



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

NAAC Accredited with 'A' Grade

Ph.: 07104-242919, 242623, 242588

Website : www.ycce.edu E-mail : principal@ycce.edu


## Summary

### 1.3.2 Number of value-added courses for imparting transferable and life skills offered during last five years

Year	2020-21	2019-20	2018-19	2017-18	2016-17
Total	25	22	20	20	15

- Brochure/ other document relating to value added courses
- Notice regarding VAC
- Department wise Report of VAC
- Training programme schedule of VAC




  
(Dr. U.P. Waghe)  
Principal, Y.C.C.E.  
Principal  
Yeshwantrao Chavan  
College of Engineering  
Wanadongri Hingna Road,  
NAGPUR-441110

1.3.2 List of value-added courses for imparting transferable and life skills offered

(2020-21)	
Sr.No.	Name of the value added courses
1	Value Added Course on AutoCAD
2	Value Added Course on Smart Steel Structure Design
3	Value Added Course on MICROSOFT PROJECT
4	Value Added Course on Building Information Modelling
5	Value Added Course on Design Concept of Offshore Structure
6	DST Sponsored Two weeks Training Program On "Technology Based Entrepreneurship Development Programme (TEDP) (Through online platform)
7	CNC Programming, Additive Manufacturing and Computer-Aided Manufacturing using NX-CAM
8	AICTE AQIS sponsored STTP on "Advances in Additive Manufacturing " Phase 1
9	AICTE AQIS sponsored STTP on "Advances in Additive Manufacturing " Phase 2
10	AICTE AQIS sponsored STTP on "Advances in Additive Manufacturing " Phase 3
11	"IoT Programming"
12	One Week Online Student Development Programme On " C and CPP "
13	Python Programming and its application
14	Python Programming , its application & Data science
15	Basics of Arduino
16	ISTE Student development program on "Advances in Embedded systems and IoT"
17	Six days Value Added Course on "Design, fabrication and Testing of Antenna and Design issue in Modern Antenna"
18	Certificate course in Applications of AI, ML and Data Science
19	Technology Awareness for Resume Building
20	SalesForce CRM
21	Campus Recruitment Training
22	Presenter In Me
23	Advanced Get Set Go
24	Industrial Programming Language
25	Functional English



  
**Principal**  
 Yeshwantrao Chavan  
 College of Engineering  
 Wanadongri Hingna Road,  
 NAGPUR-441110

  
**Dean (Acad)**  
 Yeshwantrao Chavan  
 College of Engineering  
 Wanadongri Hingna Road  
 NAGPUR - 441 110



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

## DEPARTMENT OF CIVIL ENGINEERING

Date: - 28/09/2020

### NOTICE

#### III Sem. B.E. Civil

It gives us immense pleasure to announce that Department of Civil Engineering, Yeshwantrao Chavan College of Engineering, Nagpur organizing a Value Aided Course on "3D Modeling by AutoCAD"

All interested students of 2nd year Civil Engineering is invited to fill the registration form of the course.

<https://forms.gle/LqcGikFPPSGAbCvh8>

Registration is completely based on first come first basis.

Total Duration of course is 15 Hrs

Schedule of classes is conveyed after the registration.

After completion of course. Students having attendance more than 80% get the certificates.

**Dr. V. G. Meshram**  
Head, CE Dept, YCCE





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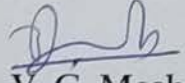
Ph.: 07104-237919, 234623, 329249, 329250 Fax: 07104-232376, Website: www.ycce.edu

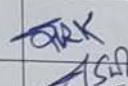
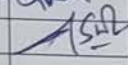


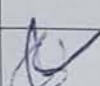
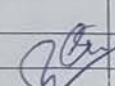
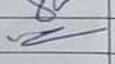
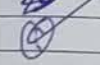
## DEPARTMENT OF CIVIL ENGINEERING

Date:28/09/2020

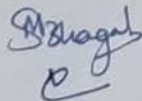
### NOTICE

All the teaching and non-teaching staff hereby informed that there is online Value-aided course being organized by Civil Engineering Department on "3D Modeling by AutoCAD " by Mr. Sagar Deogirkar. All the interested staff are requested to attend the same by joining the Google meet link.

  
Dr. V. G. Meshram  
Head, CE Dept, YCCE

S.N.	Name	Signature	S.N.	Name	Signature
1	Dr. Udaykumar P. Waghe		22	Mr. PrashantBaban Pande	
2	Dr. AnantManohar Pande		23	Mr. AtulSambhuji Kurzekar	
3	Dr. SantanuRamkrishna Khandeshwar		24	Mr. VivekDnyandeo Jayale	
4	Dr. SudhirVasantrao Ambekar		25	Mr. HarshalMadhukar Warade	
5	Dr. AbhayVinayakrao Patil		26	Ms. PallaviShalikram Chakole	
6	Dr. Vilas Ganuji Meshram		27	Ms. SnehalKarunkumar Kamble	
7	Dr. Ajay Ramdas Gajbhiye		28	Mr. Sourabh Mahesh Amrodiya	
8	Mr. RajendraSureshbabu Deotale		29	Mr. SanketGajanan Kalamkar	
9	Dr. RajendraRupraoji Dighade		30	Mr. SagarWasudeo Dhengare	
10	Mr. Sanjay Manohar Waghmare		31	Ms. MonaliRewashankar Wagh (Nikhade)	
11	Mr. BhupeshPurshottam Nandurkar		32	Mr. YogeshPrabhakar Kherde	
12	Dr. Sanjay Padmakar Raut		33	Ms. SnehaGowardhan Hirekhan (Wankhede)	
13	Ms. VaishaliNilesh Mendhe (Bhadke)		34	Mr. Rajesh Madhukar Bhagat	
14	Ms. CharutaSubhash Waghmare		35	Aziz Ahmad MohdGhous	
15	Mr. Khalid Shamim Ansari		36	PrakashHarichandra Lute	
16	Mr. HarshalRameshrao Nikhade		37	YeshwantNanaji Choudhary	
17	Mr. JayantManohar Raut		38	Ashok Gunderao Warhade	
18	Mr. Dhiraj Giridharilal Agrawal		39	ShyamGanpati Parate (Shahir)	
19	Mr. PawanKeshao Rao Hinge		40	SushilMaratarao Gadge	
20	Ms. AmrutaArun Yadav (Adekar)		41	DvpratapSankthaprasad Tiwari	
21	Ms. SangitaShivcharan Meshram		42	RavindraShankarao Mahabudhe	

Dr. M. S. Bhagat  
y. keti





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## DEPARTMENT OF CIVIL ENGINEERING

### Value Aided Course on "3D Modeling by AutoCAD"

3/10 -1st Saturday (5 hr)

10/10-2nd Saturday (5 hr)

24/10-3rd Saturday (5 hr)

**Speaker:** - **Mr. Sagar Deogirkar**

**Designation:**- CENTRE HEAD (Development  
and Design and analysis),CADD  
CENTRE,NAGPUR

- Introduction of Mr. Sagar Deogirkar by Prof. Khalid Ansari.
- Welcome to Mr. Sagar Deogirkar by Prof. Sanket Kalamkar.
- Session by Mr. Sagar Deogirkar.
- Q and A Session.
- Vote of Thanks by Prof. Khalid Ansari.





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## Department of Civil Engineering

### Report on Value Aided Course on "3D Modeling by AutoCAD" dated 03, 10, & 24 October 2020

This Online Value Aided Course on "3D Modeling by AutoCAD" was an attempt to enlighten the students to software world. Mr. Sagar Deogirkar, Currently working as CENTRE HEAD (Development and Design and analysis), CADD CENTRE, NAGPUR, shares his experience with students and also gave the students a realistic view of the software world. Mr. Sagar Deogirkar is a dynamic professional with 7 Years experience in Structural and Mechanical parts Design and Development, Engineering change Management, Bill of material (BOM) & New Product Launches, Material Planning and Obsolesces Control. He also guided the students regarding the lessons he learnt as fresh graduate just out of college and how he dealt with the difficulties he faced. He shared his experiences with his job and the philosophies he learnt throughout his career during the sessions.

The objectives of this Value Aided Course on "3D Modeling by AutoCAD" are to get aware students about basic choice: work or further study. But even within those there are number of paths, so it is important to figure out which fits with where one want to go in life. He emphasized that job prospects may be best for those who stay informed regarding the most recent advances in technology. Civil engineers can work in many industries. As a result, their growth rate will differ by the industries that employ them.

### The detail schedule for the VAC is given below:3D

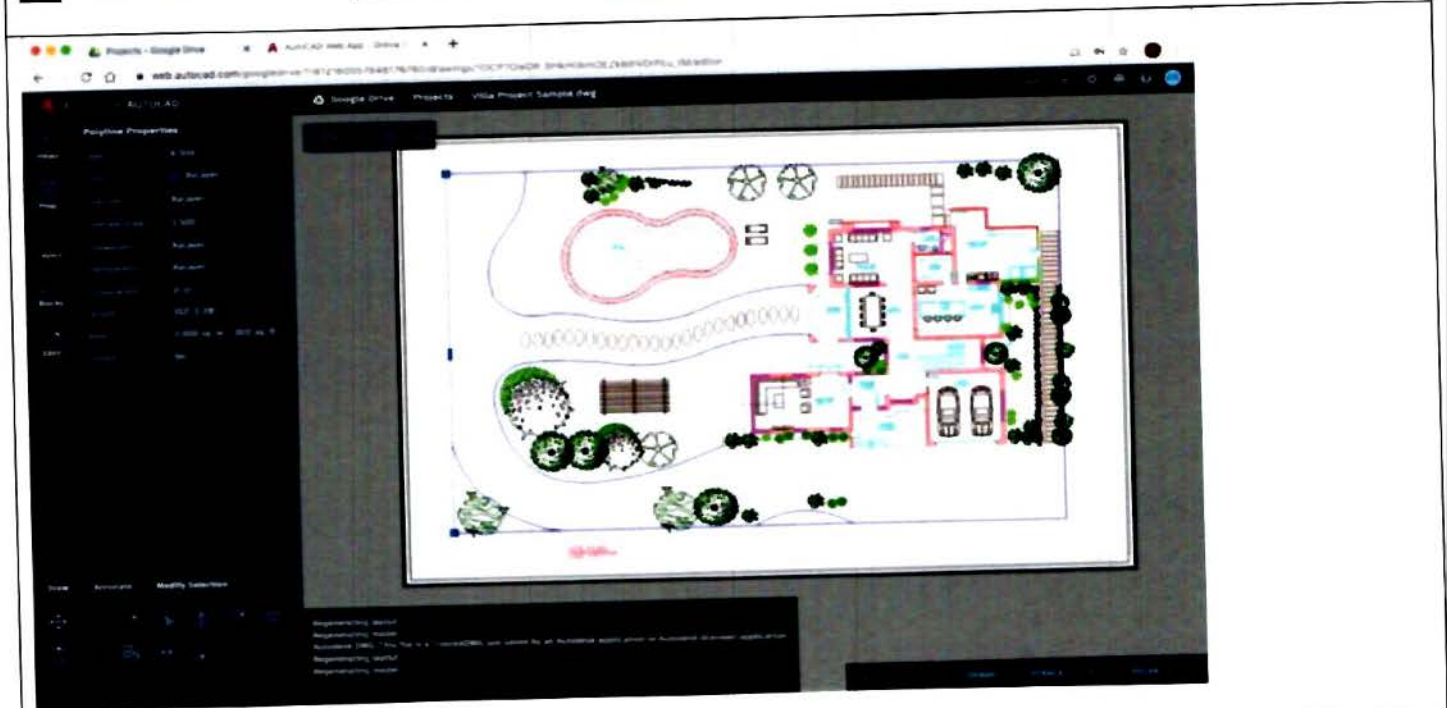
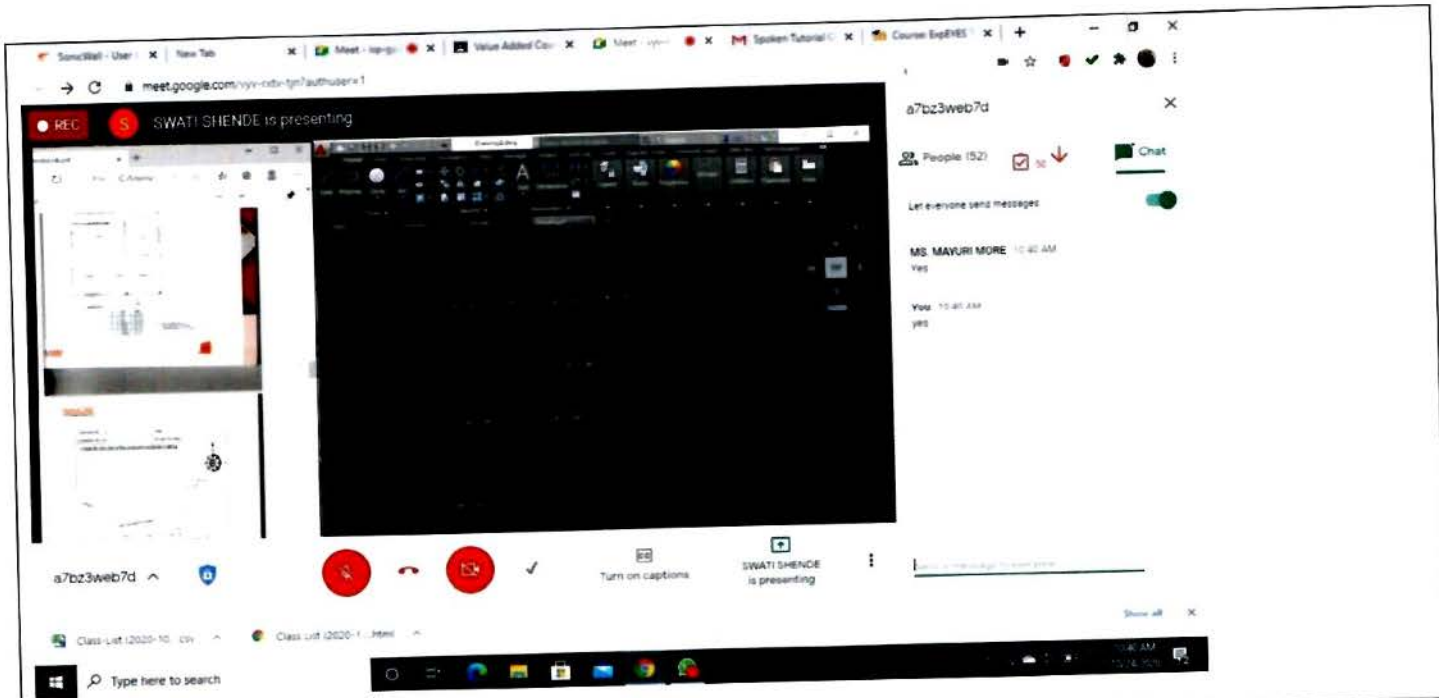
	<b>Modeling by AutoCAD Total Duration : 15 hrs</b>
<b>HR 1</b>	<ul style="list-style-type: none"><li>• About CADD centre</li><li>• Introduction to Engineering Drawings<ul style="list-style-type: none"><li>◦ Projections (First &amp;Third angle)</li><li>◦ Views (Orthographic, Isometric &amp; Perspective)</li></ul></li><li>• Introduction to AutoCAD<ul style="list-style-type: none"><li>◦ History</li><li>◦ Exploring GUI</li><li>◦ Workspaces</li></ul></li></ul>
<b>HR 2</b>	<ul style="list-style-type: none"><li>• Co-ordinate systems</li><li>• Orthographic Views<ul style="list-style-type: none"><li>◦ Drawing settings - Units,Limits</li><li>◦ Drawing Tools: Line, Circle, Arc, Ellipse, Donut, Polygon, Rectangle</li></ul></li></ul>
<b>HR 3</b>	<ul style="list-style-type: none"><li>• Modify Tools: Erase, Oops,Undo, Redo, Explode, Move, Copy, Rotate, Mirror, Array, Align, Scale,Stretch, Lengthen, Trim, Extend, Break, Join,Chamfer, Fillet</li></ul>
<b>HR 4</b>	<ul style="list-style-type: none"><li>• File Management - New, Qnew, Open, Save, Save as, Close, Exit, Quit</li><li>• <b>Mini Project 1 - OrthographicViews</b></li></ul>
<b>HR 5</b>	<ul style="list-style-type: none"><li>• Drawing Tools: Multiline, Pline, Spline, Xline, Ray, Wipeout, Revise cloud</li><li>• Modify Tools: Mlstyle,Mledit, Pedit, Splinedit</li></ul>
<b>HR6</b>	<ul style="list-style-type: none"><li>• Grip Editing</li><li>• Display Control: Zoom, Pan, Redraw, Regen, Clean Screen, Steering wheels</li><li>• Object Properties: Color,Linetype, Ltyscale, Lineweight, Properties, Matchprop</li></ul>
<b>HR7</b>	<ul style="list-style-type: none"><li>• Parametric Modeling: Geometric Constraint, Dimensional Constraint</li><li>• Action Recorder, Design Centre, Tool Palette</li></ul>

The number of students registered for the programme **reached about 96**. The student delegates were very enthusiastic and also had given their best for the success of the programme.

