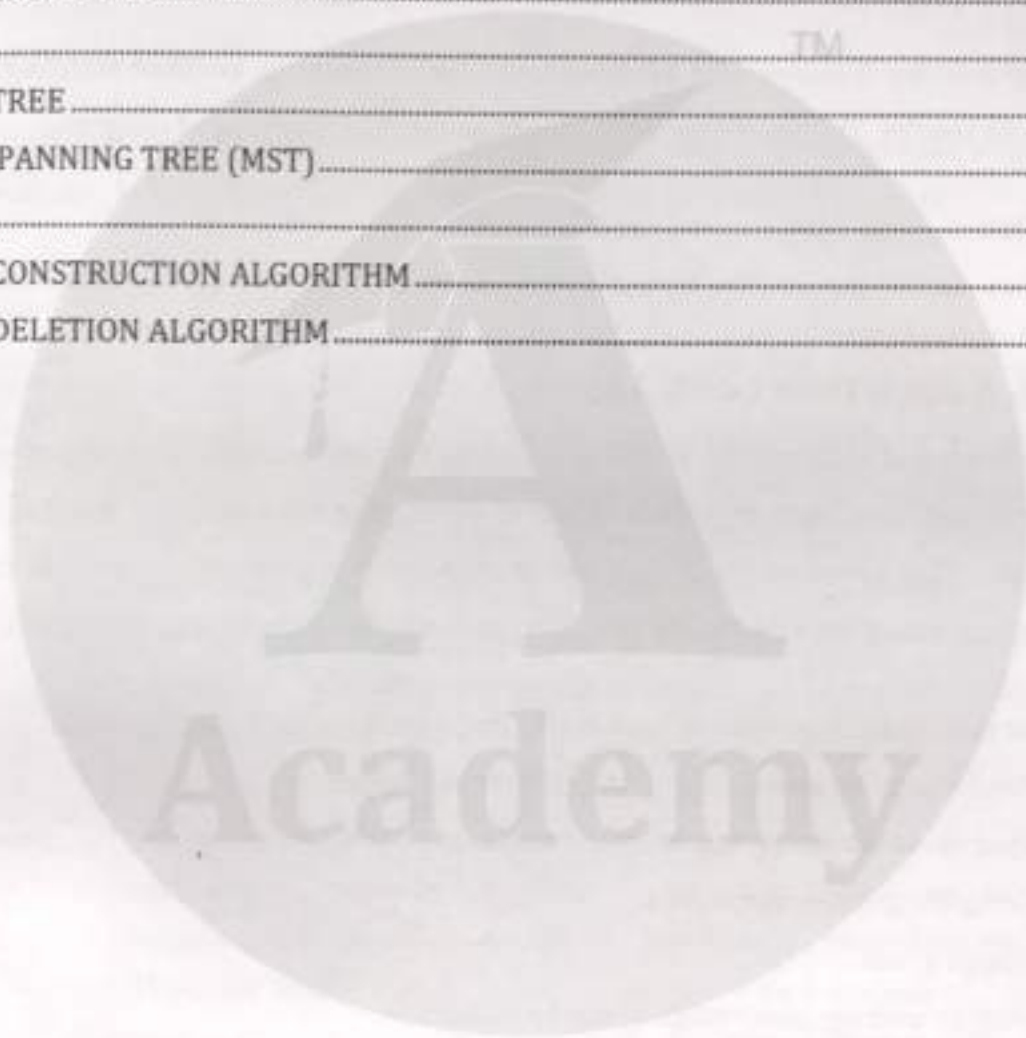


DOUBLY LINKED LIST REPRESENTATION .....	232
BASIC OPERATIONS.....	232
INSERTION OPERATION.....	233
DELETION OPERATION.....	233
DOUBLY LINKED LIST PROGRAM IN C.....	234
CIRCULAR LINKED LIST .....	238
SINGLY LINKED LIST AS CIRCULAR.....	239
DOUBLY LINKED LIST AS CIRCULAR .....	239
BASIC OPERATIONS.....	239
INSERTION OPERATION.....	239
DELETION OPERATION.....	240
DISPLAY LIST OPERATION .....	240
CIRCULAR LINKED LIST PROGRAM IN C.....	240
STACK & QUEUE.....	243
STACK INTRODUCTION .....	243
STACK REPRESENTATION.....	243
BASIC OPERATIONS.....	243
PUSH OPERATION .....	245
POP OPERATION .....	246
STACK PROGRAM IN C.....	248
EXPRESSION PARSING .....	249
PARSING EXPRESSIONS.....	250
ASSOCIATIVITY.....	251
POSTFIX EVALUATION ALGORITHM .....	251
EXPRESSION PARSING USING STACK.....	251
QUEUE INTRODUCTION.....	255
QUEUE REPRESENTATION.....	255
BASIC OPERATIONS.....	255
ENQUEUE OPERATION.....	257
DEQUEUE OPERATION.....	258
QUEUE PROGRAM IN C.....	259
SEARCHING.....	261
LINEAR SEARCH.....	261
BINARY SEARCH.....	263
INTERPOLATION SEARCH .....	268
HASHING.....	272
INTRODUCTION TO HASHING.....	272
LINEAR PROBING .....	273
BASIC OPERATIONS.....	273
DATA ITEM.....	273

HASH METHOD.....	273
SEARCH OPERATION.....	274
INSERT OPERATION.....	274
DELETE OPERATION.....	275
HASH TABLE PROGRAM IN C.....	275
SORTING.....	275
IN-PLACE SORTING AND NOT-IN-PLACE SORTING.....	278
STABLE AND NOT STABLE SORTING.....	278
ADAPTIVE AND NON-ADAPTIVE SORTING ALGORITHM.....	278
BUBBLE SORT.....	279
HOW BUBBLE SORT WORKS?.....	280
IMPLEMENTATION.....	280
INSERTION SORT.....	284
HOW INSERTION SORT WORKS?.....	286
INSERTION SORT PROGRAM IN C.....	286
SELECTION SORT.....	289
HOW SELECTION SORT WORKS?.....	291
SELECTION SORT PROGRAM IN C.....	291
MERGE SORT.....	294
HOW MERGE SORT WORKS?.....	296
MERGE SORT PROGRAM IN C.....	296
SHELL SORT.....	298
HOW SHELL SORT WORKS?.....	299
SHELL SORT PROGRAM IN C.....	299
QUICK SORT.....	302
PARTITION IN QUICK SORT.....	304
QUICK SORT PIVOT ALGORITHM.....	304
QUICK SORT PIVOT PSEUDOCODE.....	305
QUICK SORT PROGRAM IN C.....	305
GRAPHS.....	306
GRAPH DATA STRUCTURE.....	309
BASIC OPERATIONS.....	309
DEPTH FIRST TRAVERSAL.....	310
DEPTH FIRST TRAVERSAL IN C.....	310
BREADTH FIRST TRAVERSAL.....	313
BREADTH FIRST TRAVERSAL IN C.....	316
TREE DATA STRUCTURES.....	318
IMPORTANT TERMS.....	321
BINARY SEARCH TREE REPRESENTATION.....	322
BST BASIC OPERATIONS.....	322
	323



INSERT OPERATION.....	323
SEARCH OPERATION.....	325
TREE TRAVERSAL IN C.....	326
TREE TRAVERSAL.....	329
IN-ORDER TRAVERSAL.....	329
PRE-ORDER TRAVERSAL.....	330
POST-ORDER TRAVERSAL.....	331
TREE TRAVERSAL IN C.....	332
BINARY SEARCH TREE.....	335
AVL TREES.....	337
SPANNING TREE.....	342
MINIMUM SPANNING TREE (MST).....	344
HEAPS.....	351
MAX HEAP CONSTRUCTION ALGORITHM.....	352
MAX HEAP DELETION ALGORITHM.....	352





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**Functional English V**



# Manual 5

<b>Contents</b>	<b>Pg. No.</b>
1) Greeting and Introduction	1 - 3
2) Welcoming visitors	4 - 5
3) Films & Movie	6 - 9
4) Talking about Sport & Leisure	10 - 12
5) Narrating Stories	13 - 23
6) Mad Ads	24 - 27
7) Creative & Content Writing	28 - 36
8) Letter / E-Mail Writing	37 - 44
9) Handling High Pressure situations	45 - 46
10) Responding in impromptu situations	47 - 49
11) Swot Analysis	50 - 56
12) Politics & Nations	57 - 64
13) Economics	65 - 68
14) Business & Success Stories	69 - 80
15) Creativity	81 - 90
16) Technology with Jargons	91 - 104
17) Theatre	105 - 115
18) Self Assessment	116 - 118



**ADCC**  
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**Functional English I**



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# Manual 1

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<b>Contents</b>	<b>Page</b>
1. Greetings and Introduction	1 - 3
2. Welcoming Visitors	4 - 5
3. Offer, Request, Apology, Gratitude	6 - 10
4. Telephone Etiquette	11 - 12
5. Family Vocabulary	13 - 17
6. Habits and Routines	18 - 20
7. Talking about Past	21 - 25
8. Wishes and Future Plans	26 - 29
9. Describing Food Places and People	30 - 31
10. Describing appearance and physical trait	32 - 32
11. Describing self and people	33 - 36
12. Telling Directions	37 - 42
13. Job and occupation	43 - 47
14. Film and Movies	48 - 51
15. Talking about sports and leisure	52 - 54
16. Business Writing	55 - 65
17. Making Appointments	66 - 68
18. Interaction at Bank and Hospitals	69 - 71
19. Festivals and Celebrations	72 - 74
20. Talking about likes and Dislikes	75 - 77
21. Idioms, Phrases and Quotes	78 - 82
22. Narrating Stories	83 - 92



**Advanced Get Set GO**



# ADVANCED GET SET GO

## MEGHE FINISHING SCHOOL

Participant Manual



## Program Focus

Increase Self Confidence

Get Self-direction

Attain Attitude control

Effective Communication

Maintain Professional image

"Practice means to perform, over and over again in the face of all obstacles, some act of vision, of faith, of desire. Practice is a means of inviting the perfection desired."

Martha Graham





**Academy**

**ADCC**  
**Academy**



**Get Set GO**

# GET SET GO...

## HESSIE FINISHING SCHOOL

Participant Manual



Get.....Ready

Set.....Goals

Go.....with confidence





## **Program Focus**

Increase Self Confidence

Improve Interpersonal Skills

Impactful Communication

Inculcate Leadership Skills

Immersing Positive Attitude

*Twenty years from now you will be more disappointed by the things that you didn't do than by the ones you did do. So throw off the bowlines. Sail away from the safe harbour. Catch the trade winds in your sails. Explore. Dream. Discover.*

**-Mark Twain**



# ***DATA INTERPRETATION & LOGICAL REASONING***

**Course Material for Aptitude Development**



# CONTENTS

<u>Sr. No.</u>	<u>CHAPTER NAME</u>	<u>Pg. No.</u>
1.	ORIENTATION TO DATA INTERPRETATION	01
2.	ORIENTATION TO LOGICAL REASONING	14
3.	DI-LINE GRAPH AND PIE CHART	28
4.	LR-DATA ARRANGEMENT & LOGICAL PUZZLES	35
5.	BAR GRAPHS & TABLES	50
6.	LR-DIRECTION, SYLLOGISMS & BLOOD RELATIONS	59
7.	LR-MISCELLANEOUS	82
8.	LR-VENN DIAGRAM, MATHEMATICAL OPERATIONS & CODING DECODING	97
9.	DATA SUFFICIENCY	106
10.	LR-CUBES & NUMBER SERIES	123
11.	SELECTION DECISION TABLE	141
12.	VERBAL ANALOGY	171
13.	DILR PRACTICE TESTS	210



# QUANTITATIVE APTITUDE

Course Material for Aptitude Development



# CONTENTS

1)	Introduction to Vedic Mathematics	01
2)	Introduction to Number System	19
3)	Advanced Number System	39
4)	Averages, Percentages & Interest	72
5)	Ratio, Proportion, Variation and Mixture	90
6)	Profit & Loss, Discount and Partnership	137
7)	Work & Time and Pipes & Cisterns	159
8)	Time, Speed & Distance	181
9)	Geometry-Lines, Angles & Triangles	206
10)	Mensuration 2D & 3D	224
11)	Progressions	275
12)	Permutations & Combinations	300
13)	Probability	316
14)	Calendars	336
15)	Quantitative Test 1 & Analysis	347
16)	Quantitative Test 2 & Analysis	357
17)	Quantitative Test 3 1 & Analysis	371

### Registration Form

Name of Student: - \_\_\_\_\_

\_\_\_\_\_

Name of Institute: - \_\_\_\_\_

\_\_\_\_\_

Name of Branch: - \_\_\_\_\_

\_\_\_\_\_

Section and Roll No.: - \_\_\_\_\_

Enrollment No.: - \_\_\_\_\_

Email-Id: - \_\_\_\_\_

Contact No.: - \_\_\_\_\_

Sign of Student: - \_\_\_\_\_

### Objectives of the Workshop

- To aware of 3D Drawing as it is a comprehensive structural engineering software that addresses all aspects of structural engineering including model development, verification, analysis, design and review of results
- To Enhance knowledge of 3D Drawing will help students to pursue their career in the field of analysis and design of civil engineering structures
- To boost the enterprenuership in the field of structural designer

The expected audience are third and final year students of B.E./B.Tech Civil Engineering.

**The participation fess is Rs. 500/-**  
**Maximum 250 students can participate on first cum first serve basis.** The student participants will be awarded certificate of participation.