Mr. K.S. Ansari

Dr. V.G. Meshram

**Department of Civil Engineering**



**Mr. Sagar Deogirkar presenting AutoCAD drawing**

*MS  
Anand Anand*

*VG  
(VGMashram)*





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## DEPARTMENT OF CIVIL ENGINEERING

# CERTIFICATE

This is to certify that Mr. / Ms. ....  
has successful attended 15 Hrs Value Aided Course on "AutoCAD" by Mr. Sagar Deogirkar Organized by Department of Civil Engineering, Yeshwantrao Chavan College of Engineering, Nagpur held on 03<sup>rd</sup>, 10<sup>th</sup> & 24<sup>th</sup> October 2020.

*This certificate is issued for his / her participation & excellent interaction during the Course.*

Dr. V. G. Meshram  
Convener

Prof. Khalid Ansari  
Co-Ordinator

Prof S. G. Kalamkar  
Co-Ordinator



Nagar YuwakShikshanSanstha's  
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## DEPARTMENT OF CIVIL ENGINEERING

Date: - 17/02/2021

### NOTICE

### VI & VIII Sem. B.E. Civil

It gives us immense pleasure to announce that Department of Civil Engineering, Yeshwantrao Chavan College of Engineering, Nagpur organizing a Value Aided Course on "Smart Steel Structure Design"

All students of 3<sup>rd</sup> and 4<sup>th</sup> year Civil Engineering are invited to fill the registration form of the course.

<https://forms.gle/rf1suJTHUwVKZRav8>

Registration is compulsory for 3<sup>rd</sup> and 4<sup>th</sup> year.

Total Duration of course is 15 Hrs.

Schedule of classes:

Dates 20, 21, & 28 Feb 2021

After completion of course. Students having attendance more than 80% get the certificates.

**Dr. V. G. Meshram**  
Head, CE Dept, YCCE





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

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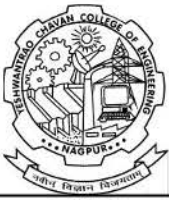
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**DEPARTMENT OF CIVIL ENGINEERING**

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Schedule of the Program day wise (5 hrs each day)

DATE	CONTENT
20/02/2021	CONNECTION- SIMPLE AND ECCENTRIC
21/02/2021	DESIGN OF TENSION AND COMPRESSION MEMBER
28/02/2021	SLAB BASE, COLUMN BASE, PLASTIC ANALYSIS FOR BEAM AND FRAME



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## DEPARTMENT OF CIVIL ENGINEERING

### Report on Value Added Course on Smart Steel Structure Design 20,21& 28 Feb. 2021 (15 hrs. Duration)

The scope of Smart Steel Structure Design is an ever-changing, ever-growing tool for making activities and tasks easier to complete. With the support of IE (I) Students Chapter, Department of Civil Engineering Organized Value-Added Program/Course on Smart Steel Structure Design for VI Semester Students by GATEFORUM.

The programme is chaired and inaugurated online by Dr. A.R. Gajbhiye, Student Activity In charge, Prof. V.D. Jayale, Prof. S.W. Dhengare, Prof. K.S. Ansari, Prof. S.G. Kalamkar,

The course was aimed at understanding Smart Steel Structure Design which is advance level course for design and analysis. Firstly, Dr. A. R. Gajbhiye welcomed all. He motivated Student by explaining importance of Revit in current era to minimize cost overrun and time over run and these could be possible with the use of Revit tools.

Er. R.D. Saini Faculty from GATEFORUM addresses the students about significance of the Smart Steel Structure Design in current era. Faculty from GATEFORUM center started the session by introducing the course to the students and its huge implications in the corporate sector. He explored the basic concepts and other similar courses. The training enabled the participants to learn the design and analysis.

The program concluded with valedictory session with Question Answer Session. The concluding remarks were given by Prof. V.D. Jayale. **101 Students** from VI Semester (A, B & C Section) of B.E Civil Engineering Students participated in this Program gave positive encouraging feedback.

#### Schedule of the Program day wise (5 hrs each day)

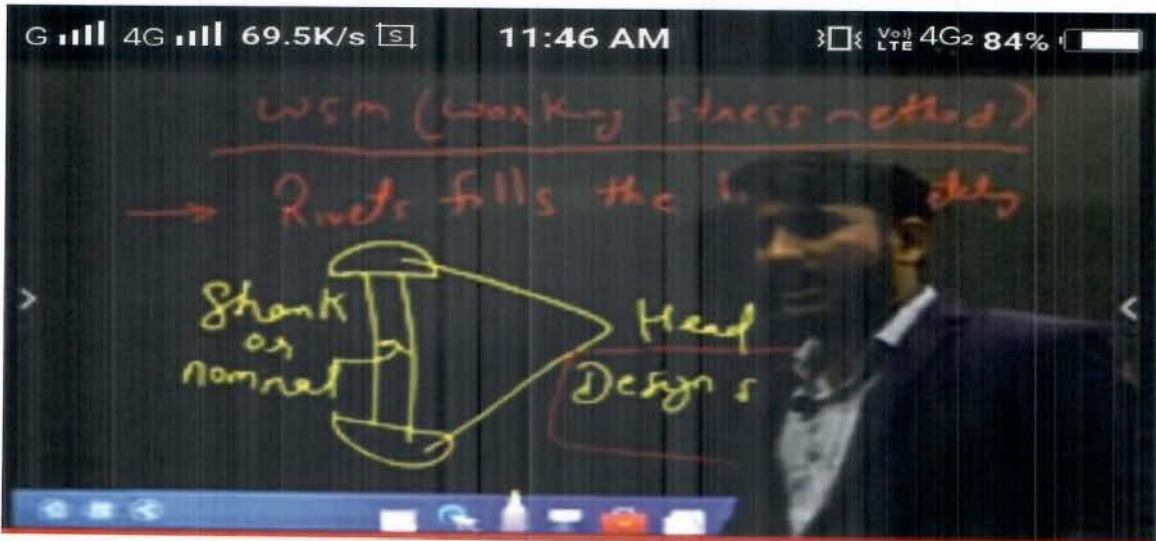
DATE	CONTENT
20/02/2021	Frame Building Plate girder
21/02/2021	Steel archer bridge
28/02/2021	Industrial buildings Transmission line towers



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**DEPARTMENT OF CIVIL ENGINEERING**



**Live chat**

Top chat 18

11:42 AM **Vivek Jayale** good Afternoon Sir

11:44 AM **Vivek Jayale** yes sir

11:44 AM **Rushikesh Hiwanj** yes

11:46 AM **Sagar Dhengare** Yes Sir



Welcome to live chat! Remember to guard your privacy and abide by our community guidelines.

[LEARN MORE](#)



Chat publicly as Sagar Dhengare...

*S.W. Dhengare*

**Er. R.D. Saini** is delivering Lecture on Steel Structure

*(VGMeshrum)*  
**Head**

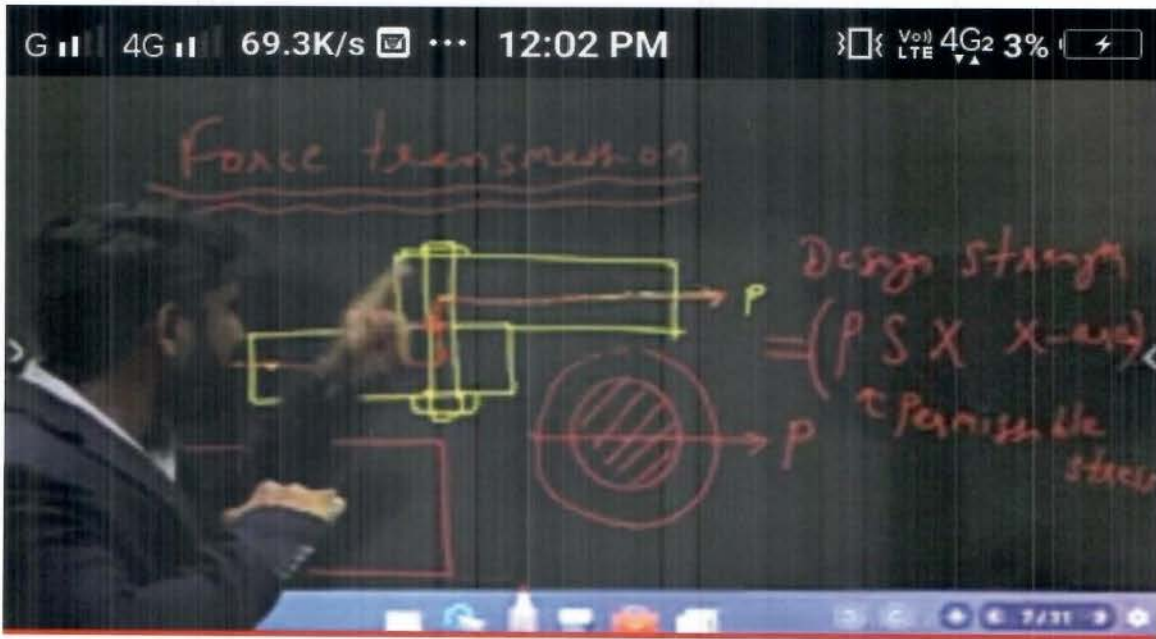
Department of Civil Engineering  
Y. C. College of Engineering  
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**DEPARTMENT OF CIVIL ENGINEERING**



**Live chat**

Top chat 73

- 11:53 AM **atharva yerne** yes
- 11:53 AM **Radhika Shrawankar** yes
- 11:53 AM **Samiksha Choudhari** samiksha choudhari  
yes sir
- 11:53 AM **MS. KRUTIKA BHILE** yes sir
- 11:53 AM **Eshan Ramdohlar** Yes sir
- 11:53 AM **vaidehi wasalwar** yes
- 11:53 AM **Rushikesh Hiwanj** yes
- 11:54 AM **Shreyas Ramteke** yes sir

*Sagar Dhengare*

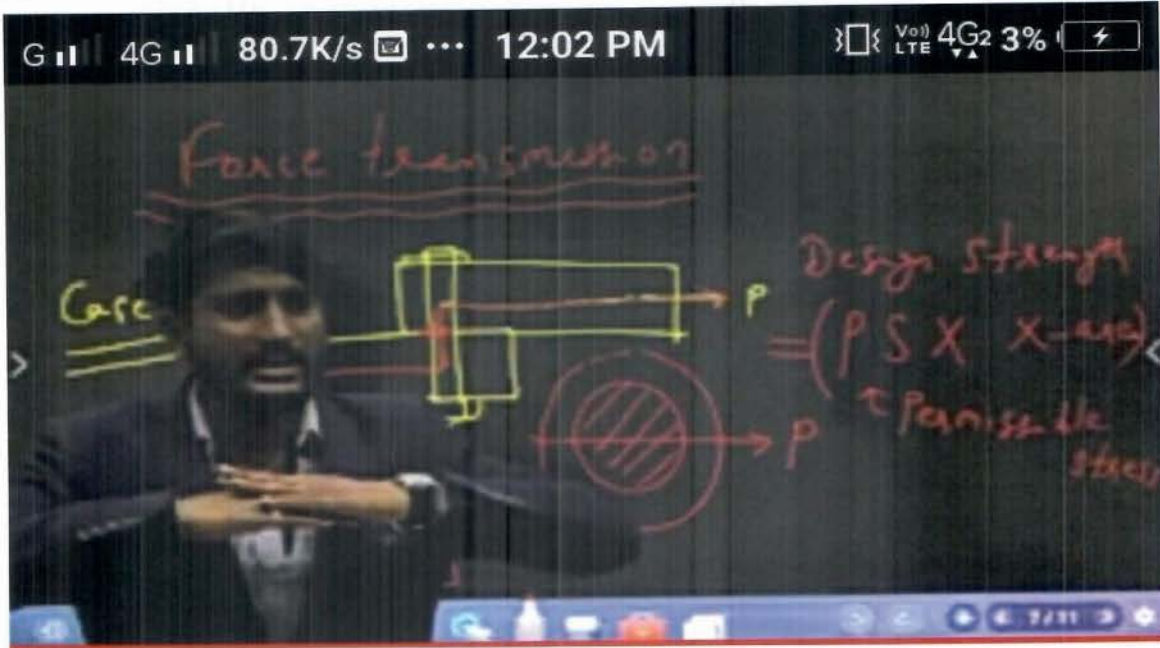
Chat publicly as Sagar Dhengare...

**Head**  
Department of Civil Engineering  
Y. C. College of Engineering  
NAGPUR-441 110

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**DEPARTMENT OF CIVIL ENGINEERING**



**Live chat**

Top chat 73

- 11:53 AM **atharva yerne** yes
- 11:53 AM **Radhika Shrawankar** yes
- 11:53 AM **Samiksha Choudhari** samiksha choudhari  
yes sir
- 11:53 AM **MS. KRUTIKA BHILE** yes sir
- 11:53 AM **Eshan Ramdohlar** Yes sir
- 11:53 AM **vaidehi wasalwar** yes
- 11:53 AM **Rushikesh Hiwanj** yes
- 11:54 AM **Shreyas Ramteke** yes sir

*S. W. Dhengare*

*(Dr. V. G. Meshram)*

Chat publicly as Sagar Dhengare...

**Head**  
Department of Civil Engineering  
V. C. College of Engineering  
NAGPUR-441 110





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**CERTIFICATE**

This is to certify that Mr. / Ms. ....  
has successful attended 15 Hrs Value Aided Course on "Smart Steel Structure Design"  
by Er. Ramdan Saini Organized by Department of Civil Engineering, Yeshwantrao  
Chavan College of Engineering, Nagpur held on 20<sup>th</sup>, 21<sup>st</sup> & 28<sup>th</sup> February 2021.

*This certificate is issued for his / her participation & excellent interaction during the  
Course.*

Dr. V. G. Meshram  
Convener

Prof. V.D.Jayale  
Co-Ordinator

Prof S. W. Dhengare  
Co-Ordinator





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## DEPARTMENT OF CIVIL ENGINEERING

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Date: - 02/02/2021

### NOTICE

#### VIII Sem. B.E. Civil

It gives us immense pleasure to announce that the Department of Civil Engineering, Yeshwantrao Chavan College of Engineering, Nagpur is organizing a Value-Added Course on " MICROSOFT PROJECT".

All interested students of 4<sup>th</sup> year Civil Engineering are instructed to register themselves with Prof. Dhiraj Agrawal

Total Duration of the course is 30 Hrs

The Schedule of classes will be conveyed after the registration.

After completion of course. Students having attendance more than 70% will get the certificates.

Dr. V.G. Meshram  
Head, CE Dept, YCCE



## DEPARTMENT OF CIVIL ENGINEERING

Date:02/02/2021

### NOTICE

All the teaching and non-teaching staff hereby informed that Value-added course is being organized by Civil Engineering Department on "Microsoft Project" by Er. Sagar Deogirkar All the interested staff is requested to attend the same.

  
**Dr. V.G. Meshram**  
Head, CE Dept, YCCE

S.N.	Name	Signature	S.N.	Name	Signature
1	Dr. Udaykumar P. Waghe		22	Mr. PrashantBaban Pande	
2	Dr. AnantManohar Pande		23	Mr. AtulSambhuji Kurzekar	
3	Dr. SantanuRamkrishna Khandeshwar		24	Mr. VivekDnyandeo Jayale	
4	Dr. SudhirVasantrao Ambekar		25	Mr. HarshalMadhukar Warade	
5	Dr. AbhayVinayakrao Patil		26	Ms. PallaviShalikram Chakole	
6	Dr. Vilas Ganuji Meshram		27	Ms. SnehalKarunkumar Kamble	
7	Dr. Ajay Ramdas Gajbhiye		28	Mr. Sourabh Mahesh Amrodiya	
8	Mr. RajendraSureshbabu Deotale		29	Mr. SanketGajanan Kalamkar	
9	Dr. RajendraRupraoji Dighade		30	Mr. SagarWasudeo Dhengare	
10	Mr. Sanjay Manohar Waghmare		31	Ms. MonaliRewashankar Wagh (Nikhade)	
11	Mr. BhupeshPurshottam Nandurkar		32	Mr. YogeshPrabhakar Kherde	
12	Dr. Sanjay Padmakar Raut		33	Ms. SnehaGowardhan Hirekhan (Wankhede)	
13	Ms. VaishaliNilesh Mendhe (Bhadke)		34	Mr. Rajesh Madhukar Bhagat	
14	Ms. CharutaSubhash Waghmare		35	Aziz Ahmad MohdGhous	
15	Mr. Khalid Shamim Ansari		36	PrakashHarichandra Lute	
16	Mr. HarshalRameshrao Nikhade		37	YeshwantNanaji Choudhary	
17	Mr. JayantManohar Raut		38	Ashok Gunderao Warhade	
18	Mr. Dhiraj Giridharilal Agrawal		39	ShyamGanpati Parate (Shahir)	
19	Mr. PawanKeshao Rao Hinge		40	SushilMaratarao Gadge	
20	Ms. AmrutaArun Yadav (Adekar)		41	DvpratapSankthaprasad Tiwari	
21	Ms. SangitaShivcharan Meshram		42	RavindraShankarao Mahabudhe	





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## DEPARTMENT OF CIVIL ENGINEERING

### Value Added Course on "MICROSOFT PROJECT

14/02/2021 -15/03/2021

**Speaker:** - **Er. SAGAR DEOGIRKAR**

**Designation:-** HEAD (Development and Design and analysis),CADD CENTRE.,NAGPUR

- Introduction of Mr. Pranit Singh by Prof. Khalid Ansari.
- Welcome to Mr. Sagar Deogirkar by Prof. Sanket Kalamkar.
- Session by Mr. Sagar Deogirkar
- Q and A Session.
- Vote of Thanks by Prof. Khalid Ansari.

### 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**

[Vivekjayale26@gmail.com](mailto:Vivekjayale26@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

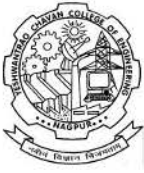
Mr. V.D.Jayale

Associate Professor,

CE Department,

YCCE





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Hingna Road, Wanadongri, Nagpur - 441 110  
Ph.: 07104-237919, 234623, 329249, 329250 Fax: 07104-232376, Website: [www.vcce.edu](http://www.vcce.edu)

## Department of Civil Engineering

### Report on Value Added Course on "MS PROJECT" 14/02/2021 to 15/03/2021

This Online Value Added Course on "MS Project" was an attempt to enlighten the students to the software world. Er. Sagar Deogirkar, Currently working as HEAD Engineer (Development and Design and analysis), CADD Centre, NAGPUR, shared his experience with students and also gave the students a realistic view of the software world. He also guided the students regarding the lessons he learned as a fresh graduate and how he dealt with the difficulties he faced. He shared his experiences with his job and the philosophies he learned his career during the sessions.

The objectives of this Value Added Course on " MS Project " are to get aware students about basic choices: work or further study. But even within those, there are several paths, so it is important to figure out which fits with where one wants to go in life. The purpose of conducting this course is to give students an exposure in the area of design and make them aware of the new software used nowadays in industry and used for planning which will help them in completing their design project effectively. The students at large were benefitted from this course.

**The detailed schedule for the VAC is given below:**

#### MS PROJECT Total Duration : 30 Ds

<b>D 1</b>	Create a New Project Plan Define a Project Assign a Project Calendar
<b>D 2</b>	Add Tasks to a Project Plan Import Tasks From Other Programs Create a Work Breakdown Structure Define Task Relationships Schedule Tasks
<b>D 3</b>	Add Resources to a Project Plan Create a Resource Calendar Enter Costs for Resources Assign Resources to Tasks Resolve Resource Conflicts



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## Department of Civil Engineering

**MS PROJECT Total Duration : 30 Ds**

<b>D 4</b>	Optimize a Project Plan Set a Baseline Share a Project Plan
<b>D 5</b>	Case Studies

Total 210 students registered for the program. The student delegates were very enthusiastic and also had given their best for the success of the program.



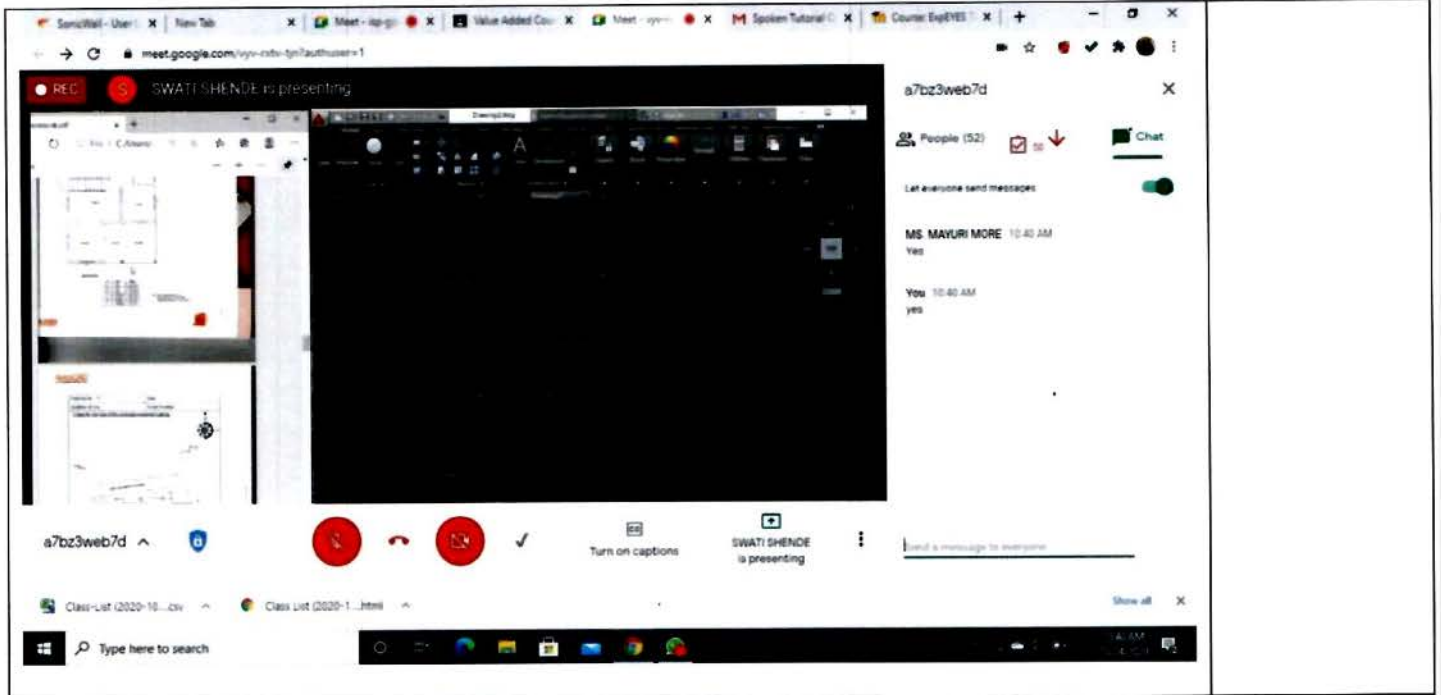
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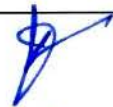
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**Department of Civil Engineering**



Er. Sagar Deogirkar is explaining the basics of Microsoft Projects

  
Dhizuj G. Agrawal

  
(Dr. V. G. Meshram)  
**Head**  
**Department of Civil Engineering**  
**Y. C. College of Engineering**  
**NAGPUR-441 110**



## DEPARTMENT OF CIVIL ENGINEERING

Date: - 15/07/2021

### NOTICE

### VII Sem. B.E. Civil

All the students of VII Semester are hereby informed that **Pre Placement Certificate Course on *Building Information Modelling (30 Hrs)*** is probably schedule in the month of **July-August 2021**. The Certificate course will be covered by ***Er. Adnan Gouri and Ricardo Corza (Architect)***

In this Online BIM Training Program, you will learn the exact Strategies, Skills and Software tools which required for BIM dream job. You will get clarity of your career in BIM and how and where you can apply the Civil Engineering knowledge.

**Here's what you're going to discover: -**

- INTRODUCTION TO BIM
- POPULAR IPD /BIM COLLABORATION TOOLS
- MODELING OF 3D ARCHITECTURAL MODEL
- CONSTRUCTION DRAWING PRODUCTION
- UNDERSTANDING OF BIM EXECUTION PLAN
- BIM PROJECT WORK FLOWS
- INTRODUCTION TO MEP MODELING
- WALKTHROUGH, VISUALIZATION & RENDERING
- STUDY OF CONSTRUCTION DOCUMENTS & DRAWINGS
- MODELING OF 3D STRUCTURAL MODEL
- QUANTITY TAKE OFFS FROM BIM MODEL
- INTEROPERABILITY WITH OTHER SOFTWARE TOOLS
- PROJECT MANAGEMENT
- IPD IMPLEMENTATION
- INTERPERSONAL SKILLS IN PROJECT MANAGEMENT
- BIM 360 IMPLEMENTATION
- DEFINING BEP FOR PROJECTS
- INTRODUCTION TO DIGITAL TWIN
- NAVISWORKS 4D/5D SIMULATION
- PRIMA VERA / MSP/ EXCEL IN BIM WORKFLOWS
- LINKING OF BIM MODELS
- NAVISWORKS CLASH RESOLUTION
- FAMILY CREATION
- BIM AUTOMATION


**Additional Benefits:**

1. Certificate of Participation
2. Two Completed BIM Projects for your Learning
3. Complementary Access to Books, Presentations and BIM Resources.

**The Course fee for this BIM training Program is Rs. 500/-**

**Kindly submit the willingness Google form till 17/07/2021.**

**Any Further information related to Course Please Contact Khalid Ansari**

  
15/7/21  
Dr. S. P. Raut  
Head, CE Dept, 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 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 entrepreneurship 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 come 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'i t  
WARSAW, POLAND



RICARDO TORRES  
Founder & CEO  
Aecis Arkitektura,  
Mexico



ADNAN GHORI

FOUNDER & MD - iWorkstation  
Consultancy Pvt. Ltd.

CONTACT:

[adnaneiworkstation.in](http://adnaneiworkstation.in)

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

+919503706455



## TOPICS:

1. Adnan Ghori - Practical BIM Implementation
2. Mojtaba Ardeshir 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 Tekoffs and Documentation Detailing in Revit





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**Department of Civil Engineering**

**Report**  
**Value Aided Course/Pre placement Certification Course**  
**on**  
**"Building Information Modeling BIM"**

Department of Civil Engineering, conducted Pre placement Certification Course/ Value Aided Course in Building information modeling, or BIM ,which is the use of intelligent 3D modeling software to help architecture, engineering, and construction (AEC) professionals with project planning, design, construction management, and ongoing building operations. The course has been organized by Ms.M.R.Wagh, Ms.C.S.Waghmare & Mr.K.S.Ansari.

Er. Adnan Nazim Ghori, our Alumni and now Consultant, iWorkstation Consultancy (OPC) Pvt. Ltd., Nagpur, the key person behind this training took dynamic sessions of 30 hrs(5 hrs each day) from 28<sup>th</sup> July to 2<sup>nd</sup> August,2021. Total 102 students of Final year UG and PG have registered for this course. He also conducted sessions along with International BIM Professionals viz.Pawel Laguna,CTO/Architect, US, Expert in BIM GIS and Lean and Agile Management with BIM ,Ricardo Torres Corza, Architect ,Mexico and Mojtaba L.Architect,Turkey,Iran.

The objective of this training is to acquaint students about the concerned field and help them gain necessary BIM skills like Popular IPD /BIM Collaboration Tools, Modeling Of 3D Architectural Model, Construction Drawing Production,Understanding Of BIM Execution Plan , BIM Project Work Flows, Introduction To MEP Modeling , Walkthrough, Visualization & Rendering, Study Of Construction Documents & Drawings, Modeling Of 3d Structural Model , Quantity Take Offs From BIM Model ,Interoperability With Other Software Tools, Defining Bep For Projects, Introduction To Digital Twin ,Navisworks 4D/5D Simulation, Prima Vera / MSP/ Excel In BIM Workflows ,Linking Of BIM Models, Navisworkks Clash Resolution , BIM Family Creation, and competencies to be competitive in Indian AECO market.

BIM is a **very viable career option**. They are in great demand for carrying out projects and operations at various construction firms.

Er.Adnan Ghori, committed to provide internship for 5-6 students of final year. He also provided the list of 150 companies where the BIM is used in their projects.

Dr. S. P. Raut  
HOD, CE Dept.