### Contact for Registration: -

Mr. S. G. Kalamkar

#### Convener

[san22kalmkar@gmail.com](mailto:san22kalmkar@gmail.com), 9970635735

Mr. S.W.Dhengare

#### Coordinator

[sdhengare@gmail.com](mailto:sdhengare@gmail.com) , 9503356130

### Value Added Course/ Workshop on

## “AutoCad”

On  
02/09/2017 to 07/10/2017

by  
Mr. Ashwin Kumar

Organized by



**Department of Civil Engineering**  
**Yeshwantrao Chavan College of Engineering,**  
**Hingna Road, Wanadongri, Nagpur**

#### Principal Convener

Mr. K. S. Ansari  
Assistant Professor  
Department of Civil Engineering,

#### Convener

Mr. S. G. Kalamkar  
Assistant Professor,  
Department of Civil Engineering,

#### Coordinators

Mr. S. W. Dhengare  
Assistant Professor,  
CE Department,  
YCCE

Mr. V.D. Jayale  
Assistant Professor,  
CE Department,  
YCCE



## Registration Form

Name of Student: - \_\_\_\_\_

\_\_\_\_\_

Name of Institute: - \_\_\_\_\_

\_\_\_\_\_

Name of Branch: - \_\_\_\_\_

\_\_\_\_\_

Section and Roll No.: - \_\_\_\_\_

\_\_\_\_\_

Enrollment No.: - \_\_\_\_\_

\_\_\_\_\_

Email-Id: - \_\_\_\_\_

\_\_\_\_\_

Contact No.: - \_\_\_\_\_

\_\_\_\_\_

Sign of Student: - \_\_\_\_\_

## Objectives of the Workshop

- ETABS are integrated software packages for the structural analysis and design of buildings.
- It integrates every aspect of the engineering design process. Creation of models by intuitive drawing commands allows for the rapid generation of floor and elevation framing to the users. CAD drawings can be converted directly into ETABS models or used as templates onto which ETABS objects may be overlaid. The objective of the proposed course is to provide comprehensive and in-depth knowledge of the use of the software for design of buildings. To boost the entrepreneurship in the field of structural design. The expected audience are third year students of B.E./B.Tech Civil Engineering.

**The participation fess is Rs. 500/-**  
**Maximum 250 students can participate on first cum first serve basis.** The student participants will be awarded certificate of participation.

### Contact for Registration: -

Mr. S. G. Kalamkar

**Convener**

[san22kalmkar@gmail.com](mailto:san22kalmkar@gmail.com), 9970635735

Mr. S.W.Dhengare

**Coordinator**

[sdhengare@gmail.com](mailto:sdhengare@gmail.com) , 9503356130

## Value Added Course/ Workshop on

**“ETABS”**

**On**

**01/07/2017 to 05/08/2017**

**by**

**Mr. Sagar Deogirkar**

**Organized by**



**Department of Civil Engineering**  
**Yeshwantrao Chavan College of Engineering,**  
**Hingna Road, Wanadongri, Nagpur**

### Principal Convener

Mr. K. S. Ansari

Assistant Professor

Department of Civil Engineering,

### Convener

Mr. S. G. Kalamkar

Assistant Professor,

Department of Civil Engineering,

### Coordinators

Mr. S. W. Dhengare

Assistant Professor,

CE Department,

YCCE

Mr. V.D. Jayale

Assistant Professor,

CE Department,

YCCE

### Registration Form

Name of Student: - \_\_\_\_\_

\_\_\_\_\_

Name of Institute: - \_\_\_\_\_

\_\_\_\_\_

Name of Branch: - \_\_\_\_\_

\_\_\_\_\_

Section and Roll No.: - \_\_\_\_\_

\_\_\_\_\_

Enrollment No.: - \_\_\_\_\_

\_\_\_\_\_

Email-Id: - \_\_\_\_\_

\_\_\_\_\_

Contact No.: - \_\_\_\_\_

\_\_\_\_\_

Sign of Student: - \_\_\_\_\_

### Objectives of the Workshop

- Students will be introduced to the concepts of Building Information Modeling and the tools for parametric design and documentation verification.
- To Become familiar with the concepts and benefits of Building Information Modeling.
- Use the automated tools for project Documentation.
- Develop an initial level of comfort and confidence with Autodesk Revit Architecture through hands-on experience
- To boost the entrepreneurship in the field of structural designer

The expected audience are final year students of B.E./B.Tech Civil Engineering. **The participation fees is Rs. 500/- Maximum 250 students can participate on first cum first serve basis.** The student participants will be awarded certificate of participation.

#### Contact for Registration: -

Mr. S. G. Kalamkar

#### Covener

[sgk23kalamkar@gmail.com](mailto:sgk23kalamkar@gmail.com), 9970635735

Mr. S. W. Dhengare

#### Coordinator

[sdhengare@gmail.com](mailto:sdhengare@gmail.com), 9503356130

Value Added Course/ Workshop  
on

**“High Rise Building using Revit”**

On  
06/01/2018 to 17/02/2018

by  
Mr. Krishna Gupta

Organized by



Department of Civil Engineering  
Yeshwantrao Chavan College of Engineering,  
Hingna Road, Wanadongri, Nagpur

#### Principal Covener

Mr. K. S. Ansari  
Assistant Professor  
Department of Civil Engineering,

#### Covener

Mr. S. G. Kalamkar  
Assistant Professor,  
Department of Civil Engineering,

#### Coordinators

Mr. S. W. Dhengare  
Assistant Professor,  
CE Department,  
YCCE

Mr. V. D. Jayale  
Assistant Professor,  
CE Department,  
YCCE



**REGISTRATION FEE**

Nil

**DATES TO REMEMBER**

Last Date for Registration : 15<sup>th</sup> Sept. 2017

**ELIGIBILITY**

Students from Engineering colleges, Polytechnic and Industry professionals from Mechanical Engineering Domain.

**CERTIFICATION**

Certification through Siemens Centre of Excellence YCCE.

**CONTACT PERSONS**

- Dr.Jayant Giri  
Department of Mechanical Engg.  
E-mail: jayantpgiri@gmail.com  
Mob.9822929871

The registration form should be mailed to:

Dr. J.P. Giri  
jayantpgiri@gmail.com  
yccesiemens@gmail.com

**REGISTRATION FORM**

SHORT TERM TRAINING PROGRAMME ON  
“Machine Learning for Manufacturing”

Siemens Centre of Excellence  
YCCE, Nagpur

September 19th-September 24th, 2017

1. Full Name:.....
2. Name of College/Institution/Organization: .....
3. Qualification:.....
4. Designation:.....
5. Full Address:.....
6. Pin code:.....
7. Phone No.:.....
8. Mobile No.:.....
9. E-mail:.....

Place:

Date:

Signature of the participant



ONE WEEK SHORT TERM TRAINING  
PROGRAMME ON

“Machine Learning for Manufactur-  
ing”

September 19<sup>th</sup>-September 24<sup>th</sup>,  
2017

ORGANIZED BY :

Siemens Centre of Excellence  
Department of Mechanical Engineering  
Yeshwantrao Chavan College of  
Engineering, Nagpur-441110

## OBJECTIVE

Customized training program intended to foster a platform for students from All Engineering domain to understand emerging trends of machine learning in manufacturing sector.

## ABOUT INSTITUTE

Yeshwantrao Chavan College of Engineering (YCCE) is established in 1984 by Nagar Yuvak Shikshan Sanstha, Nagpur. It is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. YCCE is renowned for engineering education and research. For over 28 years, it has successfully nurtured young engineering professionals, becoming a sought after destination for students aspiring to higher technical education and placement in the competitive software and core industry.

The college is guided by Academic Advisory Board consisting of eminent academicians from prestigious technical institutes in India and USA. The college is having well qualified and experienced senior faculty members.

YCCE has become the first private engineering college to acquire "Autonomous Status" in Central India. The institute is implementing autonomy in progressive manner from academic session 2010-11. The students admitted to B.E. and M.Tech. Courses from academic session 2010-11 are under autonomy.

## About Mechanical Engineering Department

The Mechanical Engineering Department was established in the year 1984, With an aim to develop highly competent human resources in Mechanical Engineering profession, department is equipped with up-to-date infrastructure. The emphasis is on making aspirant familiar with theoretical and practical aspects of various fields of Mechanical Engineering.

Our promising thrust areas include CAD/CAM, Quality and Productivity Improvement, Industrial Fluidics, Automobile Engineering, Refrigeration and Air Conditioning & Heat Transfer applications.

To develop skills in manufacturing and fabrication, we have a well equipped Central Workshop. Students are trained on specialized facilities like NC/CNC Machines, Robot, Flexible Manufacturing Systems and advanced software like ORACLE, AUTODESK, Pro-E, ANSYS and CATIA.

## About Siemens Centre of Excellence

Department of Mechanical Engineering, YCCE has established Siemens centre of excellence under the proficient guidance and support from Siemens and AICTE .Education fraternity and Industries are drawn from the resources of Centre of Excellence and its industry and academic partners, and bring unique and relevant domain expertise that can provide ongoing linkage to the needs and trends of the Digital Manufacturing. Under the guidance and direction of the Siemens and AICTE, concepts and innovative ideas can be nurtured to exchange industry knowledge and developments and to provide practical and immediate prevalence to the various activities.

The vision of the Siemens Centre of Excellence, YCCE is to provide a responsive and innovative nucleus for growth and expansion of common platform between academia and industries. The training facilities, focusing the efforts of a highly skilled and experienced cadre of thought leaders who have the mission to energize the application of innovation as a competitive edge.

## COURSE OUTLINE

- Basics of machine learning
- Data plotting
- Fundamentals of MATLAB Programming
- Fundamentals of Curve fitting
- Response Surface Methodology using MATLAB
- Artificial Neural Network
- Optimization using ANN
- Mathematical Modeling using ANN
- Modeling and Simulation using Simulink
- Case Studies on Modeling and Simulation

## COURSE INSTRUCTORS

- Dr.J.P.Giri

## Patron

- Hon'ble Shri Dattaji Meghe  
Chairmen, Nagar Yuvak Shikshan sanstha, Nagpur
- Shri Sagarji Meghe  
Secretary, Nagar Yuvak Shikshan sanstha, Nagpur
- Shri Sameerji Meghe  
Treasurer, Nagar Yuvak Shikshan sanstha, Nagpur

## ADVISORY BOARD

Dr.R.L.Shrivastava  
Dr. V.H.Tatwawadi  
Dr. S.P.Untawale  
Prof.B.D.Deshmukh  
Prof. A.J.Bamnote  
Prof.S.L.Bankar  
Prof.A.M.Pande

## ORGANIZING COMMITTEE

### Coordinators

Dr. Jayant Giri

### Co-coordinators

Prof. V.M.Korde  
Prof. A.S.Bonde  
Prof. R.B. Chadge

### Organizing Secretary

Dr. U.P. Waghe  
Principal, YCCE

### Convener

Dr.S.S.Chaudhary  
Head, Department of Mechanical Engineering



**REGISTRATION FEE**

Nil

**DATES TO REMEMBER**

Last Date for Registration : 25<sup>th</sup> July, 2017

**ELIGIBILITY**

Students from Engineering colleges, Polytechnic and Industry professionals from Mechanical Engineering Domain.

**CERTIFICATION**

Certification through Siemens Centre of Excellence YCCE.

**CONTACT PERSONS**

- Dr. Jayant Giri  
Department of Mechanical Engg.  
E-mail: jayantpgiri@gmail.com  
Mob.9822929871

The registration form should be mailed to:  
Dr. J.P. Giri  
jayantpgiri@gmail.com  
yccesiemens@gmail.com

**REGISTRATION FORM**

Workshop on

“Scilab and Python”

in coordination

with IIT Bombay

Siemens Centre of Excellence  
YCCE, Nagpur

July 29<sup>th</sup>-August 05<sup>th</sup>, 2017

1. Full Name:.....
2. Name of College/Institution/Organization:  
.....
3. Qualification:.....
4. Designation:.....
5. Full Address:.....  
.....
6. Pin code:.....
7. Phone No.:.....
8. Mobile No.:.....
9. E-mail:.....

Place:

Date:

Signature of the participant



Workshop on

“Scilab and Python”

in coordination

with IIT Bombay

**July 29<sup>th</sup>-August 05<sup>th</sup>, 2017**

**ORGANIZED BY :**

**Siemens Centre of Excellence  
Department of Mechanical Engineering  
Yeshwantrao Chavan College of  
Engineering, Nagpur-441110**

**In coordination  
with IIT Bombay**

## OBJECTIVE

Customized training program intended to foster a platform for students from All Engineering domain to understand emerging trends of machine learning in manufacturing sector.

## ABOUT INSTITUTE

Yeshwantrao Chavan College of Engineering (YCCE) is established in 1984 by Nagar Yuvak Shikshan Sanstha, Nagpur. It is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. YCCE is renowned for engineering education and research. For over 28 years, it has successfully nurtured young engineering professionals, becoming a sought after destination for students aspiring to higher technical education and placement in the competitive software and core industry.

The college is guided by Academic Advisory Board consisting of eminent academicians from prestigious technical institutes in India and USA. The college is having well qualified and experienced senior faculty members.

YCCE has become the first private engineering college to acquire "Autonomous Status" in Central India. The institute is implementing autonomy in progressive manner from academic session 2010-11. The students admitted to B.E. and M.Tech. Courses from academic session 2010-11 are under autonomy.

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The Mechanical Engineering Department was established in the year 1984, With an aim to develop highly competent human resources in Mechanical Engineering profession, department is equipped with up-to-date infrastructure. The emphasis is on making aspirant familiar with theoretical and practical aspects of various fields of Mechanical Engineering.

Our promising thrust areas include CAD/CAM, Quality and Productivity Improvement, Industrial Fluidics, Automobile Engineering, Refrigeration and Air Conditioning & Heat Transfer applications.