Prof. C. S. Waghmare  
(Convener)





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**Department of Civil Engineering**

**The Schedule of the course**

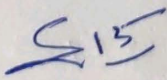
 **BIM EMPLOYABILITY TRAINING COURSE**   
CIVIL ENGINEERING DEPARTMENT - YESHWANTRAO CHAVAN COLLEGE OF  
ENGINEERING, NAGPUR  
28TH JULY - 2ND AUGUST 2021  
**TRAINING SCHEDULE**

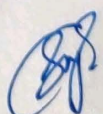
Time	Wed	Thu	Fri	Sat	Sun	Mon
9am-10am	ADNAN - T	ADNAN-T	RICARDO- T	ADNAN - T	ADNAN - T	ADNAN - T
10am-11am	ADNAN - P	ADNAN-P	RICARDO- P	ADNAN - P	ADNAN - P	ADNAN - P
11:30-12:30	ADNAN - T	ADNAN	ADNAN-P	MOJTABA - T	ADNAN - T	ADNAN - T
12:30-1:30	ADNAN - P	PAWEL - T	ADNAN-P	MOJTABA - P	ADNAN - P	ADNAN - P
2pm-3pm	ADNAN - Q&A	PAWEL - T	ADNAN-P	ADNAN - Q&A	ADNAN - Q&A	ADNAN - Q&A

T- THEORY SESSION  
P- PRACTICAL SESSION

FOR DETAILED CURRICULUM REFER "YCCE\_BIM CONTENT.PDF"

BREAK TIME : 11:00 AM - 11:30 AM & 1:30 PM - 2:00 PM

  
Dr. S. P. Raut  
HOD, CE Dept.

  
Prof. C. S. Waghmare  
(Convener)

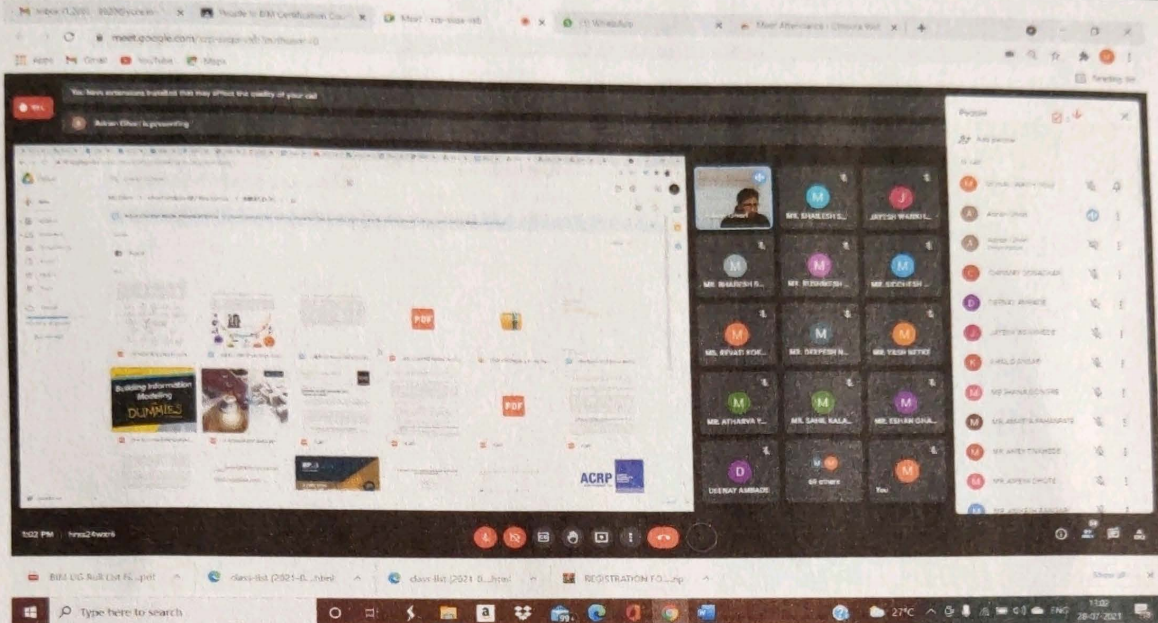




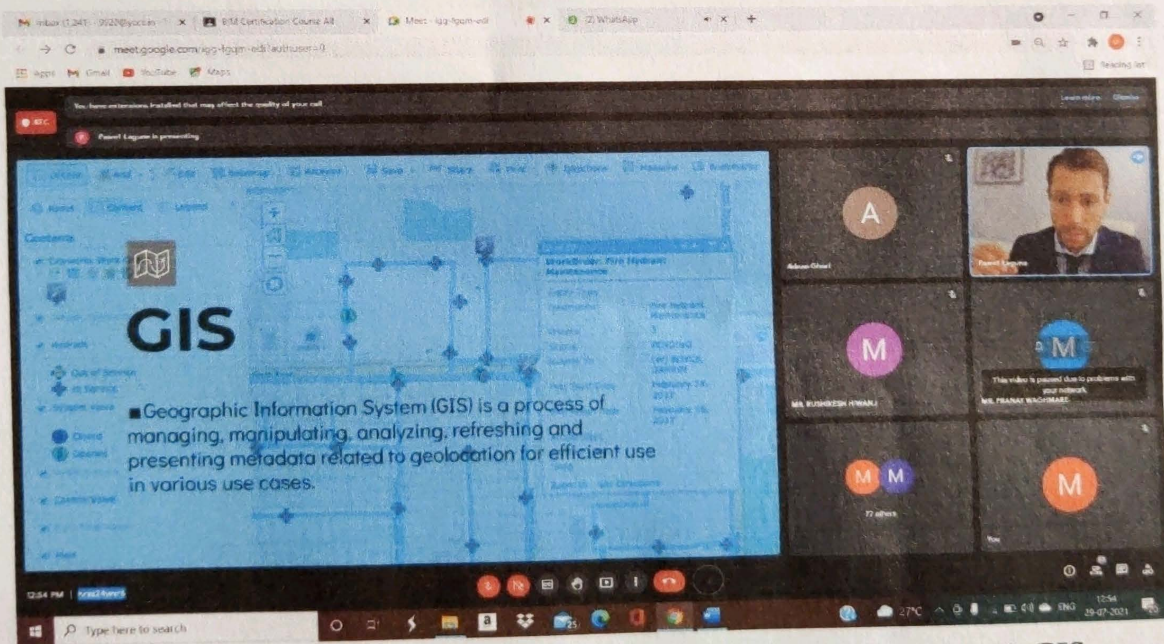
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Ph.: 07104-237919, 234623, 329249, 329250 Fax: 07104-292376, Website: [www.yccc.edu](http://www.yccc.edu)

**Department of Civil Engineering**



Mr. Adnan Ghori delivering the lecture on Introduction to BIM



Mr. Pawel Laguna, Poland delivering the lecture on Geo-Information & GIS

*S.P.R.*

Dr. S. P. Raut  
HOD, CE Dept.

*C.S.W.*

Prof. C. S. Waghmare  
(Convener)





Nagar YuwakShikshanSanstha's  
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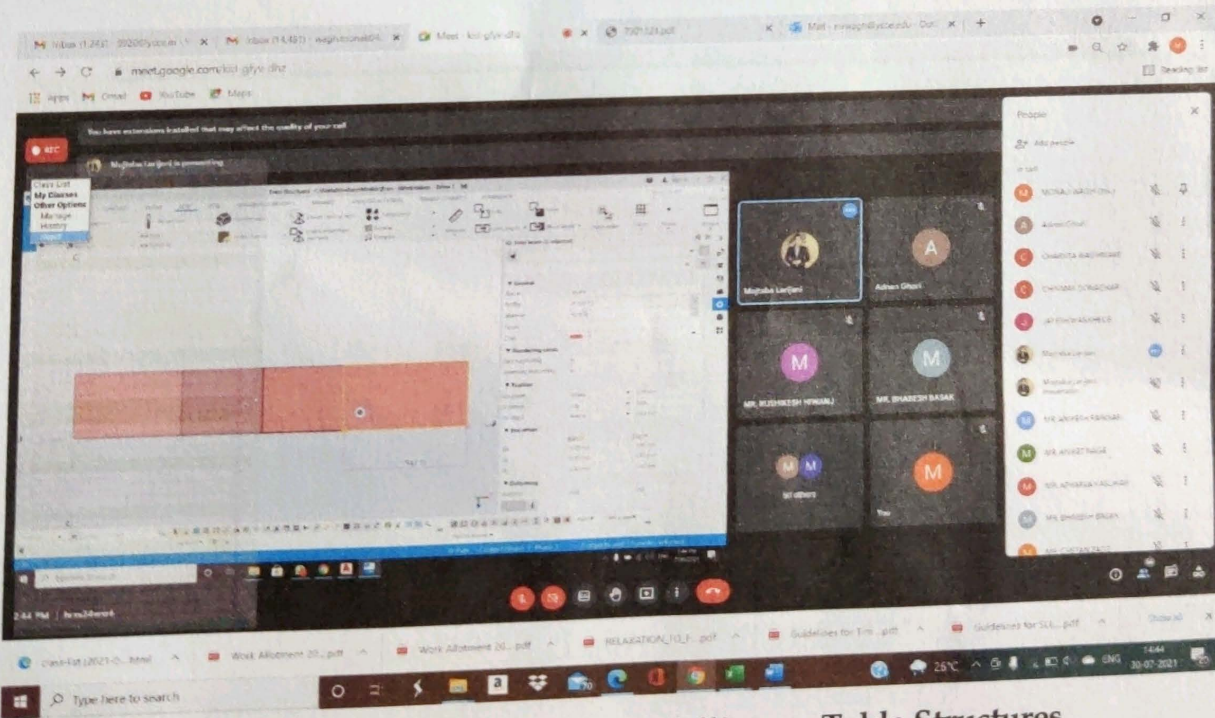
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**Department of Civil Engineering**



Mr. Ricardo Torres, Mexico delivering the lecture on Architectural aspects of BIM



Mr. A. Larjani delivering the lecture on Modelling on Tekla Structures

*S.P.R.*

Dr. S. P. Raut  
HOD, CE Dept.

*C.S.W.*

Prof. C. S. Waghmare  
(Convener)





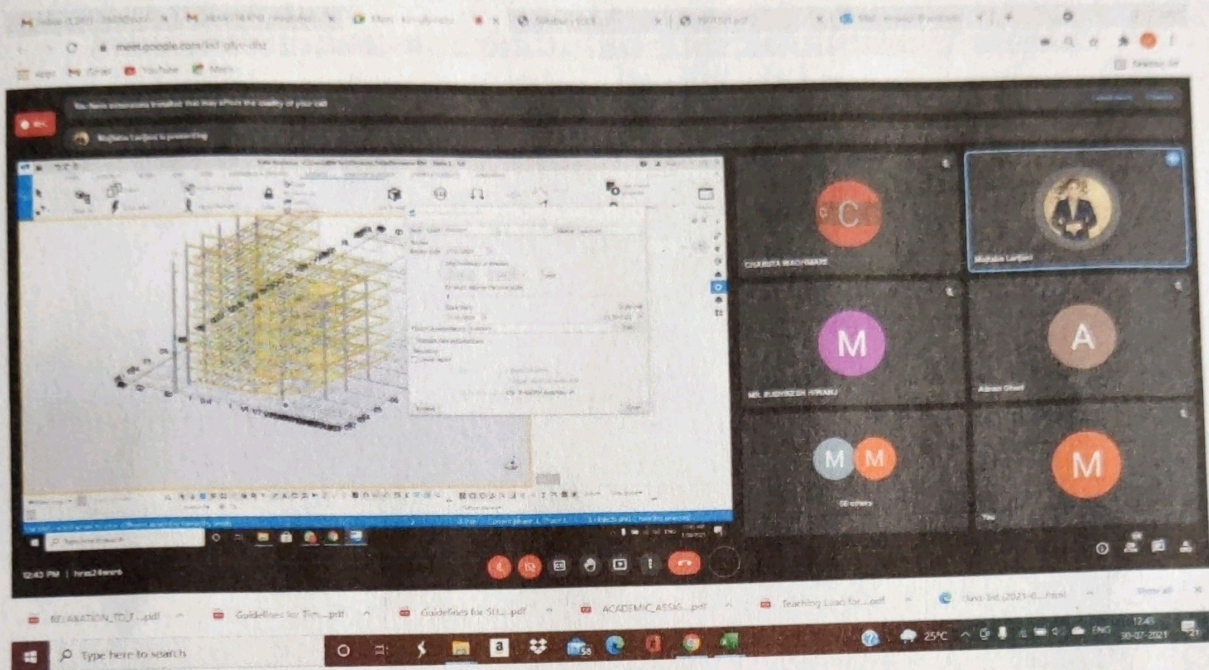
# Nagar YuwakShikshanSanatha's YeshwantraoChavan College of Engineering

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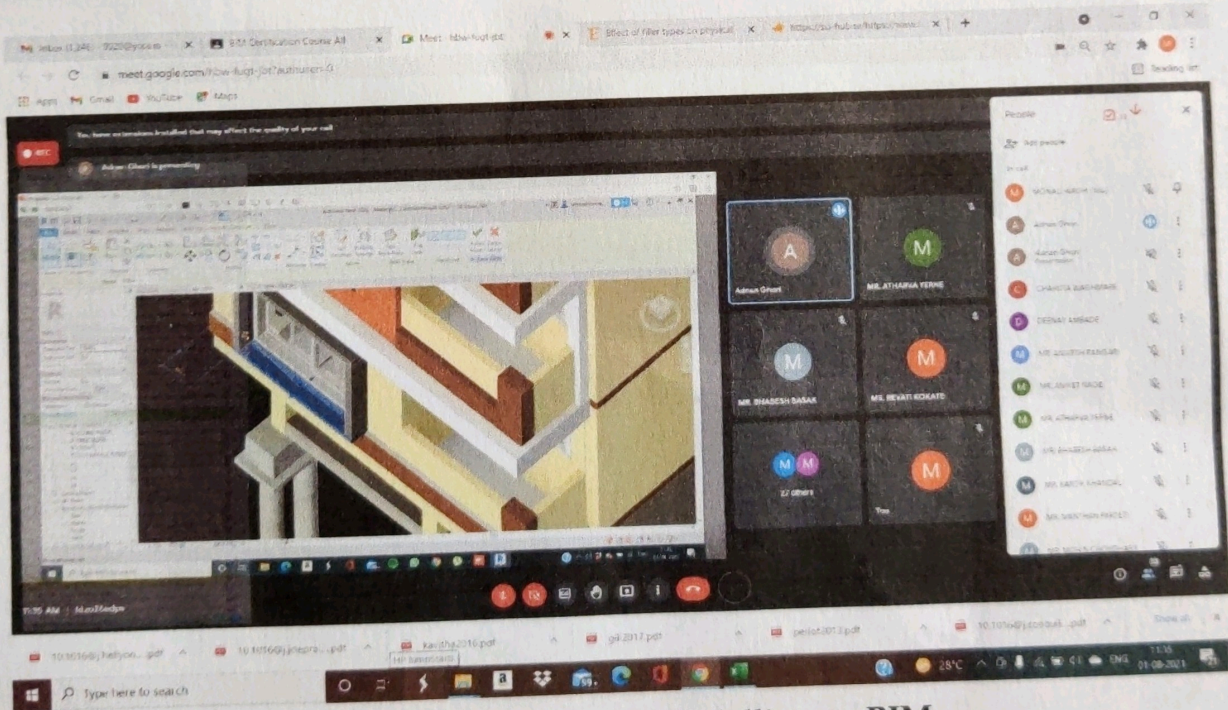
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## Department of Civil Engineering



Mr. Adnan Ghori delivering the lecture on Modelling on BIM



Mr. Adnan Ghori delivering the lecture on Modelling on BIM

S13

Dr. S. P. Raut  
HOD, CE Dept.

Prof. C. S. Waghmare  
(Convener)





iWorkstation

Yeshwantrao Chavan College of Engineering  
In Collaboration with  
iWorkstation Consultancy (OPC) Pvt. Ltd.



# CERTIFICATE OF PARTICIPATION

This is to certify that

Successfully Completed 30 Hours(28th July-2nd August 2021)  
Pre Placement Certification Course on BIM

RICARDO TORRES CORZA  
CEO AECIS, ARKITEKTURA, MEXICO

ADNAN GHORI  
DIRECTOR, IWORKSTATION

MOJTABA ARDESHIR LARIJANI  
BIM MANAGER TEKLA, IRAN

PAWEL LAGUNA  
CTO @ GRAPH'IT WARSAW, POLAND

DR. SP RAUT  
HOD CE, YCCE

MR. K.S ANSARI  
ASST.PROF CE, YCCE

MS. C.S WAGHMARE  
ASST.PROF CE, YCCE

MS. M.R. WAGH  
ASST.PROF CE, YCCE

CIN No: U74999MH20190PC323465

DIPP No: DIPP36688

DATE OF ISSUE:25/08/2021



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

## DEPARTMENT OF CIVIL ENGINEERING

Date: - 19/09/2021

### NOTICE

It gives us immense pleasure to announce that Department of Civil Engineering, Yeshwantrao Chavan College of Engineering, Nagpur organizing a fifteen hours certification Course on "Design concepts for offshore Structures" on dated 25<sup>th</sup>, 26<sup>th</sup> September, 03 October 2021,

"Mr. Atharv Saurkar" Er L&T Hydrocarbon Engineering, Mumbai will be the Speaker/resource person of certification course.

All interested students of VII semester of Civil Engineering are invited to fill the registration form for the certification course.

<https://forms.gle/EEMPJP3GhT419mFX8> Registration is completely based on first come first basis.

**Course Registration Fees:** Rs. 250/-

(You Can Make Payment of Rs. 250/- to Dr. P.B. Pande (9975635806), through Paytm, Phonepe, cash or internet banking on A/C No. 007002300008200 IFSC Code: HDFC0CTUB07, YCCE Branch)

**Course Duration:** 15 Hrs.

**Mode of Course:** Online

**E-Certificates** will be provided after successful completion of course.

For more detail kindly contact: **Dr. P. B. Pande** (9975635806), Course Coordinator, CE, YCCE.

Limited Seats

**Dr. S. P. Raut**  
Head, CE Dept, YCCE





# 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



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\*



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Nagar Yuwak Shikshan Sanstha's  
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**DEPARTMENT OF CIVIL ENGINEERING**

**Certification Course**

on

**"Design concepts for offshore Structures"**

25<sup>th</sup>, 26<sup>th</sup> September, 03<sup>rd</sup> October 2021

**Report**

Department of Civil Engineering; YCCE and IE(I) Student Chapters organized and conducted the online 15 hours duration Certification Course on "Design concepts for offshore Structures" on dated 25<sup>th</sup>, 26<sup>th</sup> September, 03<sup>rd</sup> October 2021. The resource person for this course is "Mr. Atharv Saurkar" Senior Structural Engineer in Engineering department of Offshore vertical, L&T Hydrocarbon Engineering, Mumbai. Dr. P. B. Pande is the host as well as course coordinator.

The 15 hours certification course was alienated into three sessions of 5 hours per day. In session I Dr. P. B. Pande acquaint with the topic and enlighten about the course objectives and outcomes after that he introduce the guest speaker Mr. Atharv Saurkar to students. Mr. Atharv Saurkar Introduction to offshore oil and gas industry, Field development concepts, types of offshore platform and their functions, Components of rigidly founded offshore structures.

Session II was on the topic "Analysis and Design of Structures". Floating structures: Spar platform and FPSO. Loads on offshore structures: Environmental loads (i.e. wind, wave, current), blast loads, impact loads. Operating condition and extreme condition at site.

Session III was on Pre-service and in-place construction activities involved in installation of fixed platforms. Finite element modelling of jacket type structure on SACS software. Also discussed various case studies and failure regarding improper designing of offshore structures. Total 58 Students were registered for this 15-hour certification course.

Dr. P. B. Pande summaries all the three sessions as Oil and gas industry is segmented into three parts: Upstream, Midstream and Downstream. He discussed about the scope of offshore structures can fulfill the demands upstream and midstream segments. The offshore structures which are meant for production of hydrocarbon can be situated hundreds of kilometers away from shore and they can stand stable in water depth of hundreds of meters. He express thanks to resource person Mr. Atharv Saurkar, Dr. U. P. Waghe, Principal, YCCE, Dr. S. P. Raut, HOD, Department of civil Engineering, YCCE for organizing such a course for students and announced the end of course on dated 03<sup>rd</sup> Oct 2021.

**Dr. P. B. Pande**  
Course Coordinator  
Department of civil Engineering,  
YCCE, Nagpur

**Dr. S. P. Raut**  
HOD,  
Department of civil Engineering,  
YCCE, Nagpur

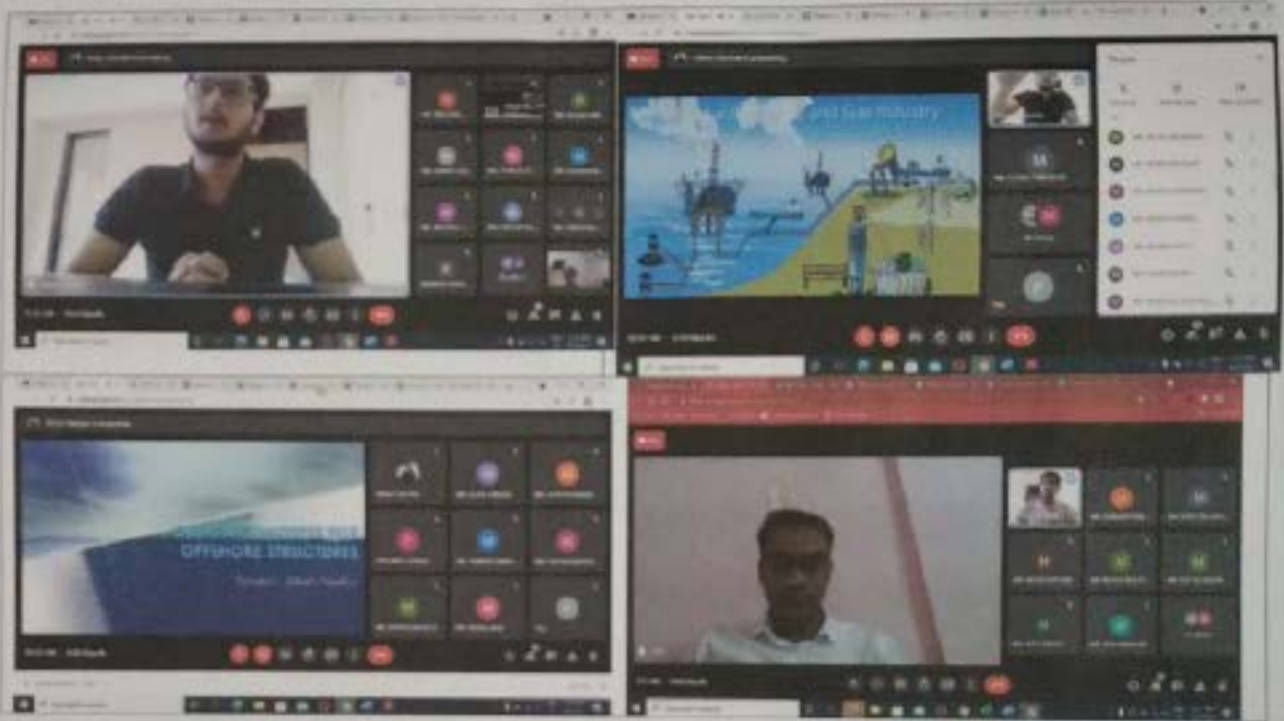


Nagar YuwakShikshanSanstha's  
**Yeshwantrao Chavan College of Engineering**

(An Autonomous Institution affiliated to Rashtrasra Tikshay Mahavidyalaya Nagpur University)  
Hingna Road, Wananongri, Nagpur - 441 110  
Ph.: 07104-237963, 234629, 309749, 329280 Fax: 07104-232376, Website: www.yccea.org

**DEPARTMENT OF CIVIL ENGINEERING**

Screen shots



**Dr. P. B. Pande**  
Course Coordinator  
Department of civil Engineering,  
YCCE, Nagpur

**Dr. S. P. Raut**  
HOD,  
Department of civil Engineering,  
YCCE, Nagpur



(NAGAR UWAH SHIKSHAN SAHITHA S)

# Yeshwantrao Chavan College of Engineering

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

(Accredited 'A' Grade by NAAC)

Hingna Road, Wanadongri, Nagpur - 441 110

## Department of Mechanical Engineering

### NOTICE

**Date:- 10-03-2021**

It is to inform all the students of Mechanical Engineering that Department of Mechanical Engineering is organizing DST Sponsored Two weeks Training Program On "Technology Based Entrepreneurship Development Programme (TEDP)" (Through online platform) from 22-03-2021 to 03-04-2021. Workshop is free of cost. Interested candidates can register on or before 18-03-2021. Please contact Prof. A.P. Edlabadkar for any query.

**Prof. A.P. Edlabadkar**

**Coordinator**

**Dr. S. S. Chaudhari**

**HoD ME**





Nagar Yuwak Shikshan Sanstha's

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## Department of Mechanical Engineering

**Resource Persons**  
Successful entrepreneurs in the field of science & technology, agriculture, etc. practitioners, experts from various industry association/foundation, academicians from IITs, NITs, and various reputed organizations, will deliver the expert talk and share their experiences.

**Eligibility**  
The programme is open to participants in the age group of 18-40 years, possessing/pursuing degree in any branch of Science/Engineering/Technology or Diploma of at least 2-3 years from any recognized Government institution. Number of participants will be limited to 40.

**Registration fees**  
There is no course fee. Selection of the participants will be based on the first come first serve basis. Limited to 40 participants. Last date for registration: 19/03/2021 (Friday).

**How to Apply**  
Download the registration form from [www.ycce.edu](http://www.ycce.edu). Duly filled registration form should reach the course coordinator on or before 19/03/2021 (Friday). Send the original copy of the filled in registration form by email to [ajinkyae@gmail.com](mailto:ajinkyae@gmail.com). Participants should provide the proof of fulltime employment from the employer (Head of the Institute). The total number of seats in this course is limited to 40.

**Apply Online**  
<https://forms.gle/74jct2VhVQH4hez6>

**Contact Persons**  
Prof. A. P. Edlabadkar, 9764478622  
Address for Correspondence:  
Department of Mechanical Engineering,  
Yeshwantrao Chavan  
College of Engineering,  
Wanadongri, Hingna Road, Nagpur-441110.  
Phone: (0) 07104 - 234821, 237919, Fax: 07104 - 232376  
Workshop email: [ajinkyae@gmail.com](mailto:ajinkyae@gmail.com)

**DST Sponsored**  
Two week online short term training programme On

**"Technology Based Entrepreneurship Development Programme (TEDP) through online platform"**

(22nd March-03 April 2021)

Name \_\_\_\_\_

Age \_\_\_\_\_

Designation \_\_\_\_\_

Organization \_\_\_\_\_

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

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

E-mail \_\_\_\_\_

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


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

Date \_\_\_\_\_ Signature of the applicant.

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

Date \_\_\_\_\_

Signature of the Sponsoring Authority with Seal




Department of Science & Technology, Government of India

**DST Sponsored**  
Two week online short term training programme On

**"Technology Based Entrepreneurship Development Programme (TEDP) through online platform"**

(22nd March-03 April 2021)



Organized by  
**Yeshwantrao Chavan College of Engineering**  
(An Autonomous Institution Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur)

Course Co-ordinator  
**Dr. S. S. CHAUDHARI**



**Yeshwantrao Chavan College of Engineering**

**About the Institute**  
Yeshwantrao Chavan College of Engineering was established in the year 1984 by Nagar Yuwak Shikshan Sanstha, Nagpur. YCCE is the prominent institution acknowledged for remarkable engineering education and research. Since 36 years the institution has magnificently cherished and encouraged the forthcoming engineering professionals across the country making it one of the most opted engineering colleges in Maharashtra. The college is guided by the Academic Advisory Board consisting of eminent academicians from the prestigious technical institutes in India and USA. YCCE is one of the top engineering colleges in Nagpur that aspires to create devoted, proficient, capable, and resourceful engineers who would utilize their assimilated knowledge and skills for the advancement of the organization as well as the Nation. It is the first private engineering college in Central India to acquire "Autonomous Status" from the academic session 2010-2011. The college is becoming a most sought after destination by the students who are aspiring to pursue higher technical education and attain placements in the competitive software and core industries. The institution accentuates on instilling significant professional education for crafting ambitious engineers who would ultimately possess noteworthy qualities to become leaders in their opted profession.

**About the Department:**  
Mechanical Engineering Department was established in 1986 at YCCE with an aspiration to render the technical skills, demanded from engineering professionals today by providing a sound technical platform. With the changing scenario to meet the demands of the industries and to map vision and mission, the department leaves no stone unturned to impart theoretical as well as practical knowledge in its various disciplines. The department has well qualified and dedicated faculty and is known for its high academic standard, well-maintained discipline, and complete infrastructure facilities. The Department has Siemens Center of Excellence in the field of Automation and AVEVA Center of Excellence in the field of Pipe Design. The Department has maintained a good rapport with Industry and R & D organizations. The Department has students' chapters of SAE (Society of Automotive Engineers) and ISHRAE (Indian Society of Heating, Refrigerating and Air Conditioning Engineers).

**Startup and Incubation Activities at YCCE**  
Yeshwantrao Chavan College of Engineering has established Institute Innovation Council (IIC) as per the guidelines provided by MHRD Innovation Cell (MIC) and AICTE. The main objective of IIC is to encourage, inspire and nurture young students by exposing them to new ideas and process of resulting in innovative activities & entrepreneurial in their formative years. IIC work to support and promote student start-up activities. It also coordinates to acquire financial support for students' startups, from various nodal agencies. YCCE has also setup its Technology Business Incubation (TBI) with an objectives:  
- Creation of technology based new enterprises,  
- Creating value added jobs & services,  
- Facilitating transfer of technology,  
- Fostering the entrepreneurial spirit,  
- Speedy commercialisation of R&D output,  
- Specialised services to existing SMEs.  
YCCE-TBI startup cell and e-cell also support entrepreneurial activities of students and faculty. Currently eight Non-Govt section companies have registered and operating from the cell.

**About the Programme**  
The Technology based Entrepreneurship Development Programme (TEDP) is a structured training programme designed to motivate and develop potential entrepreneurs from Science & Technology domain. This program focuses, the training based need of S&T entrepreneurs having their own idea or in a specific areas on Products/ technologies / processes developed by CSIR labs, R&D institutions, universities etc.