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Department of Mechanical Engineering, YCCE has established Siemens centre of excellence under the proficient guidance and support from Siemens and AICTE .Education fraternity and Industries are drawn from the resources of Centre of Excellence and its industry and academic partners, and bring unique and relevant domain expertise that can provide ongoing linkage to the needs and trends of the Digital Manufacturing. Under the guidance and direction of the Siemens and AICTE, concepts and innovative ideas can be nurtured to exchange industry knowledge and developments and to provide practical and immediate prevalence to the various activities.

The vision of the Siemens Centre of Excellence, YCCE is to provide a responsive and innovative nucleus for growth and expansion of common platform between academia and industries. The training facilities, focusing the efforts of a highly skilled and experienced cadre of thought leaders who have the mission to energize the application of innovation as a competitive edge.

## COURSE OUTLINE

- Basics of Scilab
- Data manipulation
- Fundamentals of Scilab Programming
- Fundamentals of Python
- Data modeling
- Data structure creation using Python
- Etc.

## COURSE INSTRUCTORS

- Dr.J.P.Giri

## Patron

- Hon'ble Shri Dattaji Meghe  
Chairmen, Nagar Yuvak Shikshan sanstha, Nagpur
- Shri Sagarji Meghe  
Secretary, Nagar Yuvak Shikshan sanstha, Nagpur
- Shri Sameerji Meghe  
Treasurer, Nagar Yuvak Shikshan sanstha, Nagpur

## ADVISORY BOARD

Dr.R.L.Shrivastava  
Dr. V.H.Tatwawadi  
Prof.B.D.Deshmukh  
Prof. A.J.Bamnote  
Prof.S.L.Bankar  
Prof.A.M.Pande

## ORGANIZING COMMITTEE

### Coordinators

Dr. Jayant Giri

### Co-coordinators

Prof. V.M.Korde  
Prof. A.S.Bonde  
Prof. R.B. Chadge

### Organizing Secretary

Dr. U.P. Waghe  
Principal, YCCE

### Convener

Dr.S.S.Chaudhary  
Head, Department of Mechanical Engineering





**Yeshwantrao Chavan College of Engineering, Wanadongri,  
Nagpur-441110**

VALUE ADDED COURSE  
**ARDUINO WORKSHOP**

**01- 06 SEPT 2017**

THE OPEN-SOURCE ELECTRONICS PROTOTYPING PLATFORM



**Organized by  
Department of Electrical Engineering**



## Objectives of the Course:

MATLAB is one of the most widely used high level computing languages; it provides users a friendly and interactive environment for algorithm development, data visualisation, data analysis, and numeric computation. With its extensive libraries of mathematical and graphical routines, MATLAB is used in areas such as, control design, test and measurement, power system design.

This course provides a progressively gentle introduction to MATLAB, fundamentals of programming, solving mathematical equations, simulation of converters, PWM techniques and its applications in the field of power electronics, drives, renewable energy systems etc. using MATLAB. The contents of this workshop are so designed that the learner will be able to develop the electrical systems.

This course will offer a unique opportunity for faculty, research scholars, PG students working in the relevant topics to develop expertise through theoretical sessions and laboratory based demonstrations.

## Course Contents:

- Introduction to Basic programming, Modelling and Simulations.
- Applications of various Simulink (Power system) Blocks.
- Simulations of Converters and Inverters
- Simulation of Multilevel Inverters
- Modulation Techniques
- PV Programming and simulation of Grid Connected Systems and controls.
- Realization of Power Quality Problems using Simulink
- Simulations of Active Filters
- Harmonic Analysis using MATLAB
- Reliability Analysis using MATLAB programming
- Artificial Intelligence

## Faculty:

Apart from the faculty of YCCE, eminent guest faculty in this field from NITs, Other prominent Institutes and Industry will deliver the lectures.

## How to Apply:

Interested participants are required to submit the application form along with registration fees by demand draft / cash payment to the course coordinators. The demand draft to be drawn in favour of 'The Principal, YCCE' payable at Nagpur.

**Registration Fees: Rs. 2000/- for faculty participant and Rs. 1200 for PG Students.**

## Eligibility:

The course is best suited for faculty of Electrical and Electronics Engineering. The course is open to faculty members of TEQIP network institutions; AICTE approved engineering colleges, industrial professionals, and research students.

## Important Date:

Last date of receipt of application form:

**January 30, 2018**

Intimation to applicants by e-mail

**February 4, 2018**

## Allowances, Lodging and Boarding

Working lunch during the course will be made available by the Institute. Accommodation to outstation participants will be provided on request on payment basis. TA/DA will not be admissible to any participant.

## Contacts:

**Dr. S. P. Gawande**, Dept. of Electrical Engg. (M)  
9960328951, e-mail-spgawande\_18@yahoo.com  
**MS.S.L.Tiwari**, Dept. of Electrical Engg. (M)  
9422823380, shweta\_tiwari200410@rediff.com

## VALUE ADDED COURSE ON

## MATLAB APPLICATIONS FOR ELECTRICAL ENGINEERING

**(06 - 11<sup>th</sup> FEBRUARY 2018)**  
**APPLICATION FORM**

Name: \_\_\_\_\_

Age: \_\_\_\_\_

Designation: \_\_\_\_\_

Organization: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

E-mail id: \_\_\_\_\_

Highest Academic Qualification: \_\_\_\_\_

Experience: \_\_\_\_\_

Details of registration fees :

Amount: \_\_\_\_\_ DD No.: \_\_\_\_\_

Dated: \_\_\_\_\_ Bank : \_\_\_\_\_

Accommodation required: Yes / No

Date: \_\_\_\_\_ Signature of the applicant

The applicant will be permitted to attend the programme, if selected.

Date: \_\_\_\_\_ Signature of the sponsoring authority with seal



## Our Location:

The College is located at about 12 Km from Nagpur on the Nagpur-Hingna road at Wanadongri, on a hilltop. Lush green campus has been developed in about 40 acre of land with well-maintained greenery and beautiful gardens.

## Our Institute:

Yeshwantrao Chavan College of Engineering (YCCE) established in 1984, is a premier technical educational institute of Central India. It is affiliated to Rashtrasant Tukdoji Maharaj Nagpur University (RTMNU). YCCE had become the first private engineering college to acquire 'Autonomous Status' in Central India. The institute is guided by Academic Board consisting of eminent academicians from prestigious technical institutes in India and abroad. The college received ISTE Best National Private Engineering College Award for 2014. Recently, YCCE is ranked 93<sup>rd</sup> at all India level amongst IITs, NITs, Govt. & Autonomous Institutions by NIFR, Ministry HRD, Govt. of India.

## About Department of Electrical Engg.:

The department is accredited by National Board of Accreditation (NBA). The department is one of the well established departments imparting quality education to UG (Electrical) and PG (Integrated Power Systems) programmes. The department also offers Ph.D. programme to promote research activities in the various areas of Electrical Engineering. The department has wide research publications in reputed International/National conferences as well as SCI index journals like IEEE Transactions, IET, Elsevier, Journal of Power Electronics, Taylor & Francis etc. The department is having well established laboratories with computing facility having software's like MATLAB, EMTDC/PSCAD, SKM Power Tools, VSIM, PSIM and CASPOC.

(Self-Financing Basis)  
ON

**MATLAB APPLICATIONS FOR  
ELECTRICAL ENGINEERING  
(06 - 11<sup>th</sup> FEBRUARY 2018)**

### Convener

**Dr. R. M. Moharil  
Head of Department**

**Co-ordinator  
Prof. Mrs. S. L. Tiwari**

**Co-ordinator  
Prof. J. M. Kumbhare**

**Organised by**

**Department of Electrical Engineering**



**Yeshwantrao Chavan College of  
Engineering  
Hingna Road, Wanadongri,  
Nagpur (M.S.) – 441 110**

## Patrons:

**Hon'ble Shri. Dattaji Meghe** - Ex Member of Parliament (Lok Sabha) Chancellor, DMIMS, Nagpur, Chairman, NYSS, Nagpur.

**Shri. Sagarji Meghe** - Ex-MLC, Maharashtra State, Secretary, NYSS, Nagpur.

**Shri. Sameerji Meghe**- MLA, Hingna Constituency, Maharashtra State, Secretary, DMIMS, Nagpur, Treasurer, NYSS, Nagpur.

## Advisors :

**Dr. U. P. Waghe**, Principal, YCCE, Nagpur

**Dr. U. P. Waghe**, Principal, YCCE, Nagpur

**Dr. P. K. Dakhole**, Registrar, YCCE, Nagpur

**Dr. A. M. Pande**, Director R & D (MGI), Nagpur.

## Technical Committee:

**Dr. V. B. Borghate**, VNIT, Nagpur.

**Dr. M. R. Ramteke**, VNIT, Nagpur.

**Dr. M. B. Diagavane**, GHRIETW, Nagpur.

**Dr. S. B. Bodhke**, RCOEM, Nagpur.

**Dr. S.P. Mule**, PCOEA, Nagpur

**Prof. P. D. Debre**, RGCER, Nagpur.

**Prof. Somalwar**, DMIETR, Wardha,

**Dr. Mrs. Shilpa Kalambe**, DBACER, Nagpur.

## Organising Committee:

**Prof. B. Y. Bagde**

**Dr. P. M. Meshram**

**Dr. S. G. Kadwane.**

**Dr. S. P. Gawande**

**Prof. A. P. Munshi.**

**Prof. A. S. Lilhare**

**Prof. P. B. Joshi**

**Prof. Rohan Khonde.**

**Prof. Ashish Tikle.**



ISTE approved  
In House Workshop  
Series on

## "VLSI & Embedded System"

06 th August 2017 to 21 st October 2017  
(On public holidays & Sundays)

Convener

Dr. M. M. Mushrif

Co-ordinators

Prof. A. V. Choudhari

Prof. N. A. Pande



Organized by

Department of Electronics &  
Telecommunication Engineering

Yashwantrao Chavan College of  
Engineering, Nagpur (M.S.) - 441 110  
(An Autonomous Institution affiliated to  
Rashtrasant Tukadoji Maharaj Nagpur  
University)

### Course Contents:

- Digital System Design
- ARM based Embedded Systems
- Introduction to Lab View
- Basic of CMOS VLSI Design
- Digital System Design Verilog

### How to Apply:

Interested Participants are required to register by sending the duly filled application form along with registration fee.

### Eligibility:

Faculty/Student from AICTE recognized Engineering colleges from Electronics, Electronics & Telecommunication Engineering, Electrical Engineering, Computer Engineering, Information Technology, Mechanical Engineering disciplines are eligible for participation.

### Registration Fees: Free

### Important Dates:

Last date of receiving the application:

**2nd August, 2017**

### Our Institute:

A premiere technical institution established in 1984, YCCCE is one of the 40 well performing colleges & first autonomous institute in the region. The institute is accredited by NAAC with 'A' Grade and almost all programs run by the institute are accredited by NBA

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Shri Dattaji Meghe, Chairman,  
Shri Sagar Meghe, Secretary,  
Shri Sameer Meghe, Treasurer,  
Nagar Yuwak Shikshan Sanstha, Nagpur

### Advisors:

Dr. U. P. Waghe, Principal  
Dr. P. K. Dakhole, Registrar  
Dr. A. M. Pande, Director, R&D  
Prof. A.V. Bapat, Dean, Academic Matters

### Resource Persons

- Prof. N. A. Pande
- Prof. A. V. chodhari
- Prof. Y. S. Gaidhane
- Prof. V. B. Niranjane
- Prof. A. A. Madankar
- Prof. M. S. Patil
- Dr. D. B. bhoyar
- Mr. Ashwin Balani, Director, FIT, Nagpur.

### For Registration Contact:

Prof. A. V. chodhari : 9765510014

Prof. N. A. Pande :9096210814

ISTE approved  
In House Workshop Series  
on

## "VLSI & Embedded System"

06 th August 2017 to 21 st October 2017

### APPLICATION FORM

Name: \_\_\_\_\_

Age: \_\_\_\_\_

Organization: \_\_\_\_\_

Phone No. : \_\_\_\_\_

E-mail id: \_\_\_\_\_

Details of registration fees:  
Amount: \_\_\_\_\_

I agree that I will abide by the rules and regulations governing the course.