**Objective of the Programme**  
The major objectives of the Technology Based Entrepreneurship Development Programmes (EDPs) are:  
- Participants are imparted Entrepreneurship related knowledge i.e., prerequisites, feasibility study, market survey, process & procedure, project planning, preparation, report writing, project execution, capital & resource management, skill development, etc through well structured expert lectures and interactions.  
- Participants are imparted training on techno-managerial topics as well as ICT skills covering wide range of important topics that are useful for the young entrepreneur.



**Our 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 12 Km from Nagpur on the Nagpur-Hingna road at Wanadongri, on hilltop. Lush green campus has been developed in about 14acre of land with well-maintained greenery and beautiful gardens. The College is located very close to a large industrial estate. This proximity makes it possible to have an excellent industry-institute interaction.

**Patrons**





**Shri Dattaji Meghe** Chairman  
**Shri Sagar Meghe** Secretary  
**Shri Sameer Meghe** Treasurer

**Advisors**  
Dr. U. P. Waghre, Principal,  
Dr. P. K. Dakhole Registrar  
Principal Course Coordinator  
Dr. S. S. Chaudhari

**Convener**  
Prof. G. M. Dhote

**Organizing Secretary**  
Prof. A. P. Edlabadkar

**Co-convener**  
Prof. R. V. Adakane  
Prof. A. R. Narkhede

**Organizing Committee**  
Prof. R. G. Bodkhe  
Prof. D. Y. Shahare  
Dr. S. P. Kamble  
Prof. D. N. Kashyap  
Prof. Y. Y. Nandurkar

Website : <http://www.ycce.edu/>





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**Department of Mechanical Engineering**

**Schedule**



*DST Sponsored Two weeks Training Program*

on

Technology Based Entrepreneurship Development Programme (TEDP) through online platform

22<sup>nd</sup> March 2021 – 03<sup>rd</sup> April 2021

**Schedule of the Program**

Day	Module	Session – 1 (10:00-11:30 AM)	Tea Break	Session – 2 (11:45-1:15PM)	Lunch Break	Session – 3 (2:00PM-3:30 PM)	Session – 4 (3:45Pm -5:15PM)
22/03/2021	<b>MODULE - 1: ENTREPRENEURSHIP &amp; SCHEMES OF ASSISTANCE</b>	Who is an Entrepreneur & Charms of Being an Entrepreneur Mr. Ashish Ambade, Successful Entrepreneur, Agrima CAX Services, Nagpur		Schemes of Assistance for MSMEs: Financial Agencies / Institutions Mr. Parlewar, Director, MSME DI, Nagpur		Schemes of Assistance for MSMEs: NSIC, SIDBI, DIC and Other Support Agencies Mr. Kamal Naik, Area Manager, NSIC, Nagpur	Importance of Technology and knowledge based entrepreneurship Dr. G. K. Awari, HOD, Auto Engg. GP Nagpur, Nominated AICTE Margdarshak
23/03/2021	<b>MODULE - 2: PROJECT SELECTION &amp; IT'S PRE FEASIBILITY</b>	Entrepreneurship as Career Choice & Financial Assistance Mr. Waghmare, District Project Manager, MCED, Nagpur		Business Opportunities identification Criteria of selection & Sources of Information Mr. Waghmare, District Project Manager, MCED, Nagpur		How to find out pre-feasibility of a Project: Preliminary Project Report (PPR) Prof. Dr. Dubey, School of Mathematics and statistics, MIT world peace university, Pune	How to conduct Market Survey: Tools, Techniques and Guidelines Dr. G. K. Awari, HOD, Auto Engg. GP Nagpur, Nominated AICTE Margdarshak
24/03/2021	<b>MODULE - 3: DEVELOPING SOFT SKILLS &amp; CONSOLIDATION OF BUSINESS IDEA</b>	Business Soft Skill Development: Communication Mr. Abhijeet Dehadrai, Founder SPIRIT, Nagpur.		Plan for the Market Survey: Questionnaire Preparation Prof. Dr. Dubey, School of Mathematics and statistics, MIT world peace university, Pune		Online Interactions with Technical Experts for selection of projects. Mr. Ashish Ambade, Successful Entrepreneur, Agrima CAX Services, Nagpur	Virtual tour to a factory and experience sharing with Innovative Entrepreneurs Virtual Tour of IES Corporation Ltd, Thailand. Facilitator: Mr. Ashish Ambade, Successful Entrepreneur, Agrima CAX Services, Nagpur

Day	Module	Session – 1 (10:00-11:30 AM)	Tea Break	Session – 2 (11:45-1:15PM)	Lunch Break	Session – 3 (2:00PM-3:30 PM)	Session – 4 (3:45Pm - 5:15PM)
25/03/2021	<b>MOTIVATIONAL INPUT</b>	Conducting Market Survey and online Data Collection for the identified business opportunities Dr. S. B. Warkad, Dean (R&D), PR Pote Patil College of Engg & Mgt, Amravati		Feedback, Discussion on Market Survey & evaluating PPRs Mr. Abhijeet Dehadrai, Founder SPIRIT, Nagpur.		Developing Entrepreneurial Competencies (Achievement Motivation Training) Dr. G. K. Awari, HOD, Auto Engg. GP Nagpur, Nominated AICTE Margdarshak	Developing Entrepreneurial Competencies Mr. Vivek Joshi, Ex-President (Projects), JP Infrastructure Pvt. Ltd., Mumbai
26/03/2021	<b>BUSINESS PLAN PREPARATION</b>	How to Prepare Detailed Business Plan Mr. Abhijeet Dehadrai, Founder SPIRIT, Nagpur.		Production Planning in MSME Mr. Parlewar Director, MSME DI, Nagpur or Mr. Kamal Naik, Area Manager, NSIC, Nagpur		Purchase Technique ABC from Pune	Working Capital Assessment & Management in MSME Mr. Abhijeet Dehadrai, Founder SPIRIT, Nagpur.
27/03/2021	<b>BUSINESS PLAN PREPARATION</b>	Significance of Break Even Point in Business Mr. Abhishek Mehta, Chartered Accountant, CA, Co-Founder & CEO, Link Astro Nagpur		Product Costing and Cost Consciousness Mr. Vivek Joshi, Ex-President (Projects), JP Infrastructure Pvt. Ltd., Mumbai		Make or Buy Decision Mr. Vivek Joshi, Ex-President (Projects), JP Infrastructure Pvt. Ltd., Mumbai	Profitability & Balance Sheet Mr. Abhijeet Dehadrai, Founder SPIRIT, Nagpur.
<b>Sunday</b>							





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### Department of Mechanical Engineering


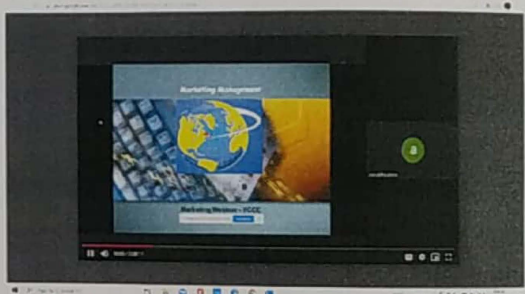
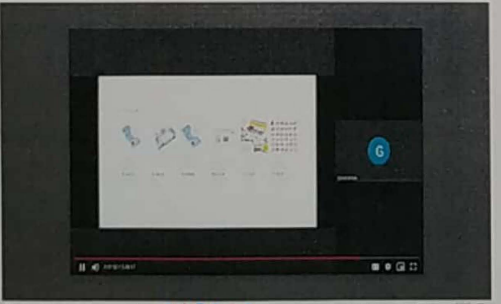
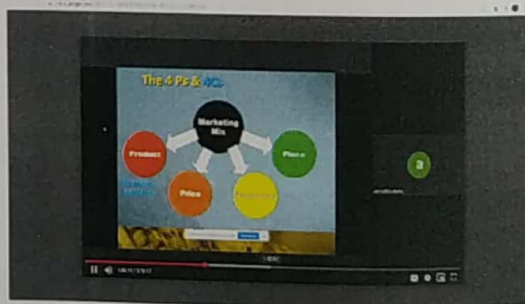
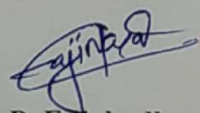
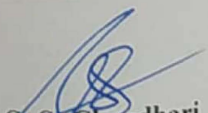
#### Schedule

Day	Module	Session – 1 (10:00-11:30 AM)	Tea Break	Session – 2 (11:45-1:15PM)	L un ch Br ea k	Session – 3 (2:00PM-3:30 PM)	Session – 4 (3:45Pm -5:15PM)
29/03/2021	MANAGEMENT INPUTS	Marketing Management: Product Promotion, Sales and Advertisement Dr. S. B. Warkad, Dean (R&D), PR Pote Patil College of Engg & Mgt, Amravati		Financial Management Mr. Abhishek Mehta, Chartered Accountant, CA, Co-Founder & CEO, Link Astro Nagpur		Interfacing with Leading Institutions for Business Plan Appraisal Mr. Amol Pusadkar, Ex-Special Process Manager, TATA Mfg Solutions Ltd, Nagpur	IPR, Pattern, Copy Rights, Trade Mark and Industrial Management Dr. Nilesh Awate, GHRCE, Nagpur
30/03/2021	MANAGEMENT INPUTS	Negotiation and Networking Mr. Abhijeet Dehadrai, Founder SPIRIT, Nagpur.		Time Management Dr. G. K. Awari, HOD, Auto Engg, GP Nagpur, Nominated AICTE Margdarshak		Delegation of Authority and Work Effort Mr. Abhijeet Dehadrai, Founder SPIRIT, Nagpur.	Taxation: Various Taxes Applicable to MSME Mr. Pranjal Murty, Advocate, Nagpur
31/03/2021	Legal Documentation	Legal Formalities in an Enterprise: (Factory Act, PF, Labor Laws etc.) Ms. Pooja Daga, Advocate, Nagpur High Court, Nagpur		Leadership Modes Dr. G. K. Awari, HOD, Auto Engg, GP Nagpur, Nominated AICTE Margdarshak		Legal formalities for Loan Disbursement Mr. Abhishek Mehta, Chartered Accountant, CA, Co-Founder & CEO, Link Astro Nagpur	Human Resource Management Dr. G. K. Awari, HOD, Auto Engg, GP Nagpur, Nominated AICTE Margdarshak

Day	Module	Session – 1 (10:00-11:30 AM)	Tea Break	Session – 2 (11:45-1:15PM)	L un ch Br ea k	Session – 3 (2:00PM-3:30 PM)	Session – 4 (3:45Pm -5:15PM)
01/04/2021	MODULE - TECHNICAL TRAINING / EXPOSURE	Technical Training / Exposure on the projects chosen by the Trainees should be done through interactive tools/graphics/Augmented Reality etc Organizing Team, YCCE		Technical Training / Exposure on the projects chosen by the Trainees should be done through interactive tools/graphics/Augmented Reality etc Organizing Team, YCCE		Technical Training / Exposure on the projects chosen by the Trainees should be done through interactive tools/graphics/Augmented Reality etc Organizing Team, YCCE	Technical Training / Exposure on the projects chosen by the Trainees should be done through interactive tools/graphics/Augmented Reality etc Organizing Team, YCCE
02/04/2021	Project Execution planning	Project plan Presentation by Participants Organizing Team, YCCE		Project plan Presentation by Participants Organizing Team, YCCE		Plan Examination Organizing Team, YCCE	Plan discussion Organizing Team, YCCE
03/04/2021	Project Execution planning	Feedback and Evaluation of the Programme Organizing Team, YCCE		Action plan considering for best participants Organizing Team, YCCE		Valedictory Organizing Team, YCCE	Certificate Distribution Organizing Team, YCCE



**Department of Mechanical Engineering**

<b>Title:</b>	DST Sponsored Two weeks Training Program on “Technology Based Entrepreneurship Development Programme (TEDP) through online platform”
<b>Date &amp; Timing:</b>	22/03/2021 to 03/04/2021
<b>Resource Person:</b>	1.Mr. Ashish Ambade,Successful Entrepreneur 2. Mr. Parlewar, Director, MSME DI, Nagpur 3.Mr. Kamal Naik,Area Manager,NSIC,Nagpur 4.Dr. G. K. Awari, HoD, Auto Engg. Gov. Poly. Nagpur 5.Mr. Waghmare,District Project ManagerMCED,Nagpur 6.Dr.Dubey,Maths,MIT, Pune 7.Mr.Abhijeet Dehadrai,Founder SPIRIT,Nagpur 8.Dr. S. B. Warkad,Dean(R&D),PRPotePatilCOEM, 9.Mr. Vivek Joshi,Ex-President,JPInfra Pvt.Ltd.Mumbai 10.Mr Abhishek Mehta,CA&CEO, LinkAstro,Ngp
<b>Coordinator</b>	<b>A. P. Edlabadkar</b> , Asst. Professor, Department of Mechanical Engineering, YCCE.
<b>Registration Fees:</b>	Free, No Fees.
<b>Target Participants</b>	Second Year Students of Mechanical Engineering
<b>Number of Participants</b>	162 Students + 03 Faculty = <b>165 Participants</b>
<b>Summary of Event</b>	This STTP focused on finding the ways from intellectual’s gatherings to impart methodological competency to the newly graduating engineers by identifying the significant disconnect between industry practices, educational curriculum, scope and future of Technical Entrepreneurship. Eminent speakers from prestigious institutions like, IIT’s/NIT’s, Chartered Accounts and reputed industries had presented their understandings to topics.
<b>Photographs:</b>	 <p>Mr. Ashish Ambade delivering lecture</p>  <p>Mr. Kamal Naik delivering lecture</p>  <p>Dr. G. K. Awari,delivering lecture</p>  <p>Mr. Abhijeet Dehadrai,delivering lecture</p>
	<p>  <b>A. P. Edlabadkar</b>          Coordinator</p> <p>  <b>Dr. S. S. Chaudhari</b>          HoD, ME</p>





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## Department of Mechanical Engineering

### NOTICE

**Date:-20-01-2021**

It is to inform all the students of Mechanical Engineering that Department of Mechanical Engineering is organizing workshop on CNC Programming, Additive Manufacturing and Computer-Aided Manufacturing using NX-CAM from 01-02-2021 to 28-02-2021. There is no fee for workshop. Interested candidates can register on or before 25-01-2021. Please contact Prof. C. A. Mahatme. for any query.

**Dr. J. P. Giri**

**Coordinator**

**Dr. S. S. Chaudhari**

**HoD ME**

# Activity: Certificate Course on “CNC Programming, Additive Manufacturing and Computer-Aided Manufacturing using NX-CAM”

Coordinator: Dr. J.P.Giri, Prof. Chetan Mahatme

Participants: Students from YCCE and other colleges throughout India

## Brochure:



Nagar Yuwak Shikshan Sanstha's  
**Yeshwantrao Chavan College of Engineering**  
(NAAC 'A' Graded Autonomous Institution Affiliated to Nagpur University)



Department of Mechanical Engineering  
(NBA Accredited)

Siemens Centre of Excellence for Digital Manufacturing and Robotics under NAFETIC

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Certificate Course on  
**“CNC Programming, Additive Manufacturing and Computer-Aided Manufacturing using NX-CAM”**

Organized by  
Siemens Centre of Excellence for Digital Manufacturing and Robotics under NAFETIC

Duration: ~~1<sup>st</sup> Feb. to 28<sup>th</sup> Feb. 2021 (2Hrs./day)~~  
Rescheduled on: 1<sup>st</sup> Feb. to 28<sup>th</sup> Feb. 2021 (2Hrs./day)

Coordinators

Dr. J.P. Giri  
(Contact No. 9822929871)

Prof. C.A. Mahatme  
(Contact No. 8983760646)



*This certificate course is specially designed to cater the need of Industries and for skill up-gradation of young technocrats. Subtractive and Additive Manufacturing techniques will be thoroughly discussed with practical perspective. The latest research trend in the area of Subtractive and Additive Manufacturing will be explored.*

Registration Link: <https://forms.gle/ZWp3QY3pt1W7QDrX7>

Course Fee: Rs. 800/- per participant

Certification: Siemens Centre of Excellence, YCCE

Bank Details: **Punjab National Bank**

Account Number: **1472002100003909**

IFSC Code: **PUNB0147200**

### Contents

#### Module-1

- Introduction to Siemens 828 D controller
- Basics of CNC programming
- CNC Programming - Drilling
- CNC Programming - Milling
- CNC Programming - Lathe
- CNC programming cycles of Siemens' 828D controller
- Introduction to Additive Manufacturing(3D Printing)
- Slicing process and algorithm for Additive manufacturing(3D Printing)
- Slicing software
- Latest research trends in Additive manufacturing(3D Printing)

#### Module-2

- NX CAD Fundamentals
- NX CAD Modelling basics
- NX CAM Fundamentals
- NX CAM Milling Manufacturing
- NX CAM Turning Manufacturing
- NX CAM Advanced Techniques
- CAM 5-Axis Advance machining Processes
- Introduction to Additive Manufacturing (Autodesk Netfabb)
- Supports and Lattice Structure creation
- Analysis of Additive Manufacturing Part



## Schedule of the course:

Certificate course on "CNC Programming, Additive Manufacturing and Computer-Aided Manufacturing using NX-CAM"

### Schedule

#### Week 1

Date: Friday: 05-02-2021

Timing: 3:30 pm to 06:30 pm

Instructor: Dr. J.P. Giri (YCCE, Nagpur)

#### Topics to be covered:

1. Basics of CAD/CAM
2. Basics of PLM
3. CNC introduction
4. CNC control architecture
5. Basics of word address format
6. List of Codes

Date: Saturday: 06-02-2021

Timing: 12:00 pm to 03:30 pm

Instructor: Dr. J.P. Giri (YCCE, Nagpur)

#### Topics to be covered:

1. Introduction of Siemens 828D controller
2. Milling programming
3. Drilling Programming

## Week 2

**Date: Friday: 12-02-2021**

**Timing: 3:30 pm to 06:30 pm**

**Instructor: Prof. C.A. Mahatme (YCCE, Nagpur)**

**Topics to be covered:**

1. NX-CAD fundamentals
2. Tutorial on 2-D Modelling in NX-CAD
3. Tutorial on 3-D Modelling in NX-CAD
4. Introduction to NX-CAM

**Date: Saturday: 13-02-2021**

**Timing: 12:00 pm to 03:30 pm**

**Instructor: Prof. C.A. Mahatme (YCCE, Nagpur)**

**Topics to be covered:**

1. Introduction of NX CAM-Milling
2. Tutorial on Milling Programming and postprocessing with Siemens 828D controller
3. Introduction of NX CAM-Turning
4. Tutorial on Turning Programming and postprocessing with Siemens 828D controller
5. BOM Generation



### **Week 3**

**Date: Friday: 19-02-2021**

**Timing: 3:30 pm to 06:30 pm**

**Instructor: Dr. J.P. Giri (YCCE, Nagpur)**

**Topics to be covered:**

- 1. Lathe programming**
- 2. Sinumerik Sinutrain**
- 3. Live demonstration of CNC Milling machine**

**Date: Saturday: 20-02-2021**

**Timing: 12:00 pm to 03:30 pm**

**Instructor: Dr. J.P. Giri (YCCE, Nagpur)**

**Topics to be covered:**

- 1. Live demonstration on CNC lathe**
- 2. Program execution through Sinutrain**
- 3. Case studies**

## **Week 4**

**Date: Friday: 26-02-2021**

**Timing: 3:30 pm to 06:30 pm**

**Instructor: Prof. C.A. Mahatme (YCCE, Nagpur)**

### **Topics to be covered:**

- 1. NX-CAM Advanced Techniques**
- 2. Feature-Based Manufacturing**
- 3. Tutorial on NX-CAM Advanced Techniques**
- 4. Introduction to NX-CAM 5-Axis Advanced Machining Techniques**
- 5. Tutorial on NX-CAM 5-Axis Advanced Machining**

**Date: Saturday: 27-02-2021**

**Timing: 12:00 pm to 03:30 pm**

**Instructor: Prof. C.A. Mahatme (YCCE, Nagpur)**

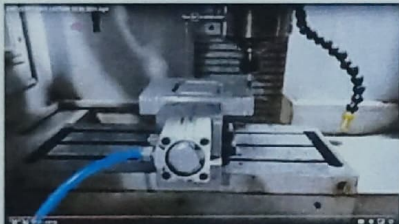
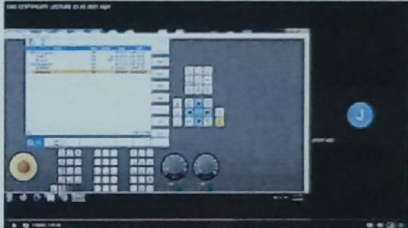
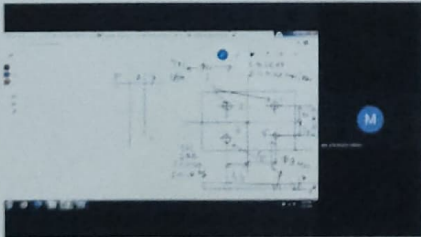
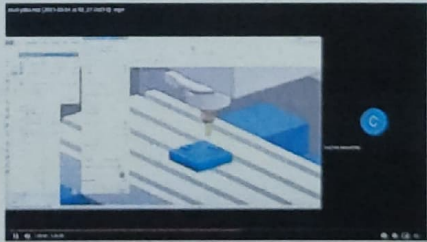
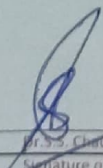
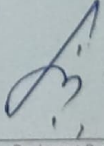

### **Topics to be covered:**

- 1. Introduction to Additive Manufacturing with Autodesk Netfabb**
- 2. Tutorial on Autodesk Netfabb geometry creation and importing**
- 3. Tutorial on support and Lattice structure creation**
- 4. Tutorial on Autodesk Netfabb simulation utility**
- 5. Tutorial on Autodesk Netfabb optimization utility**





**Department of Mechanical Engineering**  
**Report of the Certificate Course (2020-21)**

<b>Title:</b>	"CNC Programming, Additive Manufacturing and Computer-Aided Manufacturing using NX-CAM"	
<b>Type:</b>	Value Added Course (One-Month Certificate Course)	
<b>Day / Date &amp; Timing:</b>	01 <sup>st</sup> – 28 <sup>th</sup> Feb. 2021, 2hrs/day	
<b>Resource Person</b>	1. Dr. Jayant Giri, YCCE                      2. Prof. Chetan Mahatme, YCCE	
<b>Coordinator</b>	<b>Dr. Jayant P. Giri</b> , Associate Professor, Department of Mechanical Engineering, YCCE. <b>Prof. Chetan Mahatme</b> , Assistant Professor, Department of Mechanical Engineering, YCCE.	
<b>Convener</b>	<b>Dr. S.S. Chaudhari</b> , HoD & Associate Professor, Department of Mechanical Engineering, YCCE.	
<b>Registration Fees:</b>	Free, No Fees.	
<b>Target Participants</b>	Faculty, Research scholars, Industry Personals	
<b>Number of Participants</b>	140	
<b>Objective &amp; Outcomes:</b>	<b>Objectives of the Certificate Course:</b> This certificate course is specially designed to cater the need of Industries and for skill up- gradation of young technocrats. Subtractive and Additive Manufacturing techniques will be thoroughly discussed with practical perspective. The latest research trend in the area of Subtractive and Additive Manufacturing will be explored.	<b>Outcome of the Certificate Course:</b> At the end of the certificate course participant should be able 1) To have the knowledge about Additive manufacturing techniques 2) To have the knowledge about subtractive manufacturing using CNC, its programming, controllers and their architecture
<b>Recording Link:</b>	Sample lecture: <a href="https://drive.google.com/file/d/17T_m2-HkyNFK2tHY3K-WlucjDp7OITYg/view?usp=sharing">https://drive.google.com/file/d/17T_m2-HkyNFK2tHY3K-WlucjDp7OITYg/view?usp=sharing</a>	
<b>Feedback Link:</b>	<a href="https://forms.gle/DXgbVXfy3gcij8VAA">https://forms.gle/DXgbVXfy3gcij8VAA</a>	
<b>Photographs:</b>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">             Inaugural Function         </div> <div style="text-align: center;">             Dr. J.P. Giri Delivering Lecture         </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;">             Dr. J.P. Giri Delivering Lecture         </div> <div style="text-align: center;">             Prof. C.A. Mahatme Delivering Lecture         </div> </div>	
	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">             Dr. S.S. Chaudhari            Signature of HOD         </div> <div style="text-align: center;">             Dr. Jayant P. Giri            Signature of Co-ordinator         </div> <div style="text-align: center;">             Prof. C.A. Mahatme         </div> </div>	



# Yeshwantrao Chavan College of Engineering

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

(Accredited 'A' Grade by NAAC)  
Hingna Road, Wanadongri, Nagpur - 441 110

## Department of Mechanical Engineering

### NOTICE

**Date:-10-07-2020**

It is to inform all the students of Mechanical Engineering that Department of Mechanical Engineering is organizing AICTE AQIS sponsored Short Term Training Program (STTP) on “Advances in Additive Manufacturing “ Phase 1 from 20-07-2020 to 25-07-2020.( Through Online Mode).There is no fee for workshop.Interested candidates can register on or before 18-07-2020. Please contact Prof. C. A. Mahatme for any query.

**Dr.J. P. Giri**

**Coordinator**

**Dr. S. S. Chaudhari**

**HoD ME**



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

Hon'ble Shri Dattaji Meghe Chairmen, NYSS  
Shri Sagarji Meghe Secretary, NYSS  
Shri Sameerji Meghe Treasurer, NYSS

### Organising Secretary

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

### Advisory Board

Dr. R.L. Shrivastava, Mech.Dept. YCCE  
Prof A.J.Bamnote, Mech.Dept. YCCE  
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: jayantpgiri@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 Yuwak 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 profession-als, becoming a sought after destination for students aspir-ing 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 hav-ing 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 ad-mitted 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.

### 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 -3.00 pm	Prof. A.J.Bamnote 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 Mandlekar MS ,University of Concordia ,Canada	3D printing using Anet a8	asmandlekar@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	Jayantpgiri@gmail.com	9822929871
5	24.07.2020 11.00am -12.30pm	Swapnil Sansare,	Industrial prototyping trend and future through AM	swapnil@divbyz.com	9833828199
		CEO & Founder of Divide By Zero Technologies,Pune			
	1.30 pm -3.00 pm	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 <u>Maker boat replicator+</u>	Jayantpgiri@gmail.com	9822929871
6	25.07.2020 11.00-12.30 pm	Prof. A.J.Bamnote YCCE	Slicing Algorithm in Additive manufacturing	anilbamnote@gmail.com	9822736602
	1.30-3.00 pm	Dr. Jayant Giri YCCE	Machine learning approach for Additive Manufacturing	Jayantpgiri@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/7uLS1pMf96ouq7gX6>**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.



**Yeshwantrao Chavan College of Engineering**  
**Department of Mechanical Engineering**  
**Note Sheet**

Date: 10.07.2020

**Subject: Proposal to organize One week AICTE sponsored STTP on "Advances in Additive manufacturing "for faculties, research scholars, Industry professionals".**

AICTE vide letter Ref. No. 34-65/349/RIFD/STTP/Policy-1/2018-19 have sanctioned amount of Rs. 3.00 Lakhs to conduct AICTE sponsore STTP on advances in Addtive manufacturing during session 2019-20. We were in a process to conduct STTP in month of April 2020 ,but due to unfortunate pandemic situation it was not possible. The corresponding communication dated 20.03.2020 regarding postponement of STTP due to pandemic situation was conveyed to Prof. Dilip Malkhede (Adviser-I RIFD).As per the latest communivcation form AICTE dated 25.06.2020 , we can conduct STTP in online mode. We would like to organize one week STTP on "Advances in Additive manufacturing "for faculties, research scholars, Industry professionals " in three pahses (a) 20.07.2020 to 25.07.2020 (b) 24.08.2020 to 29.08.2020 (c) 21.09.2020-26.09.2020. The details about the program are as follows:


Sr. No.	Domain	Details	Remarks
1	No. of participants expected	200 per program	3 STTPs will be organized
2	Fees per participant	Nil	AICTE sponsored
3	Organizers	Cordinator : Dr. Jayant Giri	Co-coordinators : 1.Prof. R.B.Chadge 2.Prof.Chetan Mahatme 3. Dr. R.L.Shrivastava 4. Dr. S.R.Jachak
4	Certification	• Siemens centre of Excellence ,YCCE	
5	Estimated expenses	As per AICTE guidelines	93000/- per STTP , Total = 279000/- for 3 STTPs

Renowned experts from academia and industries have consented to deliver expert lecture in the mentioned STTP ,following are the details

- 1.Mr. Shubham Joshi , University of Aachen ,Germany
2. Dr. Priyank Upadyay ,BITS pillani (Dubai Campus)
- 3.Mr. Anket Mandlekar , Concordia University ,Canada
4. Mr. Vinay Mandviya ,TACO Faurecia Design Center,Germany
5. Sagar Gawande ,Altem Tech. Pvt. Ltd. Pune

This is for your kind approval


Submitted for approval to:

*Forwarded*  
  
 10/7/20

Coordinator

  
 Dr.J.P.Giri

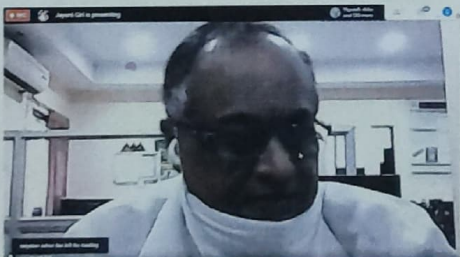
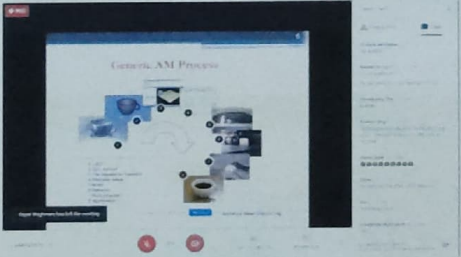
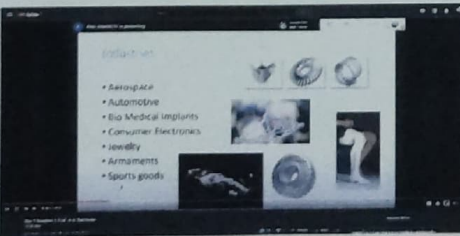
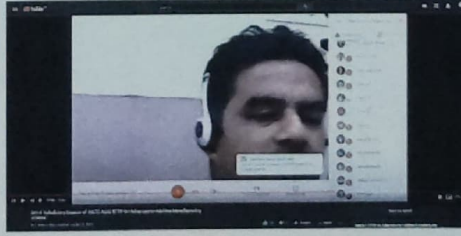
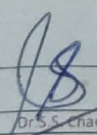
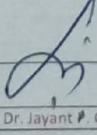
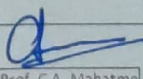
The Principal, YCCE, Nagpur