Date: \_\_\_\_\_

Signature of the applicant





# Industrial Programming Language



**ADCC**

**Academy Pvt. Ltd**

EMPOWERING STUDENTS FOR BETTER FUTURE

CAMPUS RECRUITMENT TRAINING PROGRAM  
INDUSTRIAL PROGRAMMING LANGUAGE

Academy



## TABLE OF CONTENTS

C PROGRAMMING LANGUAGE.....	
INTRODUCTION TO PROGRAMMING LANGUAGE.....	10
WHAT IS PROGRAMMING?.....	10
DEVELOPING A SOLUTION LOGICALLY.....	10
PROGRAMMING: THE NEXT STEP AFTER DEVELOPING AN ALGORITHM.....	10
INTRODUCTION TO C PROGRAMMING.....	10
ORIGIN OF C.....	12
WHERE IS C USEFUL?.....	12
WHAT KIND OF LANGUAGE IS C?.....	13
DATA TYPES.....	13
THE INT DATA TYPE.....	13
THE FLOAT DATA TYPE.....	14
THE CHAR DATA TYPE.....	14
VARIABLES & CONSTANTS.....	14
DECLARING VARIABLES IN A C PROGRAM.....	15
STORING DATA IN VARIABLES.....	15
DATA AND INPUT FUNCTIONS.....	16
OPERATORS.....	18
ARITHMETIC OPERATORS.....	18
TYPECASTING.....	20
ASSIGNMENT OPERATORS IN C.....	20
RELATIONAL OPERATORS.....	21
LOGICAL OPERATORS.....	22
EXPRESSIONS AND OPERATOR PRECEDENCE.....	24
CONTROL STRUCTURES.....	25
THE IF STATEMENT.....	25
MULTIPLE STATEMENTS WITHIN IF.....	27
THE IF-ELSE STATEMENT.....	28
NESTED IF-ELSESES.....	29
USE OF LOGICAL OPERATORS.....	30
THE ELSE IF CLAUSE.....	31
LOOPING & ITERATION.....	31
LOOPS.....	32
THE WHILE LOOP.....	32
THE FOR LOOP.....	35
NESTING OF LOOPS.....	39
MULTIPLE INITIALISATIONS IN THE FOR LOOP.....	40
THE BREAK STATEMENT.....	40
THE CONTINUE STATEMENT.....	42

THE DO-WHILE LOOP .....	43
DECISIONS USING SWITCH .....	44
FUNCTIONS & POINTERS .....	46
INTRODUCTION TO FUNCTIONS .....	47
PASSING VALUES BETWEEN FUNCTIONS .....	49
SCOPE RULE OF FUNCTIONS .....	50
INTRODUCTION TO POINTERS .....	51
POINTER NOTATION .....	51
ARRAYS .....	56
WHAT ARE ARRAYS .....	56
A SIMPLE PROGRAM USING ARRAY .....	57
ARRAY DECLARATION .....	58
ACCESSING ELEMENTS OF AN ARRAY .....	58
READING DATA FROM AN ARRAY .....	59
ARRAY INITIALISATION .....	59
POINTERS AND ARRAYS .....	61
PASSING AN ENTIRE ARRAY TO A FUNCTION .....	62
TWO DIMENSIONAL ARRAYS .....	63
POINTER TO AN ARRAY .....	67
ARRAY OF POINTERS .....	70
THREE-DIMENSIONAL ARRAY .....	71
WORKING WITH STRINGS .....	71
WHAT ARE STRINGS .....	72
MORE ABOUT STRINGS .....	72
POINTERS AND STRINGS .....	75
STANDARD LIBRARY STRING FUNCTIONS .....	76
STRUCTURES .....	81
WHY USE STRUCTURES .....	82
DECLARING A STRUCTURE .....	83
ACCESSING STRUCTURE ELEMENTS .....	85
HOW STRUCTURE ELEMENTS ARE STORED .....	85
ARRAY OF STRUCTURES .....	86
ADDITIONAL FEATURES OF STRUCTURES .....	87
USES OF STRUCTURES .....	92
FILE HANDLING .....	93
DATA ORGANIZATION .....	93
FILE OPERATIONS .....	94
A FILE-COPY PROGRAM .....	98
WRITING TO A FILE .....	99
FILE OPENING MODES .....	99



STRING (LINE) I/O IN FILES .....	100
THE AWKWARD NEWLINE .....	102
RECORD I/O IN FILES .....	102
DATABASE MANAGEMENT .....	104
PROGRAMMING IN C++ .....	109
INTRODUCTION TO C++ .....	109
OBJECT ORIENTED PROGRAMMING .....	109
INTRODUCTION TO CLASSES AND OBJECTS .....	109
CLASSES V/S PROCEDURAL PROGRAM .....	110
STRUCTURE OF C++ PROGRAM .....	110
COMPONENTS OF C++ PROGRAM .....	111
HEADER FILES .....	111
INT MAIN( ) OR VOID MAIN( ) .....	112
DATA TYPES .....	112
VARIABLES .....	113
SCOPE OF VARIABLES .....	113
OPERATORS .....	114
CONDITIONAL STATEMENTS .....	115
IF STATEMENT .....	115
IF...ELSE STATEMENT .....	115
ITERATION STRUCTURES .....	116
WHILE LOOP STRUCTURE .....	116
DO...WHILE LOOP STRUCTURE .....	117
FOR LOOP STRUCTURE .....	117
SWITCH CASE STRUCTURE .....	118
FUNCTIONS .....	118
INTRODUCTION TO FUNCTIONS .....	118
USER DEFINED FUNCTIONS .....	119
FUNCTION PROTOTYPE AND RETURN STATEMENT .....	120
RETURN STATEMENT .....	122
FUNCTIONS WITH EMPTY PARAMETER LIST .....	125
FUNCTION OVERLOADING .....	125
THE INLINE FUNCTIONS .....	126
CLASSES & OBJECTS .....	127
DECLARATION OF CLASS AND CLASS OBJECTS .....	128
ACCESS SPECIFIERS - PRIVATE, PROTECTED AND PUBLIC .....	130
DEFINING A MEMBER FUNCTION OUTSIDE THE CLASS .....	131
INITIALIZING PRIVATE DATA MEMBERS .....	132
ACCESSING PRIVATE DATA MEMBERS .....	134
CLASS WITH AN ARRAY AS DATA MEMBER .....	135



CLASS WITH AN ARRAY OF STRINGS AS DATA MEMBER .....	136
CLASS CONSTRUCTOR AND DESTRUCTOR FUNCTIONS .....	137
TYPES OF CONSTRUCTORS .....	139
ACCESSING PRIVATE FUNCTION MEMBERS OF A CLASS .....	142
POINTER TO A CLASS .....	143
POINTERS TO OBJECTS OF A CLASS .....	146
POINTERS TO FUNCTION MEMBERS OF A CLASS .....	147
POINTER TO DATA MEMBER OF A CLASS .....	148
STATIC DATA MEMBERS OF A CLASS .....	149
STATIC FUNCTION MEMBER OF A CLASS .....	151
OPERATOR OVERLOADING .....	152
INTRODUCTION TO OPERATOR OVERLOADING .....	152
OPERATORS THAT MAY BE OVERLOADED .....	153
RESTRICTIONS ON OVERLOADED OPERATORS .....	153
OPERATOR OVERLOADING FUNCTIONS .....	153
OVERLOADING FUNCTIONS AND ARGUMENTS .....	154
OPERATOR + DEFINED TO CARRY OUT MINUS OPERATION .....	155
ADDITION OF COMPLEX NUMBERS .....	157
OVERLOADING OF += AND -= OPERATORS .....	157
OVERLOADING OF INSERTION (<<), EXTRACTION (>>) AND /= OPERATORS .....	158
OVERLOADING OF INCREMENT AND DECREMENT OPERATORS (++ AND --) .....	160
OVERLOADING OF EQUALITY OPERATOR (==) .....	162
OVERLOADING OF INDEX OPERATOR [ ] .....	163
INHERITANCE .....	164
INTRODUCTION TO INHERITANCE .....	164
FORMS OF INHERITANCES .....	164
SINGLE PUBLIC INHERITANCE .....	166
SINGLE PROTECTED INHERITANCE .....	170
SINGLE PRIVATE INHERITANCE .....	171
MULTIPLE INHERITANCE .....	171
MULTILEVEL INHERITANCE .....	173
CONSTRUCTORS AND DESTRUCTORS IN INHERITANCE .....	175
POLYMORPHISM .....	178
VIRTUAL FUNCTIONS .....	178
ARRAYS OF BASE CLASS POINTERS .....	184
EXCEPTION HANDLING .....	185
INTRODUCTION .....	185
THE TRY, THROW AND CATCH .....	186
CATCH ALL TYPES OF EXCEPTIONS .....	192
EXCEPTION HANDLING FUNCTION .....	193



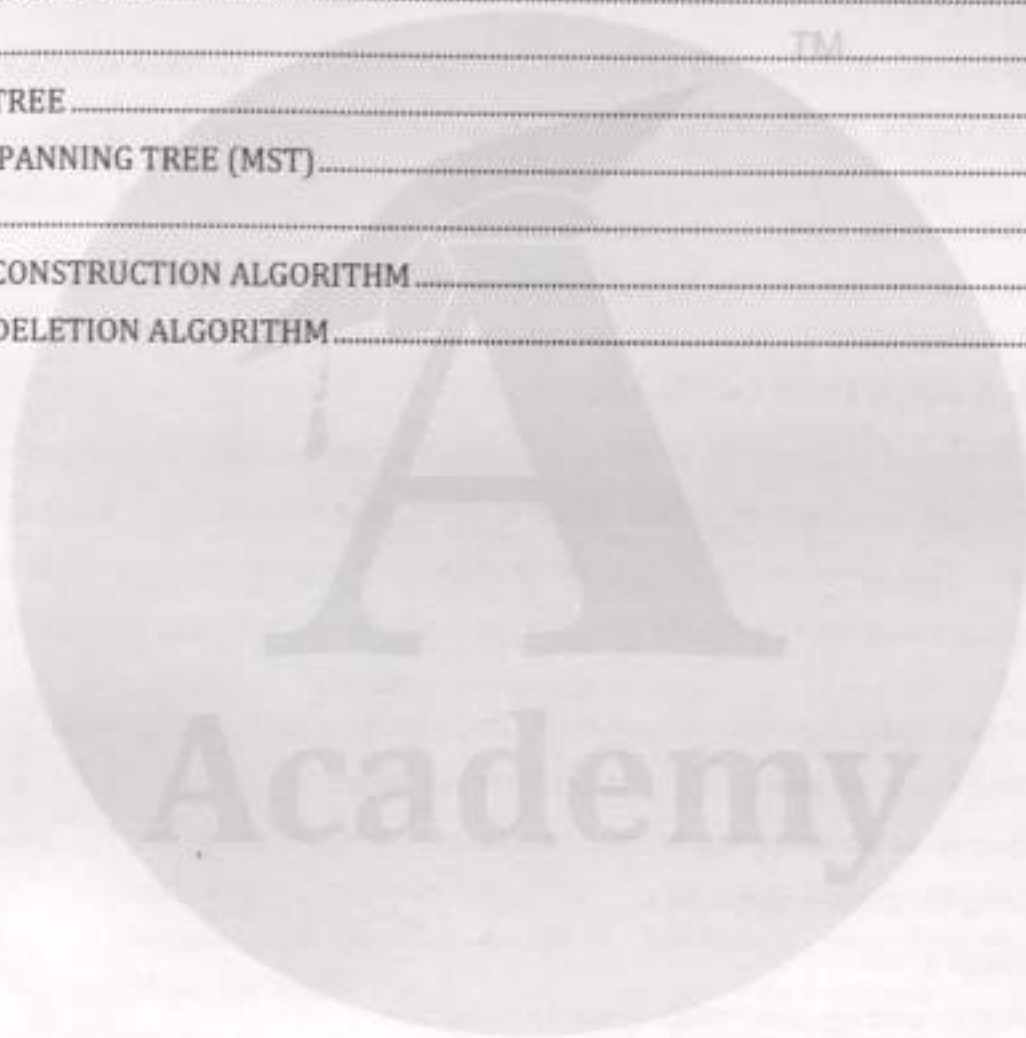
EXCEPTION SPECIFICATION.....	195
RETHROW AN EXCEPTION.....	196
C++ STANDARD LIBRARY EXCEPTION CLASSES.....	195
FUNCTION TERMINATE() AND SET_TERMINATE().....	202
FUNCTION UNEXPECTED() AND SET_UNEXPECTED().....	203
DATA STRUCTURE USING C PROGRAMMING.....	204
INTRODUCTION.....	204
CHARACTERISTICS OF A DATA STRUCTURE.....	204
NEED FOR DATA STRUCTURE.....	204
BASIC TERMINOLOGY.....	205
ALGORITHMS – BASICS.....	205
CHARACTERISTICS OF AN ALGORITHM.....	205
HOW TO WRITE AN ALGORITHM?.....	206
ALGORITHM COMPLEXITY.....	207
SPACE COMPLEXITY.....	207
TIME COMPLEXITY.....	207
ASYMPTOTIC ANALYSIS.....	208
ASYMPTOTIC NOTATIONS.....	208
DATA STRUCTURE BASIC CONCEPTS.....	209
DATA DEFINITION.....	209
DATA OBJECT.....	210
DATA TYPE.....	210
BASIC OPERATIONS.....	210
ARRAYS.....	211
ARRAY REPRESENTATION.....	211
BASIC OPERATIONS.....	212
INSERTION OPERATION.....	212
ARRAY INSERTIONS.....	213
DELETION OPERATION.....	219
SEARCH OPERATION.....	220
UPDATE OPERATION.....	221
LINKED LIST.....	223
LINKED LIST REPRESENTATION.....	223
TYPES OF LINKED LIST.....	223
BASIC OPERATIONS.....	223
INSERTION OPERATION.....	224
DELETION OPERATION.....	225
REVERSE OPERATION.....	226
LINKED LIST PROGRAM IN C.....	227
DOUBLY LINKED LIST.....	232

DOUBLY LINKED LIST REPRESENTATION .....	232
BASIC OPERATIONS.....	232
INSERTION OPERATION.....	233
DELETION OPERATION.....	233
DOUBLY LINKED LIST PROGRAM IN C.....	234
CIRCULAR LINKED LIST .....	238
SINGLY LINKED LIST AS CIRCULAR.....	239
DOUBLY LINKED LIST AS CIRCULAR .....	239
BASIC OPERATIONS.....	239
INSERTION OPERATION.....	239
DELETION OPERATION.....	240
DISPLAY LIST OPERATION .....	240
CIRCULAR LINKED LIST PROGRAM IN C.....	240
STACK & QUEUE.....	243
STACK INTRODUCTION .....	243
STACK REPRESENTATION.....	243
BASIC OPERATIONS.....	243
PUSH OPERATION .....	245
POP OPERATION .....	246
STACK PROGRAM IN C.....	248
EXPRESSION PARSING .....	249
PARSING EXPRESSIONS.....	250
ASSOCIATIVITY.....	251
POSTFIX EVALUATION ALGORITHM .....	251
EXPRESSION PARSING USING STACK.....	251
QUEUE INTRODUCTION.....	255
QUEUE REPRESENTATION.....	255
BASIC OPERATIONS.....	255
ENQUEUE OPERATION.....	257
DEQUEUE OPERATION.....	258
QUEUE PROGRAM IN C.....	259
SEARCHING.....	261
LINEAR SEARCH.....	261
BINARY SEARCH.....	263
INTERPOLATION SEARCH .....	268
HASHING.....	272
INTRODUCTION TO HASHING.....	272
LINEAR PROBING .....	273
BASIC OPERATIONS.....	273
DATA ITEM.....	273



HASH METHOD.....	273
SEARCH OPERATION.....	274
INSERT OPERATION.....	274
DELETE OPERATION.....	275
HASH TABLE PROGRAM IN C.....	275
SORTING.....	275
IN-PLACE SORTING AND NOT-IN-PLACE SORTING.....	278
STABLE AND NOT STABLE SORTING.....	278
ADAPTIVE AND NON-ADAPTIVE SORTING ALGORITHM.....	278
BUBBLE SORT.....	279
HOW BUBBLE SORT WORKS?.....	280
IMPLEMENTATION.....	280
INSERTION SORT.....	284
HOW INSERTION SORT WORKS?.....	286
INSERTION SORT PROGRAM IN C.....	286
SELECTION SORT.....	289
HOW SELECTION SORT WORKS?.....	291
SELECTION SORT PROGRAM IN C.....	291
MERGE SORT.....	294
HOW MERGE SORT WORKS?.....	296
MERGE SORT PROGRAM IN C.....	296
SHELL SORT.....	298
HOW SHELL SORT WORKS?.....	299
SHELL SORT PROGRAM IN C.....	299
QUICK SORT.....	302
PARTITION IN QUICK SORT.....	304
QUICK SORT PIVOT ALGORITHM.....	304
QUICK SORT PIVOT PSEUDOCODE.....	305
QUICK SORT PROGRAM IN C.....	305
GRAPHS.....	306
GRAPH DATA STRUCTURE.....	309
BASIC OPERATIONS.....	309
DEPTH FIRST TRAVERSAL.....	310
DEPTH FIRST TRAVERSAL IN C.....	310
BREADTH FIRST TRAVERSAL.....	313
BREADTH FIRST TRAVERSAL IN C.....	316
TREE DATA STRUCTURES.....	318
IMPORTANT TERMS.....	321
BINARY SEARCH TREE REPRESENTATION.....	322
BST BASIC OPERATIONS.....	322
	323

INSERT OPERATION.....	323
SEARCH OPERATION.....	325
TREE TRAVERSAL IN C.....	326
TREE TRAVERSAL.....	329
IN-ORDER TRAVERSAL.....	329
PRE-ORDER TRAVERSAL.....	330
POST-ORDER TRAVERSAL.....	331
TREE TRAVERSAL IN C.....	332
BINARY SEARCH TREE.....	335
AVL TREES.....	337
SPANNING TREE.....	342
MINIMUM SPANNING TREE (MST).....	344
HEAPS.....	351
MAX HEAP CONSTRUCTION ALGORITHM.....	352
MAX HEAP DELETION ALGORITHM.....	352







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**Functional English V**

# Manual 5

<b>Contents</b>	<b>Pg. No.</b>
1) Greeting and Introduction	1 - 3
2) Welcoming visitors	4 - 5
3) Films & Movie	6 - 9
4) Talking about Sport & Leisure	10 - 12
5) Narrating Stories	13 - 23
6) Mad Ads	24 - 27
7) Creative & Content Writing	28 - 36
8) Letter / E-Mail Writing	37 - 44
9) Handling High Pressure situations	45 - 46
10) Responding in impromptu situations	47 - 49
11) Swot Analysis	50 - 56
12) Politics & Nations	57 - 64
13) Economics	65 - 68
14) Business & Success Stories	69 - 80
15) Creativity	81 - 90
16) Technology with Jargons	91 - 104
17) Theatre	105 - 115
18) Self Assessment	116 - 118





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**Functional English I**

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# Manual 1

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<b>Contents</b>	<b>Page</b>
1. Greetings and Introduction	1 - 3
2. Welcoming Visitors	4 - 5
3. Offer, Request, Apology, Gratitude	6 - 10
4. Telephone Etiquette	11 - 12
5. Family Vocabulary	13 - 17
6. Habits and Routines	18 - 20
7. Talking about Past	21 - 25
8. Wishes and Future Plans	26 - 29
9. Describing Food Places and People	30 - 31
10. Describing appearance and physical trait	32 - 32
11. Describing self and people	33 - 36
12. Telling Directions	37 - 42
13. Job and occupation	43 - 47
14. Film and Movies	48 - 51
15. Talking about sports and leisure	52 - 54
16. Business Writing	55 - 65
17. Making Appointments	66 - 68
18. Interaction at Bank and Hospitals	69 - 71
19. Festivals and Celebrations	72 - 74
20. Talking about likes and Dislikes	75 - 77
21. Idioms, Phrases and Quotes	78 - 82
22. Narrating Stories	83 - 92





**Advanced Get Set GO**

# ADVANCED GET SET GO

## MEGHE FINISHING SCHOOL

Participant Manual





## Program Focus

Increase Self Confidence

Get Self-direction

Attain Attitude control

Effective Communication

Maintain Professional image

"Practice means to perform, over and over again in the face of all obstacles, some act of vision, of faith, of desire. Practice is a means of inviting the perfection desired."

Martha Graham



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**Academy**



**Get Set GO**



# GET SET GO...

## HESSIE FINISHING SCHOOL

Participant Manual



Get.....Ready

Set.....Goals

Go.....with confidence



## **Program Focus**

Increase Self Confidence

Improve Interpersonal Skills

Impactful Communication

Inculcate Leadership Skills

Immersing Positive Attitude

*Twenty years from now you will be more disappointed by the things that you didn't do than by the ones you did do. So throw off the bowlines. Sail away from the safe harbour. Catch the trade winds in your sails. Explore. Dream. Discover.*

**-Mark Twain**





# ***DATA INTERPRETATION & LOGICAL REASONING***

**Course Material for Aptitude Development**

# CONTENTS

<u>Sr. No.</u>	<u>CHAPTER NAME</u>	<u>Pg. No.</u>
1.	ORIENTATION TO DATA INTERPRETATION	01
2.	ORIENTATION TO LOGICAL REASONING	14
3.	DI-LINE GRAPH AND PIE CHART	28
4.	LR-DATA ARRANGEMENT & LOGICAL PUZZLES	35
5.	BAR GRAPHS & TABLES	50
6.	LR-DIRECTION, SYLLOGISMS & BLOOD RELATIONS	59
7.	LR-MISCELLANEOUS	82
8.	LR-VENN DIAGRAM, MATHEMATICAL OPERATIONS & CODING DECODING	97
9.	DATA SUFFICIENCY	106
10.	LR-CUBES & NUMBER SERIES	123
11.	SELECTION DECISION TABLE	141
12.	VERBAL ANALOGY	171
13.	DILR PRACTICE TESTS	210





# QUANTITATIVE APTITUDE

Course Material for Aptitude Development

# CONTENTS

1)	Introduction to Vedic Mathematics	01
2)	Introduction to Number System	19
3)	Advanced Number System	39
4)	Averages, Percentages & Interest	72
5)	Ratio, Proportion, Variation and Mixture	90
6)	Profit & Loss, Discount and Partnership	137
7)	Work & Time and Pipes & Cisterns	159
8)	Time, Speed & Distance	181
9)	Geometry-Lines, Angles & Triangles	206
10)	Mensuration 2D & 3D	224
11)	Progressions	275
12)	Permutations & Combinations	300
13)	Probability	316
14)	Calendars	336
15)	Quantitative Test 1 & Analysis	347
16)	Quantitative Test 2 & Analysis	357
17)	Quantitative Test 3 1 & Analysis	371



### Registration Form

Name of Student: - \_\_\_\_\_  
\_\_\_\_\_

Name of Institute: - \_\_\_\_\_  
\_\_\_\_\_

Name of Branch: - \_\_\_\_\_  
\_\_\_\_\_

Section and Roll No.: - \_\_\_\_\_

Enrollment No.: - \_\_\_\_\_

Email-Id: - \_\_\_\_\_

Contact No.: - \_\_\_\_\_

Sign of Student: - \_\_\_\_\_

### Objectives of the Workshop

- To aware of 3D Drawing as it is a comprehensive structural engineering software that addresses all aspects of structural engineering including model development, verification, analysis, design and review of results
- To Enhance knowledge of 3D Drawing will help students to pursue their career in the field of analysis and design of civil engineering structures
- To boost the enterprenuership in the field of structural designer

The expected audience are third and final year students of B.E./B.Tech Civil Engineering.

**The participation fess is Rs. 500/-**  
**Maximum 250 students can participate on first cum first serve basis.** The student participants will be awarded certificate of participation.

### Contact for Registration: -

Mr. S. G. Kalamkar

#### Convener

[san22kalmkar@gmail.com](mailto:san22kalmkar@gmail.com), 9970635735

Mr. S.W.Dhengare

#### Coordinator

[sdhengare@gmail.com](mailto:sdhengare@gmail.com) , 9503356130

### Value Added Course/ Workshop on

**“AutoCad”**

On

**10/09/2016 to 15/10/2016**

by

**Mr. Sagar Deogirkar**

**Organized by**



**Department of Civil Engineering**  
**Yeshwantrao Chavan College of Engineering,**  
**Hingna Road, Wanadongri, Nagpur**

#### Principal Convener

Mr. S.G.Kalamkar

Assistant Professor

Department of Civil Engineering,

#### Convener

Mr. N.K.Deshmukh

Assistant Professor,

Department of Civil Engineering,

#### Coordinators

Mr. S. W. Dhengare

Assistant Professor,

CE Department,

YCCE

Mr. V.D. Jayale

Assistant Professor,

CE Department,

YCCE

### Registration Form

Name of Student: - \_\_\_\_\_  
\_\_\_\_\_

Name of Institute: - \_\_\_\_\_  
\_\_\_\_\_

Name of Branch: - \_\_\_\_\_  
\_\_\_\_\_

Section and Roll No.: - \_\_\_\_\_

Enrollment No.: - \_\_\_\_\_

Email-Id: - \_\_\_\_\_

Contact No.: - \_\_\_\_\_

Sign of Student: - \_\_\_\_\_

### Objectives of the Workshop

- To aware of 3D Drawing as it is a comprehensive structural engineering software that addresses all aspects of structural engineering including model development, verification, analysis, design and review of results
- To Enhance knowledge of 3D Drawing will help students to pursue their career in the field of analysis and design of civil engineering structures
- To boost the enterprenuership in the field of structural designer

The expected audience are third and final year students of B.E./B.Tech Civil Engineering.

**The participation fess is Rs. 500/-**  
**Maximum 250 students can participate on first cum first serve basis.** The student participants will be awarded certificate of participation.

### Contact for Registration: -

Mr. S. G. Kalamkar

#### Convener

[san22kalmkar@gmail.com](mailto:san22kalmkar@gmail.com), 9970635735

Mr. S.W.Dhengare

#### Coordinator

[sdhengare@gmail.com](mailto:sdhengare@gmail.com) , 9503356130

### Value Added Course/ Workshop on

### “REVIT SOFTWARE”

On  
16/07/2016 to 20/08/2016

by  
Mr. Ashwin Gunjan

Organized by



**Department of Civil Engineering**  
**Yeshwantrao Chavan College of Engineering,**  
**Hingna Road, Wanadongri, Nagpur**

#### Principal Convener

Mr. S.G.Kalamkar  
Assistant Professor  
Department of Civil Engineering,

#### Convener

Mr. N.K.Deshmukh  
Assistant Professor,  
Department of Civil Engineering,

#### Coordinators

Mr. S. W. Dhengare  
Assistant Professor,  
CE Department,  
YCCE

Mr. V.D. Jayale  
Assistant Professor,  
CE Department,  
YCCE



### Registration Form

Name of Student: - \_\_\_\_\_  
\_\_\_\_\_

Name of Institute: - \_\_\_\_\_  
\_\_\_\_\_

Name of Branch: - \_\_\_\_\_  
\_\_\_\_\_

Section and Roll No.: - \_\_\_\_\_

Enrollment No.: - \_\_\_\_\_

Email-Id: - \_\_\_\_\_

Contact No.: - \_\_\_\_\_

Sign of Student: - \_\_\_\_\_

### Objectives of the Workshop

- To make the student aware of WATER GEMS as it is a comprehensive civil engineering software that addresses all aspects of engineering including model development, verification, analysis, design, and review of results
- To Enhance knowledge of WATER GEMS that will help students to pursue their career in the field of analysis and design of civil engineering structures
- To boost entrepreneurship in the field of WATER GEMS.

The expected audience is 3rd year students of B.E. Civil Engineering.

**The registration is free.** The student participants will be awarded with certificate of participation.

### Contact for Registration: -

Mr. Khalid Ansari

#### Convener

[ksansari02@gmail.com](mailto:ksansari02@gmail.com), 9822999288

Mr. V.D.Jayale

#### Coordinator

[Vivekjavale26@gmail.com](mailto:Vivekjavale26@gmail.com), 9955262841

**Value Added Course/ Workshop  
on**

**“Water Gems”**

**On**

**24/09/2016 to 29/10/2016**

**Organized by**



**Department of Civil Engineering  
Yeshwantrao Chavan College of Engineering,  
Hingna Road, Wanadongri, Nagpur**

#### Principal Convener

Mr. H.M.Warade  
Assistant Professor  
Department of Civil Engineering,

#### Convener

Mr. K.S.Ansari  
Assistant Professor,  
Department of Civil Engineering,

#### Coordinators

Mr. P. K. Hinge  
Assistant Professor,  
CE Department,  
YCCE

Mr. V.D.Jayale  
Associate Professor,  
CE Department,  
YCCE

**REGISTRATION FEE**

Nil

**DATES TO REMEMBER**

Last Date for Registration : 10<sup>th</sup> Oct. 2016

**ELIGIBILITY**

Students from Engineering colleges, Polytechnic and Industry professionals from Mechanical Engineering Domain.

**CERTIFICATION**

Certification through Siemens Centre of Excellence YCCE.

**CONTACT PERSONS**

- Dr.Jayant Giri  
Department of Mechanical Engg.  
E-mail: jayantpgiri@gmail.com  
Mob.9822929871

The registration form should be mailed to:

Dr. J.P. Giri  
jayantpgiri@gmail.com  
yccesiemens@gmail.com

**REGISTRATION FORM**

SHORT TERM TRAINING PROGRAMME ON

“Artificial Neural Network and Genetic Algorithm”

Siemens Centre of Excellence  
YCCE, Nagpur

14th October -18th October , 2016

1. Full Name:.....
2. Name of College/Institution/Organization:  
.....
3. Qualification:.....
4. Designation:.....
5. Full Address:.....  
.....
6. Pin code:.....
7. Phone No.:.....
8. Mobile No.:.....
9. E-mail:.....

Place:  
Date:

Signature of the participant



ONE WEEK SHORT TERM TRAINING  
PROGRAMME ON

“Artificial Neural Network and  
Genetic Algorithm”

**14<sup>th</sup> October -18<sup>th</sup> October , 2016**

ORGANIZED BY :

Siemens Centre of Excellence  
Department of Mechanical Engineering  
Yeshwantrao Chavan College of  
Engineering, Nagpur-441110



## OBJECTIVE

Customized training program intended to foster a platform for students from All Engineering domain to understand emerging trends of machine learning in manufacturing sector.

## ABOUT INSTITUTE

Yeshwantrao Chavan College of Engineering (YCCE) is established in 1984 by Nagar Yuvak Shikshan Sanstha, Nagpur. It is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. YCCE is renowned for engineering education and research. For over 28 years, it has successfully nurtured young engineering professionals, becoming a sought after destination for students aspiring to higher technical education and placement in the competitive software and core industry.

The college is guided by Academic Advisory Board consisting of eminent academicians from prestigious technical institutes in India and USA. The college is having well qualified and experienced senior faculty members.

YCCE has become the first private engineering college to acquire "Autonomous Status" in Central India. The institute is implementing autonomy in progressive manner from academic session 2010-11. The students admitted to B.E. and M.Tech. Courses from academic session 2010-11 are under autonomy.

## About Mechanical Engineering Department

The Mechanical Engineering Department was established in the year 1984, With an aim to develop highly competent human resources in Mechanical Engineering profession, department is equipped with up-to-date infrastructure. The emphasis is on making aspirant familiar with theoretical and practical aspects of various fields of Mechanical Engineering.

Our promising thrust areas include CAD/CAM, Quality and Productivity Improvement, Industrial Fluidics, Automobile Engineering, Refrigeration and Air Conditioning & Heat Transfer applications.

To develop skills in manufacturing and fabrication, we have a well equipped Central Workshop. Students are trained on specialized facilities like NC/CNC Machines, Robot, Flexible Manufacturing Systems and advanced software like ORACLE, AUTODESK, Pro-E, ANSYS and CATIA.

## About Siemens Centre of Excellence

Department of Mechanical Engineering, YCCE has established Siemens centre of excellence under the proficient guidance and support from Siemens and AICTE .Education fraternity and Industries are drawn from the resources of Centre of Excellence and its industry and academic partners, and bring unique and relevant domain expertise that can provide ongoing linkage to the needs and trends of the Digital Manufacturing. Under the guidance and direction of the Siemens and AICTE, concepts and innovative ideas can be nurtured to exchange industry knowledge and developments and to provide practical and immediate prevalence to the various activities.

The vision of the Siemens Centre of Excellence, YCCE is to provide a responsive and innovative nucleus for growth and expansion of common platform between academia and industries. The training facilities, focusing the efforts of a highly skilled and experienced cadre of thought leaders who have the mission to energize the application of innovation as a competitive edge.

## COURSE OUTLINE

- Basics of machine learning
- Fundamentals of MATLAB Programming
- Fundamentals of Curve fitting
- Response Surface Methodology using MATLAB
- Artificial Neural Network
- Optimization using ANN
- Mathematical Modeling using ANN
- Modeling and Simulation using GA
- Case Studies on Modeling and Simulation

## COURSE INSTRUCTORS

- Dr.J.P.Giri

## Patron

- Hon'ble Shri Dattaji Meghe  
Chairmen, Nagar Yuvak Shikshan sanstha, Nagpur
- Shri Sagarji Meghe  
Secretary, Nagar Yuvak Shikshan sanstha, Nagpur
- Shri Sameerji Meghe  
Treasurer, Nagar Yuvak Shikshan sanstha, Nagpur

## ADVISORY BOARD

Dr.R.L.Shrivastava  
Dr. V.H.Tatwawadi  
Dr. S.P.Untawale  
Prof.B.D.Deshmukh  
Prof. A.J.Bamnote  
Prof.S.L.Bankar  
Prof.A.M.Pande

## ORGANIZING COMMITTEE

### Coordinators

Dr. Jayant Giri

### Co-coordinators

Prof. A.S.Bonde  
Prof. R.B. Chadge

### Organizing Secretary

Dr. U.P. Waghe  
Principal, YCCE

### Convener

Dr.S.S.Chaudhary  
Head, Department of Mechanical Engineering

**REGISTRATION FEE**

Nil

**DATES TO REMEMBER**

Last Date for Registration : 15<sup>th</sup> Aug. 2016

**ELIGIBILITY**

Students from Engineering colleges, Polytechnic and Industry professionals from Mechanical Engineering Domain.

**CERTIFICATION**

Certification through Siemens Centre of Excellence YCCE.

**CONTACT PERSONS**

- Dr.Jayant Giri  
Department of Mechanical Engg.  
E-mail: jayantpgiri@gmail.com  
Mob.9822929871

The registration form should be mailed to:

Dr. J.P. Giri  
jayantpgiri@gmail.com  
yccesiemens@gmail.com

**REGISTRATION FORM**

SHORT TERM TRAINING PROGRAMME ON

“Computer Aided Manufacturing using NX-CAM”

Siemens Centre of Excellence  
YCCE, Nagpur

19th August –23rd August , 2016

1. Full Name:.....
2. Name of College/Institution/Organization:  
.....
3. Qualification:.....
4. Designation:.....
5. Full Address:.....  
.....
6. Pin code:.....
7. Phone No.:.....
8. Mobile No.:.....
9. E-mail:.....

Place:

Date:

Signature of the participant



ONE WEEK SHORT TERM TRAINING  
PROGRAMME ON

“Computer Aided Manufacturing  
using NX-CAM”

**19<sup>th</sup> August –23<sup>rd</sup> August , 2016**

ORGANIZED BY :

Siemens Centre of Excellence  
Department of Mechanical Engineering  
Yeshwantrao Chavan College of  
Engineering, Nagpur-441110



## OBJECTIVE

Customized training program intended to foster a platform for students from All Engineering domain to understand emerging trends of machine learning in manufacturing sector.

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The vision of the Siemens Centre of Excellence, YCCE is to provide a responsive and innovative nucleus for growth and expansion of common platform between academia and industries. The training facilities, focusing the efforts of a highly skilled and experienced cadre of thought leaders who have the mission to energize the application of innovation as a competitive edge.

## COURSE OUTLINE

- Basics of manufacturing
- Fundamentals of CNC PROGRAMMING
- Basics of NX-CAM
- Interface of NX-CAM
- NX-CAM Programming
- Postprocessing using NX-CAM
- Adaptive Manufacturing using NX-CAM

## COURSE INSTRUCTORS

- Dr.J.P.Giri
- Prof. C.A. Mahatme

## Patron

- Hon'ble Shri Dattaji Meghe  
Chairmen, Nagar Yuvak Shikshan sanstha, Nagpur
- Shri Sagarji Meghe  
Secretary, Nagar Yuvak Shikshan sanstha, Nagpur
- Shri Sameerji Meghe  
Treasurer, Nagar Yuvak Shikshan sanstha, Nagpur

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Prof. A.J.Bamnote  
Prof.S.L.Bankar  
Prof.A.M.Pande

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Prof. R.B. Chadge

### Organizing Secretary

Dr. U.P. Waghe  
Principal, YCCE

### Convener

Dr.S.S.Chaudhary  
Head, Department of Mechanical Engineering

## **PATRONS**

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**Shri Sagarji Meghe**, Secretary, NYSS

**Shri Sameerji Meghe**, Treasurer, NYSS

## **Organisers**

**Er. H.O.Thakre**, Chairman IE(I) NLC

**Dr. U. P. Waghe**, Principal, Y.C.C.E.

## **CONVENER**

**Prof. R.M.MOHARIL**

*Prof. and H.O.D. Electrical Engineering*

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*Assistant Professor,Electrical Engineering*

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*Email: [asl91@gmail.com](mailto:asl91@gmail.com)*

## **Organizing Committee**

*Prof. G.C.Gondhelekar*

*Prof. R. S. Khonde*

*Prof. S.L.Tiwari*

## **Important dates**

Last date for receipt of Application: 04/03/2017

## **Eligibility**

The course is open to students of third year Diploma, undergraduate and post graduate courses in Electrical Engineering branch.

## **Registration Fees**

The registration form is to be mailed on or before 04 / 03 / 2016. The shortlisted students will be informed of selection by email. They will have to register on or before 07 / 03 / 16 by paying the registration fees of Rs. 120/- by cash.

## **EMAIL for correspondence**

*[joshiprasad1985@gmail.com](mailto:joshiprasad1985@gmail.com)*

*Six- day Value Added Course  
on*

# **POWER PLANT FAMILIARIZATION**

*07-12 March 2017*



**Organized by  
Department of  
Electrical Engineering  
Yeshwantrao  
Chavan College of Engineering  
(An Autonomous Institution affiliated to  
RTM Nagpur University)  
Wanadongri, Nagpur-441110**

*In Association with*



**NATIONAL POWER  
TRAINING INSTITUTE**



07-12 March 2017

## About the Institute

*Yeshwantrao Chavan College of Engineering (Y.C.C.E.) was established in the Year 1984. This institution extends its expertise in engineering and technological requirements to various public and private sector organizations. Y.C.C.E. is an Autonomous Institution in Vidarbha region of Maharashtra*

## About the Department

*The department is equipped with research facilities, motivated faculty members. The department is conducting UG, PG and Ph.D. programs. The department has undertaken many industrial projects in the areas of electrical distribution system, traction substation, protection of transformer & rural distribution system. We, at Electrical Department, strongly believe in excellent teaching-learning process and hence keep ourselves updated with the recent knowledge in the field of Electrical Engineering.*

## Our Location

*The College is located at about 12 Kms from Nagpur on the Nagpur- Hingna Road at Wanadongri, on a hilltop. Lush green campus has been developed in about 40 acres of land*

## Objectives of Programme

- *Operation & Maintenance of Thermal power plant equipment and its process.*
- *Necessary safety aspects required in a power plant*
- *Details of plant equipment*
- *Power plant project management.*
- *Process flow,*
- *Mechanical/Electrical/Instrumentation aspects of power plants,*

## Resource Persons

- *Prof. S. I. Mahant*
- *Prof. N. T. Moharil*
- *Dr. R.K. Mishra*
- *Prof. S. R. Titoniya*

## Topics to be covered

- \* *Power plant introduction and industrial safety*
- \* *Power plant familiarization.*
- \* *Simulator*
- \* *Control & Instrumentation.*
- \* *Maintenance Management*
- \* *Design aspects of power plant equipment*

Name.....

Diploma/UG/PG: ..... Semester.....

College.....

.....

Address for Correspondence

.....

.....

Email.....

Mobile No.....

Signature:..... Date: .....

The applicant will be permitted to attend the program, if selected.

Date: Signature of the college

Authority with seal

.....

*Note: Duly filled hard copy of the registration form is to be submitted at the time of registration.*

**REGISTRATION FORM**  
ISTE Approved Short Term  
Training Programme

on  
"Emerging Trends in Wireless  
Communication and Networking"  
(ET-WCN)

20<sup>th</sup> February – 25<sup>th</sup> February 2017

NAME: \_\_\_\_\_

QUALIFICATION: \_\_\_\_\_

DESIGNATION: \_\_\_\_\_

ORGANIZATION/INSTITUTE \_\_\_\_\_

MAILING ADDRESS: \_\_\_\_\_

PHONE: (O) \_\_\_\_\_ (M) \_\_\_\_\_

EMAIL: \_\_\_\_\_

Details of Registration Fees

AMOUNT: \_\_\_\_\_ DD NO. \_\_\_\_\_

Date: \_\_\_\_\_ Bank: \_\_\_\_\_

Accommodation Required: YES/ NO

Date: \_\_\_\_\_ Signature of Applicant

Date: \_\_\_\_\_ Signature of the Sponsoring  
Authority with Seal



ISTE Approved Short Term Training  
Programme on

"Emerging Trends in Wireless  
Communication and Networking"  
(ET-WCN)

20<sup>th</sup> February – 25<sup>th</sup> February 2017



Convener  
Dr. P.L. Zade

Co-ordinators  
Dr. Dinesh B. Bhoyar  
Prof. Sachin S. Khade



Organized by  
Department of Electronics and Telecommunication Engineering  
Yeshwantrao Chavan College of Engineering  
(An Autonomous Institution affiliated to Rashtrasant Tukadoji Maharaj  
Nagpur University, Nagpur)

**Patrons**

Honble Shri Dattaji Meghe, Chairman, NYSS  
Shri Sagari Meghe, Secretary, NYSS  
Shri Sameerji Meghe, Treasurer, NYSS

**Advisory Committee**

Dr. U. P. Waghe, Principal, YCCE, Nagpur  
Dr. P. K. Dakhole, Registrar, YCCE, Nagpur  
Dr. A. M. Pande, Director, R & D, YCCE, Nagpur  
Prof. A. V. Bhagat (Patil), Dean P & D, YCCE, Nagpur  
Dr. M.M. Mushrif, Professor, YCCE, Nagpur

**Convener**

Dr. P. L. Zade, HoD, ET Dept.

**Co-ordinators**

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Email: [dinesh.bhoyar23@gmail.com](mailto:dinesh.bhoyar23@gmail.com)  
Phone (M): 9923448822

Prof. Sachin.S. Khade Assit. Professor  
Email: [sac\\_mob@rediffmail.com](mailto:sac_mob@rediffmail.com)  
Phone (M): 9422144007

**Organizing Committee**

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Prof. M.S. Nariawar Prof. A.D. Belsare  
Prof. Y.K. Dubey Prof. C. S. Gode  
Prof. A. V. Choudhari Prof. N.A.Pande  
Prof. M.S. Dorle Prof. S. A. Desai  
Prof. P.D. Dorge Prof. Y.S. Kale  
Prof. K. N. Dongre Prof. A. A. Madankar

**Contact for Correspondence**

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Department of ET, Yeshwantrao Chavan  
College of Engineering, Wanadongri,  
Hingna Road, Nagpur-441110

Phone: (0) 07104-234821, 237919 Fax : 07104-232376  
FDP Email: [ycce-etwcn@gmail.com](mailto:ycce-etwcn@gmail.com)  
Website: <http://www.ycce.edu>



### **Our City & Institute Location:**

Nagpur, popularly known as orange city is located at the center of India and is well connected with all parts of country by rail, road and air. The college is located at about 10 Km from city on the Nagpur-Hingna road at Wanadongri. The institute is located very close to a large industrial estate.

### **About Institution:**

Yeshwantrao Chavan College of Engineering, (YCCE)Nagpur is a premiere technical institution established in 1984 and renowned for engineering education and research for over 32 years. It is the first private engineering institute to acquire "Autonomous Status" in Central India. It has successfully nurtured young engineering professional becoming a sought after destination for students aspiring to achieve higher technical education and placement in the competitive software and core industry. It has been accredited by NAAC with 'A' grade. The institute runs 09 full time under graduate and 7 full time post-graduate programmes. The institute is guided by Academic Advisory Board consisting of eminent academicians from prestigious technical institutes in India and abroad. The institute is having well qualified and experienced faculty members. Faculties from reputed institutes like IIT, NIT, IISc, and DAILCT are invited regularly to deliver expert lectures under visiting professor scheme. YCCE is a partner in various industry academia programmes. The institute is all India Ranked 93<sup>rd</sup> by NIRF, MHRD, Govt. of India and received ISTE Best National Private Engineering College Award.

### **About Department:**

The Department is accredited by National Board of Accreditation. The objective of the department is to provide high quality technical education to meet the needs of the Nation in the present competitive world. The department also provides training and research facilities at the Undergraduate, Post-graduate and Doctoral levels in various areas of Electronics and Telecommunication Engineering with broad emphasis on emerging areas in Communication Engineering, Antenna Design Image Processing and Embedded VLSI Design. It has well qualified and experienced faculty. The labs in the department are well equipped with latest hardware configuration and software facilities.

### **About STTP:**

The STTP is primarily intended for faculty members from Engineering Institutions, Industry persons, PhD and post graduate students from various Institute. The resource persons for the STTP are from IITs, NITs, and other state of repute.

### **STTP Objective:**

The objective of the STTP is to groom the participants for handling research problems, corporate training and consultancy in the concern area. In this direction this is a unique opportunity for the fraternity working on Wireless Communication, Antenna Design and Networking to gain knowledge and hands on pertaining to the latest developments in these areas.

### **Eligibility:**

Faculty from AICTE recognized Engineering colleges, person from industries and other government organizations belonging to any stream.

### **Course Contents:**

- Fundamental of Wireless communication and Networking
- MIMO-OFDM systems
- Antenna Design and analysis
- Wireless Sensor Networks
- Wireless Routers Design
- Cryptography
- VLSI Implementation of Cryptographic Algorithm

### **Expert Speakers:**

- Dr. N.P. Pathak, IIT Roorkee
- Dr. A. S. Gandhi, Professor, VNIT Nagpur
- Dr. P. Singhal, MIT , Gwalior
- Dr. M.A. Gaikwad, Principal, BDCOE, Wardha

### **How to Apply:**

Interested candidates should draw a DD in favor of Principal, Yeshwantrao Chavan College of Engineering, payable at Nagpur and kindly send the scanned copy of registration form and DD to the mail [idd@idinesh.bhoyar23@gmail.com](mailto:idd@idinesh.bhoyar23@gmail.com) on or before 10<sup>th</sup> February 2017.

### **Registration Fees:**

1. For ISTE members 3000/-
2. Non ISTE members 3000+ (ISTE Membership Fees)
3. PG Students 1500

### **Boarding and Lodging:**

Facilities will be made available upon prior request with minimal charges. Participant must inform for the same on or before 10<sup>th</sup> February 2017.





# Industrial Programming Language





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## TABLE OF CONTENTS

C PROGRAMMING LANGUAGE.....	
INTRODUCTION TO PROGRAMMING LANGUAGE.....	10
WHAT IS PROGRAMMING?.....	10
DEVELOPING A SOLUTION LOGICALLY.....	10
PROGRAMMING: THE NEXT STEP AFTER DEVELOPING AN ALGORITHM.....	10
INTRODUCTION TO C PROGRAMMING.....	10
ORIGIN OF C.....	12
WHERE IS C USEFUL?.....	12
WHAT KIND OF LANGUAGE IS C?.....	13
DATA TYPES.....	13
THE INT DATA TYPE.....	13
THE FLOAT DATA TYPE.....	14
THE CHAR DATA TYPE.....	14
VARIABLES & CONSTANTS.....	14
DECLARING VARIABLES IN A C PROGRAM.....	15
STORING DATA IN VARIABLES.....	15
DATA AND INPUT FUNCTIONS.....	16
OPERATORS.....	18
ARITHMETIC OPERATORS.....	18
TYPECASTING.....	20
ASSIGNMENT OPERATORS IN C.....	20
RELATIONAL OPERATORS.....	21
LOGICAL OPERATORS.....	22
EXPRESSIONS AND OPERATOR PRECEDENCE.....	24
CONTROL STRUCTURES.....	25
THE IF STATEMENT.....	25
MULTIPLE STATEMENTS WITHIN IF.....	27
THE IF-ELSE STATEMENT.....	28
NESTED IF-ELSE.....	29
USE OF LOGICAL OPERATORS.....	30
THE ELSE IF CLAUSE.....	31
LOOPING & ITERATION.....	31
LOOPS.....	32
THE WHILE LOOP.....	32
THE FOR LOOP.....	35
NESTING OF LOOPS.....	39
MULTIPLE INITIALISATIONS IN THE FOR LOOP.....	40
THE BREAK STATEMENT.....	40
THE CONTINUE STATEMENT.....	42



THE DO-WHILE LOOP .....	43
DECISIONS USING SWITCH .....	44
FUNCTIONS & POINTERS .....	46
INTRODUCTION TO FUNCTIONS .....	47
PASSING VALUES BETWEEN FUNCTIONS .....	49
SCOPE RULE OF FUNCTIONS .....	50
INTRODUCTION TO POINTERS .....	51
POINTER NOTATION .....	51
ARRAYS .....	56
WHAT ARE ARRAYS .....	56
A SIMPLE PROGRAM USING ARRAY .....	57
ARRAY DECLARATION .....	58
ACCESSING ELEMENTS OF AN ARRAY .....	58
READING DATA FROM AN ARRAY .....	59
ARRAY INITIALISATION .....	59
POINTERS AND ARRAYS .....	61
PASSING AN ENTIRE ARRAY TO A FUNCTION .....	62
TWO DIMENSIONAL ARRAYS .....	63
POINTER TO AN ARRAY .....	67
ARRAY OF POINTERS .....	70
THREE-DIMENSIONAL ARRAY .....	71
WORKING WITH STRINGS .....	71
WHAT ARE STRINGS .....	72
MORE ABOUT STRINGS .....	72
POINTERS AND STRINGS .....	75
STANDARD LIBRARY STRING FUNCTIONS .....	76
STRUCTURES .....	81
WHY USE STRUCTURES .....	82
DECLARING A STRUCTURE .....	83
ACCESSING STRUCTURE ELEMENTS .....	85
HOW STRUCTURE ELEMENTS ARE STORED .....	85
ARRAY OF STRUCTURES .....	86
ADDITIONAL FEATURES OF STRUCTURES .....	87
USES OF STRUCTURES .....	92
FILE HANDLING .....	93
DATA ORGANIZATION .....	93
FILE OPERATIONS .....	94
A FILE-COPY PROGRAM .....	98
WRITING TO A FILE .....	99
FILE OPENING MODES .....	99



STRING (LINE) I/O IN FILES .....	100
THE AWKWARD NEWLINE .....	102
RECORD I/O IN FILES .....	102
DATABASE MANAGEMENT .....	104
PROGRAMMING IN C++ .....	109
INTRODUCTION TO C++ .....	109
OBJECT ORIENTED PROGRAMMING .....	109
INTRODUCTION TO CLASSES AND OBJECTS .....	109
CLASSES V/S PROCEDURAL PROGRAM .....	110
STRUCTURE OF C++ PROGRAM .....	110
COMPONENTS OF C++ PROGRAM .....	111
HEADER FILES .....	111
INT MAIN( ) OR VOID MAIN( ) .....	112
DATA TYPES .....	112
VARIABLES .....	113
SCOPE OF VARIABLES .....	113
OPERATORS .....	114
CONDITIONAL STATEMENTS .....	115
IF STATEMENT .....	115
IF...ELSE STATEMENT .....	115
ITERATION STRUCTURES .....	116
WHILE LOOP STRUCTURE .....	116
DO...WHILE LOOP STRUCTURE .....	117
FOR LOOP STRUCTURE .....	117
SWITCH CASE STRUCTURE .....	118
FUNCTIONS .....	118
INTRODUCTION TO FUNCTIONS .....	118
USER DEFINED FUNCTIONS .....	119
FUNCTION PROTOTYPE AND RETURN STATEMENT .....	120
RETURN STATEMENT .....	122
FUNCTIONS WITH EMPTY PARAMETER LIST .....	125
FUNCTION OVERLOADING .....	125
THE INLINE FUNCTIONS .....	126
CLASSES & OBJECTS .....	127
DECLARATION OF CLASS AND CLASS OBJECTS .....	128
ACCESS SPECIFIERS - PRIVATE, PROTECTED AND PUBLIC .....	130
DEFINING A MEMBER FUNCTION OUTSIDE THE CLASS .....	131
INITIALIZING PRIVATE DATA MEMBERS .....	132
ACCESSING PRIVATE DATA MEMBERS .....	134
CLASS WITH AN ARRAY AS DATA MEMBER .....	135



CLASS WITH AN ARRAY OF STRINGS AS DATA MEMBER .....	136
CLASS CONSTRUCTOR AND DESTRUCTOR FUNCTIONS .....	137
TYPES OF CONSTRUCTORS .....	139
ACCESSING PRIVATE FUNCTION MEMBERS OF A CLASS .....	142
POINTER TO A CLASS .....	143
POINTERS TO OBJECTS OF A CLASS .....	146
POINTERS TO FUNCTION MEMBERS OF A CLASS .....	147
POINTER TO DATA MEMBER OF A CLASS .....	148
STATIC DATA MEMBERS OF A CLASS .....	149
STATIC FUNCTION MEMBER OF A CLASS .....	151
OPERATOR OVERLOADING .....	152
INTRODUCTION TO OPERATOR OVERLOADING .....	152
OPERATORS THAT MAY BE OVERLOADED .....	153
RESTRICTIONS ON OVERLOADED OPERATORS .....	153
OPERATOR OVERLOADING FUNCTIONS .....	153
OVERLOADING FUNCTIONS AND ARGUMENTS .....	154
OPERATOR + DEFINED TO CARRY OUT MINUS OPERATION .....	155
ADDITION OF COMPLEX NUMBERS .....	157
OVERLOADING OF += AND -= OPERATORS .....	157
OVERLOADING OF INSERTION (<<), EXTRACTION (>>) AND /= OPERATORS .....	158
OVERLOADING OF INCREMENT AND DECREMENT OPERATORS (++ AND --) .....	160
OVERLOADING OF EQUALITY OPERATOR (==) .....	162
OVERLOADING OF INDEX OPERATOR [ ] .....	163
INHERITANCE .....	164
INTRODUCTION TO INHERITANCE .....	164
FORMS OF INHERITANCES .....	164
SINGLE PUBLIC INHERITANCE .....	166
SINGLE PROTECTED INHERITANCE .....	170
SINGLE PRIVATE INHERITANCE .....	171
MULTIPLE INHERITANCE .....	171
MULTILEVEL INHERITANCE .....	173
CONSTRUCTORS AND DESTRUCTORS IN INHERITANCE .....	175
POLYMORPHISM .....	178
VIRTUAL FUNCTIONS .....	178
ARRAYS OF BASE CLASS POINTERS .....	184
EXCEPTION HANDLING .....	185
INTRODUCTION .....	185
THE TRY, THROW AND CATCH .....	186
CATCH ALL TYPES OF EXCEPTIONS .....	192
EXCEPTION HANDLING FUNCTION .....	193



EXCEPTION SPECIFICATION.....	195
RETHROW AN EXCEPTION.....	196
C++ STANDARD LIBRARY EXCEPTION CLASSES.....	195
FUNCTION TERMINATE() AND SET_TERMINATE().....	202
FUNCTION UNEXPECTED() AND SET_UNEXPECTED().....	203
DATA STRUCTURE USING C PROGRAMMING.....	204
INTRODUCTION.....	204
CHARACTERISTICS OF A DATA STRUCTURE.....	204
NEED FOR DATA STRUCTURE.....	204
BASIC TERMINOLOGY.....	205
ALGORITHMS – BASICS.....	205
CHARACTERISTICS OF AN ALGORITHM.....	205
HOW TO WRITE AN ALGORITHM?.....	206
ALGORITHM COMPLEXITY.....	207
SPACE COMPLEXITY.....	207
TIME COMPLEXITY.....	207
ASYMPTOTIC ANALYSIS.....	208
ASYMPTOTIC NOTATIONS.....	208
DATA STRUCTURE BASIC CONCEPTS.....	209
DATA DEFINITION.....	209
DATA OBJECT.....	210
DATA TYPE.....	210
BASIC OPERATIONS.....	210
ARRAYS.....	211
ARRAY REPRESENTATION.....	211
BASIC OPERATIONS.....	212
INSERTION OPERATION.....	212
ARRAY INSERTIONS.....	213
DELETION OPERATION.....	219
SEARCH OPERATION.....	220
UPDATE OPERATION.....	221
LINKED LIST.....	223
LINKED LIST REPRESENTATION.....	223
TYPES OF LINKED LIST.....	223
BASIC OPERATIONS.....	223
INSERTION OPERATION.....	224
DELETION OPERATION.....	225
REVERSE OPERATION.....	226
LINKED LIST PROGRAM IN C.....	227
DOUBLY LINKED LIST.....	232

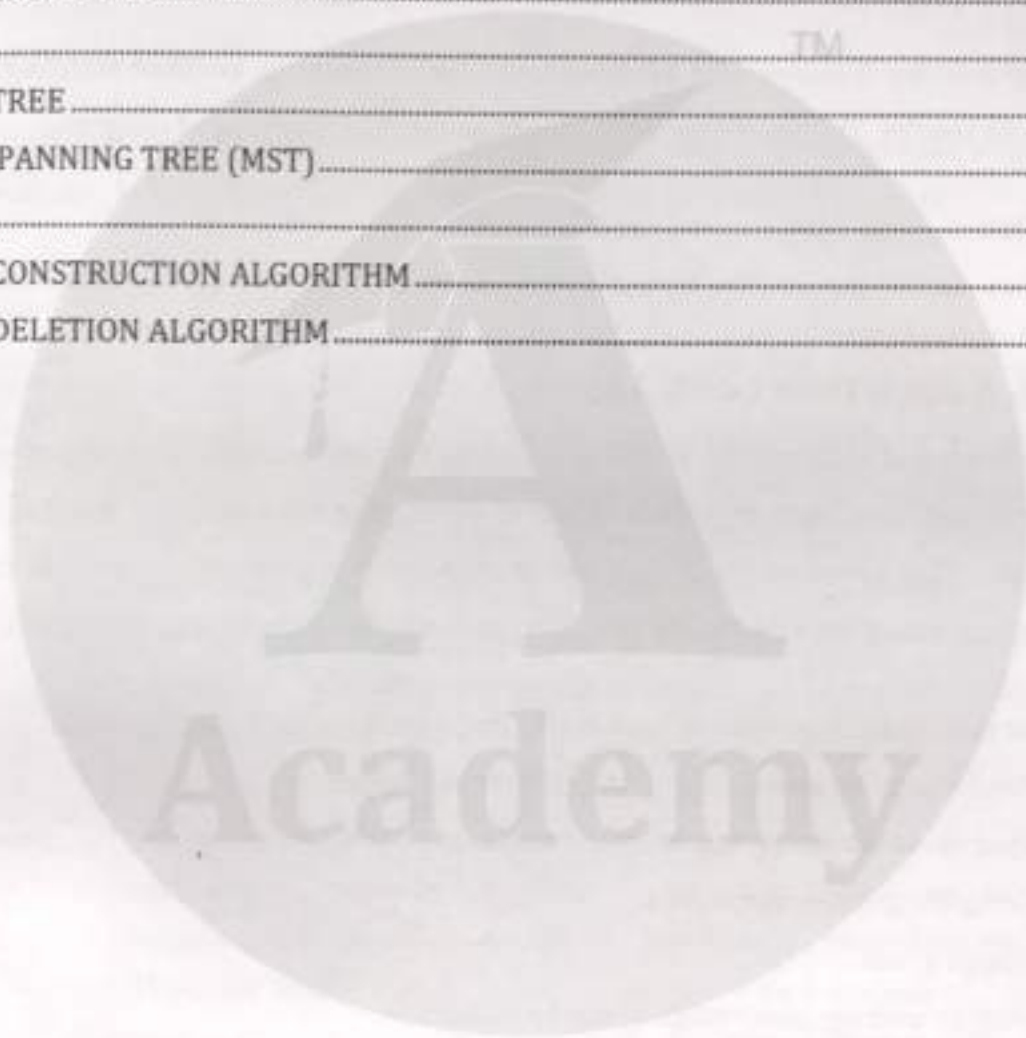


DOUBLY LINKED LIST REPRESENTATION .....	232
BASIC OPERATIONS.....	232
INSERTION OPERATION.....	233
DELETION OPERATION.....	233
DOUBLY LINKED LIST PROGRAM IN C.....	234
CIRCULAR LINKED LIST .....	238
SINGLY LINKED LIST AS CIRCULAR.....	239
DOUBLY LINKED LIST AS CIRCULAR .....	239
BASIC OPERATIONS.....	239
INSERTION OPERATION.....	239
DELETION OPERATION.....	240
DISPLAY LIST OPERATION .....	240
CIRCULAR LINKED LIST PROGRAM IN C.....	240
STACK & QUEUE.....	243
STACK INTRODUCTION .....	243
STACK REPRESENTATION.....	243
BASIC OPERATIONS.....	243
PUSH OPERATION .....	245
POP OPERATION .....	246
STACK PROGRAM IN C.....	248
EXPRESSION PARSING .....	249
PARSING EXPRESSIONS.....	250
ASSOCIATIVITY.....	251
POSTFIX EVALUATION ALGORITHM .....	251
EXPRESSION PARSING USING STACK.....	251
QUEUE INTRODUCTION.....	255
QUEUE REPRESENTATION.....	255
BASIC OPERATIONS.....	255
ENQUEUE OPERATION.....	257
DEQUEUE OPERATION.....	258
QUEUE PROGRAM IN C.....	259
SEARCHING.....	261
LINEAR SEARCH.....	261
BINARY SEARCH.....	263
INTERPOLATION SEARCH .....	268
HASHING.....	272
INTRODUCTION TO HASHING.....	272
LINEAR PROBING .....	273
BASIC OPERATIONS.....	273
DATA ITEM.....	273

HASH METHOD.....	273
SEARCH OPERATION.....	274
INSERT OPERATION.....	274
DELETE OPERATION.....	275
HASH TABLE PROGRAM IN C.....	275
SORTING.....	275
IN-PLACE SORTING AND NOT-IN-PLACE SORTING.....	278
STABLE AND NOT STABLE SORTING.....	278
ADAPTIVE AND NON-ADAPTIVE SORTING ALGORITHM.....	278
BUBBLE SORT.....	279
HOW BUBBLE SORT WORKS?.....	280
IMPLEMENTATION.....	280
INSERTION SORT.....	284
HOW INSERTION SORT WORKS?.....	286
INSERTION SORT PROGRAM IN C.....	286
SELECTION SORT.....	289
HOW SELECTION SORT WORKS?.....	291
SELECTION SORT PROGRAM IN C.....	291
MERGE SORT.....	294
HOW MERGE SORT WORKS?.....	296
MERGE SORT PROGRAM IN C.....	296
SHELL SORT.....	298
HOW SHELL SORT WORKS?.....	299
SHELL SORT PROGRAM IN C.....	299
QUICK SORT.....	302
PARTITION IN QUICK SORT.....	304
QUICK SORT PIVOT ALGORITHM.....	304
QUICK SORT PIVOT PSEUDOCODE.....	305
QUICK SORT PROGRAM IN C.....	305
GRAPHS.....	306
GRAPH DATA STRUCTURE.....	309
BASIC OPERATIONS.....	309
DEPTH FIRST TRAVERSAL.....	310
DEPTH FIRST TRAVERSAL IN C.....	310
BREADTH FIRST TRAVERSAL.....	313
BREADTH FIRST TRAVERSAL IN C.....	316
TREE DATA STRUCTURES.....	318
IMPORTANT TERMS.....	321
BINARY SEARCH TREE REPRESENTATION.....	322
BST BASIC OPERATIONS.....	322
	323



INSERT OPERATION.....	323
SEARCH OPERATION.....	325
TREE TRAVERSAL IN C.....	326
TREE TRAVERSAL.....	329
IN-ORDER TRAVERSAL.....	329
PRE-ORDER TRAVERSAL.....	330
POST-ORDER TRAVERSAL.....	331
TREE TRAVERSAL IN C.....	332
BINARY SEARCH TREE.....	335
AVL TREES.....	337
SPANNING TREE.....	342
MINIMUM SPANNING TREE (MST).....	344
HEAPS.....	351
MAX HEAP CONSTRUCTION ALGORITHM.....	352
MAX HEAP DELETION ALGORITHM.....	352





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**Functional English V**



# Manual 5

<b>Contents</b>	<b>Pg. No.</b>
1) Greeting and Introduction	1 - 3
2) Welcoming visitors	4 - 5
3) Films & Movie	6 - 9
4) Talking about Sport & Leisure	10 - 12
5) Narrating Stories	13 - 23
6) Mad Ads	24 - 27
7) Creative & Content Writing	28 - 36
8) Letter / E-Mail Writing	37 - 44
9) Handling High Pressure situations	45 - 46
10) Responding in impromptu situations	47 - 49
11) Swot Analysis	50 - 56
12) Politics & Nations	57 - 64
13) Economics	65 - 68
14) Business & Success Stories	69 - 80
15) Creativity	81 - 90
16) Technology with Jargons	91 - 104
17) Theatre	105 - 115
18) Self Assessment	116 - 118



# **Functional English I**



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# Manual 1

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<b>Contents</b>	<b>Page</b>
1. Greetings and Introduction	1 - 3
2. Welcoming Visitors	4 - 5
3. Offer, Request, Apology, Gratitude	6 - 10
4. Telephone Etiquette	11 - 12
5. Family Vocabulary	13 - 17
6. Habits and Routines	18 - 20
7. Talking about Past	21 - 25
8. Wishes and Future Plans	26 - 29
9. Describing Food Places and People	30 - 31
10. Describing appearance and physical trait	32 - 32
11. Describing self and people	33 - 36
12. Telling Directions	37 - 42
13. Job and occupation	43 - 47
14. Film and Movies	48 - 51
15. Talking about sports and leisure	52 - 54
16. Business Writing	55 - 65
17. Making Appointments	66 - 68
18. Interaction at Bank and Hospitals	69 - 71
19. Festivals and Celebrations	72 - 74
20. Talking about likes and Dislikes	75 - 77
21. Idioms, Phrases and Quotes	78 - 82
22. Narrating Stories	83 - 92



**Advanced Get Set GO**



# ADVANCED GET SET GO

## MEGHE FINISHING SCHOOL

Participant Manual



## Program Focus

Increase Self Confidence

Get Self-direction

Attain Attitude control

Effective Communication

Maintain Professional image

"Practice means to perform, over and over again in the face of all obstacles, some act of vision, of faith, of desire. Practice is a means of inviting the perfection desired."

Martha Graham





**Academy**



**ADCC**  
**Academy**



**Get Set GO**

# GET SET GO...

## HESSIE FINISHING SCHOOL

Participant Manual



Get.....Ready

Set.....Goals

Go.....with confidence





## **Program Focus**

Increase Self Confidence

Improve Interpersonal Skills

Impactful Communication

Inculcate Leadership Skills

Immersing Positive Attitude

*Twenty years from now you will be more disappointed by the things that you didn't do than by the ones you did do. So throw off the bowlines. Sail away from the safe harbour. Catch the trade winds in your sails. Explore. Dream. Discover.*

**-Mark Twain**



# ***DATA INTERPRETATION & LOGICAL REASONING***

**Course Material for Aptitude Development**



# CONTENTS

<u>Sr. No.</u>	<u>CHAPTER NAME</u>	<u>Pg. No.</u>
1.	ORIENTATION TO DATA INTERPRETATION	01
2.	ORIENTATION TO LOGICAL REASONING	14
3.	DI-LINE GRAPH AND PIE CHART	28
4.	LR-DATA ARRANGEMENT & LOGICAL PUZZLES	35
5.	BAR GRAPHS & TABLES	50
6.	LR-DIRECTION, SYLLOGISMS & BLOOD RELATIONS	59
7.	LR-MISCELLANEOUS	82
8.	LR-VENN DIAGRAM, MATHEMATICAL OPERATIONS & CODING DECODING	97
9.	DATA SUFFICIENCY	106
10.	LR-CUBES & NUMBER SERIES	123
11.	SELECTION DECISION TABLE	141
12.	VERBAL ANALOGY	171
13.	DILR PRACTICE TESTS	210



# QUANTITATIVE APTITUDE

Course Material for Aptitude Development



# CONTENTS

1)	Introduction to Vedic Mathematics	01
2)	Introduction to Number System	19
3)	Advanced Number System	39
4)	Averages, Percentages & Interest	72
5)	Ratio, Proportion, Variation and Mixture	90
6)	Profit & Loss, Discount and Partnership	137
7)	Work & Time and Pipes & Cisterns	159
8)	Time, Speed & Distance	181
9)	Geometry-Lines, Angles & Triangles	206
10)	Mensuration 2D & 3D	224
11)	Progressions	275
12)	Permutations & Combinations	300
13)	Probability	316
14)	Calendars	336
15)	Quantitative Test 1 & Analysis	347
16)	Quantitative Test 2 & Analysis	357
17)	Quantitative Test 3 1 & Analysis	371