OK followed all mandats of AICTE/YCCE  
  
 10.07.20  
 HDJ (ME)





**Department of Mechanical Engineering**  
**Report of the AICTE AQIS SPONSORED STTP Phase-I (2020-21)**

<b>Title:</b>	"Advances In Additive Manufacturing" (Online Mode)		
<b>Type:</b>	Short Term Training Program (6days)		
<b>Day / Date &amp; Timing:</b>	20th- 25th July 2020, from: 11.00 am to 05.30 pm		
<b>Resource Person</b>	1. Dr. R.L. Shrivastava, Professor, YCCE 2. Prof. A.J. Bamnote, YCCE 3. Shubham Joshi University of Aachen, Germany 4. Saksham Rastogi Application Engineer – Additive Manufacturing Altem Technologies Pvt. Ltd. Pune, 5. Dr. Priyank Upadhyay BITS Pilani (Dubai Campus), 6. Mr. Aniket Mandekar MS, University of Concordia, Canada, 7. Swapnil Sansare, CEO & Founder of Divide By Zero Technologies, Pune 8. Dr. Jayant Giri YCCE, 9. Prof. Chetan Mahatme YCCE		
<b>Coordinator</b>	<b>Dr. Jayant P. Giri</b> , Associate Professor, Department of Mechanical Engineering, YCCE. <b>Prof. Chetan Mahatme</b> , Assistant Professor, Department of Mechanical Engineering, YCCE.		
<b>Convener</b>	<b>Dr. S.S. Chaudhari</b> , HoD & Associate Professor, Department of Mechanical Engineering, YCCE.		
<b>Registration Fees:</b>	Free, No Fees.		
<b>Target Participants</b>	Faculty, Research scholars, Industry Personals		
<b>Number of Participants</b>	40		
<b>Objective &amp; Outcomes:</b>	<b>Objectives of the workshop:</b> 1) To introduce the Additive manufacturing techniques to the participant 2) To introduce the procedure of readying the parts for 3-d printing 3) To introduce structural analysis of parts before 3-d printing.	<b>Outcome of the Workshop:</b> At the end of the STTP participant should be able 1) To have the knowledge about Additive manufacturing techniques 2) To have the basic knowledge about readying parts for layered manufacturing 3) To analyze the part structurally before additive manufacturing	
<b>Recording Link:</b>	Youtube Playlist link: <a href="https://youtube.com/playlist?list=PLRPQW-L3KDKLLT8QarR-MQnebY3c6Dw9c">https://youtube.com/playlist?list=PLRPQW-L3KDKLLT8QarR-MQnebY3c6Dw9c</a>		
<b>Quiz Link:</b>	<a href="https://forms.gle/NPuiaLfcEsk3RnJh7">https://forms.gle/NPuiaLfcEsk3RnJh7</a>		
<b>Feedback Link:</b>	Day-1 <a href="https://forms.gle/TvwFiAjWf74gCKFt6">https://forms.gle/TvwFiAjWf74gCKFt6</a> Day-2 <a href="https://forms.gle/qe1q9JSjsBEedLXz7">https://forms.gle/qe1q9JSjsBEedLXz7</a> Day-3 <a href="https://forms.gle/bTbwnvVQYqiqvFmT6">https://forms.gle/bTbwnvVQYqiqvFmT6</a> Day-4 <a href="https://forms.gle/ZWP5w4EeKhsfuaQU8">https://forms.gle/ZWP5w4EeKhsfuaQU8</a> Day-5 <a href="https://forms.gle/NPyUdY1uUAavDB6ei7">https://forms.gle/NPyUdY1uUAavDB6ei7</a> Day-6 <a href="https://forms.gle/auEracVKDk9B7ofC9">https://forms.gle/auEracVKDk9B7ofC9</a>		
<b>Photographs:</b>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">             Dr. R.L. Shrivastava Delivering Lecture         </div> <div style="text-align: center;">             Generic AM Process         </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;">             Prof. A. J. Bamnote Delivering Lecture         </div> <div style="text-align: center;">             Dr. J.P. Giri Delivering Lecture         </div> </div>		
	 Dr. S.S. Chaudhari	 Dr. Jayant P. Giri	 Prof. C.A. Mahatme
	Signature of HOD	Signature of Co-ordinator	Signature of Co-ordinator





# Yeshwantrao Chavan College of Engineering

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

(Accredited 'A' Grade by NAAC)

Hingna Road, Wanadongri, Nagpur - 441 110

## Department of Mechanical Engineering

### NOTICE

**Date:-07-08-2020**

All the students of mechanical engineering are hereby informed that Department of Mechanical Engineering is organizing AICTE AQIS sponsored STTP on "Advances in Additive Manufacturing " Phase 2 during 24-08-2020 to 29-08-2020. Only candidates who have successfully completed Phase 1 need to register on or before 17-08-2020. Interested students can contact Dr. J. P. Giri for further instructions.

**Dr.J. P. Giri**

**Coordinator**

**Dr. S. S. Chaudhari**

**HoD ME**

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**

Hon'ble Shri Dattaji Meghe Chairmen, NYSS  
Shri Sagarji Meghe Secretary, NYSS  
Shri Sameerji Meghe Treasurer, NYSS

**Organising Secretary**

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

**Advisory Board**

Dr. R.L. Shrivastava, Mech.Dept. YCCE  
Prof A.J.Bamnote, Mech.Dept. YCCE  
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: jayantpgiri@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**

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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.



# AICTE Approved One-Week STTP under AQIS on

## "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 ,YCCCE	Overview of Additive Manufacturing	rlshrivastava@gmail.com	9764996486
	1.30 pm -3.00 pm	Dr. Jayant Giri Associate Professor ,YCCCE	Open-source slicing interface for 3D printing	jayantpgiri@gmail.com	9822929871
2	25.07.2020 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@ampedv.com	9820639885
	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 Altem Technologies Pvt. Ltd.Pune	Scope of Additive Manufacturing in Industrial Applications	saksham.rastogi@altem.com	9972602526
3	26.07.2020 11.00-12.30	Mr. 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
	2.00-3.30pm	Prof. Chetan Mahatme YCCCE	Generative Design for 3D printing-I	chetanmahatme@gmail.com	8983760646
4	27.07.2020 10.30-11.30	Mr. Aniket Mandlekar MS ,University of Concordia ,Canada	3D printing using Anet a8	asmandlekar@gmail.com	+1(418)2652752
	1.30 pm-3.00 pm	Dr. Jayant Giri YCCCE	Model printing on Maker boat replicator+ and DICOM interface for Medical Applications	Jayantpgiri@gmail.com	9822929871
5	28.07.2020 11.00am -12.30pm	Prof. Chetan Mahatme YCCCE	Generative Design for 3D printing-II	chetanmahatme@gmail.com	8983760646
	2.00 pm -3.30 pm	Prof. A.J.Bamnote YCCCE	Design considerations in Additive manufacturing	anilbamnote@gmail.com	9822736602
6	29.07.2020 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.Bamnote YCCCE	Slicing Algorithm in Additive manufacturing	anilbamnote@gmail.com	9822736602
	3.30-5.00 pm	Dr. Jayant Giri YCCCE	Machine learning approach for Additive Manufacturing	Jayantpgiri@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/7uLS1pMf96ouq7gX6>**

### 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.



**Yeshwantrao Chavan College of Engineering**  
**Department of Mechanical Engineering**  
**Note Sheet**

Date: 10.07.2020

**Subject: Proposal to organize One week AICTE sponsored STTP on "Advances in Additive manufacturing "for faculties, research scholars, Industry professionals".**

AICTE vide letter Ref. No. 34-65/349/RIFD/STTP/Policy-1/2018-19 have sanctioned amount of Rs. 3.00 Lakhs to conduct AICTE sponsore STTP on advances in Addtive manufacturing during session 2019-20. We were in a process to conduct STTP in month of April 2020 ,but due to unfortunate pandemic situation it was not possible. The corresponding communication dated 20.03.2020 regarding postponement of STTP due to pandemic situation was conveyed to Prof. Dilip Malkhede (Adviser-I RIFD).As per the latest communivcation form AICTE dated 25.06.2020 , we can conduct STTP in online mode. We would like to organize one week STTP on "Advances in Additive manufacturing "for faculties, research scholars, Industry professionals " in three pahses (a) 20.07.2020 to 25.07.2020 (b) 24.08.2020 to 29.08.2020 (c) 21.09.2020-26.09.2020. The details about the program are as follows:


Sr. No.	Domain	Details	Remarks
1	No. of participants expected	200 per program	3 STTPs will be organized
2	Fees per participant	Nil	AICTE sponsored
3	Organizers	Cordinator : Dr. Jayant Giri	Co-coordinators : 1.Prof. R.B.Chadge 2.Prof.Chetan Mahatme 3. Dr. R.L.Shrivastava 4. Dr. S.R.Jachak
4	Certification	<ul style="list-style-type: none"> <li>Siemens centre of Excellence ,YCCE</li> </ul>	
5	Estimated expenses	As per AICTE guidelines	93000/- per STTP , Total = 279000/- for 3 STTPs

Renowned experts from academia and industries have consented to deliver expert lecture in the mentioned STTP ,following are the details

- 1.Mr. Shubham Joshi , University of Aachen ,Germany
2. Dr. Priyank Upadyay ,BITS pillani (Dubai Campus)
- 3.Mr. Anket Mandlekar , Concordia University ,Canada
4. Mr. Vinay Mandviya ,TACO Faurecia Design Center,Germany
5. Sagar Gawande ,Altem Tech. Pvt. Ltd. Pune

This is for your kind approval


Submitted for approval to:

*Forwarded*  
  
 10/7/20

Coordinator

Dr.J.P.Giri


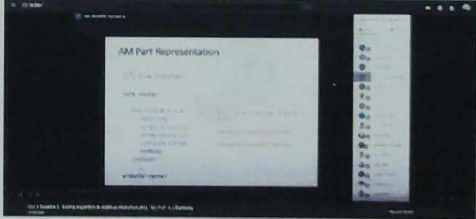
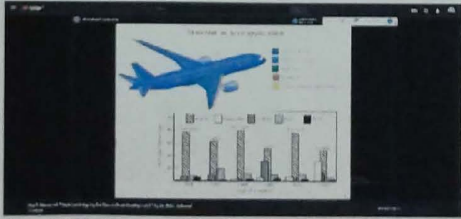

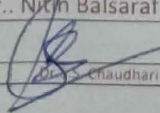

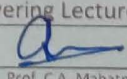
The Principal, YCCE, Nagpur

OK followed all mandats of AICTE/YCCE  
  
 10.07.20  
 HDJ (ME)





**Department of Mechanical Engineering**  
**Report of the AICTE AQIS SPONSORED STTP Phase-II (2020-21)**

<b>Title:</b>	"Advances In Additive Manufacturing" (Online Mode)	
<b>Type:</b>	Short Term Training Program (6days)	
<b>Day / Date &amp; Timing:</b>	24th- 29th August 2020, from: 11.00 am to 05.30 pm	
<b>Resource Person</b>	1. Dr. R.L.S hrivastava, Professor ,YCCE 2. Prof. A.J. Bamnote, YCCE 3. Shubham Joshi University of Aachen ,Germany 4. Saksham Rastogi Application Engineer – Additive Manufacturing Altem Technologies Pvt. Ltd. Pune, 5. 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 AS6. Mr. Aniket Mandlekar MS ,University of Concordia ,Canada, 7. Swapnil Sansare, CEO & Founder of Divide By Zero Technologies, Pune 8. Dr. Jayant Giri YCCE, 9. Prof. Chetan Mahatme YCCE 10. Dr. Nitin Balsaraf IISC Bangalore	
<b>Coordinator</b>	Dr. Jayant P. Giri, Associate Professor, Department of Mechanical Engineering, YCCE. Prof. Chetan Mahatme, Assistant Professor, Department of Mechanical Engineering, YCCE.	
<b>Convener</b>	Dr. S.S. Chaudhari, HoD & Associate Professor, Department of Mechanical Engineering, YCCE.	
<b>Registration Fees:</b>	Free, No Fees.	
<b>Target Participants</b>	Faculty, Research scholars, Industry Personals	
<b>Number of Participants</b>	60	
<b>Objective &amp; Outcomes:</b>	<b>Objectives of the workshop:</b> 1) To introduce the Additive manufacturing techniques to the participant 2) To introduce the procedure of readying the parts for 3-d printing 3) To introduce structural analysis of parts before 3-d printing.	<b>Outcome of the Workshop:</b> At the end of the STTP participant should be able 1) To have the knowledge about Additive manufacturing techniques 2) To have the basic knowledge about readying parts for layered manufacturing 3) To analyze the part structurally before additive manufacturing
<b>Recording Link:</b>	Youtube Playlist link: <a href="https://youtube.com/playlist?list=PLRPQW-L3KDKKa3NHYSRk-LzlwM6KtyZ1">https://youtube.com/playlist?list=PLRPQW-L3KDKKa3NHYSRk-LzlwM6KtyZ1</a>	
<b>Quiz Link:</b>	<a href="https://forms.gle/hN6XMyrz1YYbBPTq5">https://forms.gle/hN6XMyrz1YYbBPTq5</a>	
<b>Feedback Link:</b>	Day-1: <a href="https://forms.gle/C1nrtKtQXcF2rGf66">https://forms.gle/C1nrtKtQXcF2rGf66</a> Day-2: <a href="https://forms.gle/UBy18q6VnXfFZ1gg6">https://forms.gle/UBy18q6VnXfFZ1gg6</a> Day-3: <a href="https://forms.gle/e2PBA45VZf5HQUJs5">https://forms.gle/e2PBA45VZf5HQUJs5</a> Day-4: <a href="https://forms.gle/KrV2w2fpeP9sRb1WA">https://forms.gle/KrV2w2fpeP9sRb1WA</a> Day-5: <a href="https://forms.gle/63dZVCokvFWJvQyG7">https://forms.gle/63dZVCokvFWJvQyG7</a> Day-6: <a href="https://forms.gle/H4XaibRJT2QhBeen6">https://forms.gle/H4XaibRJT2QhBeen6</a>	
<b>Photographs:</b>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Dr. R.L. Shrivastava Inaugural Function</p> </div> <div style="text-align: center;">  <p>Prof. A.J. Bamnote Delivering Lecture</p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;">  <p>Dr. Nitin Balsaraf Delivering Lecture</p> </div> <div style="text-align: center;">  <p>Prof. C.A. Mahatme Delivering Lecture</p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;">         Dr. S.S. Chaudhari        Signature of HOD     </div> <div style="text-align: center;">         Dr. Jayant P. Giri        Signature of Co-ordinator     </div> <div style="text-align: center;">         Prof. C.A. Mahatme        Signature of Co-ordinator     </div> </div>	



# Yeshwantrao Chavan College of Engineering

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

(Accredited 'A' Grade by NAAC)  
Hingna Road, Wanadongri, Nagpur - 441 110

## Department of Mechanical Engineering

### NOTICE

**Date:-09-09-2020**

All the students of mechanical engineering are hereby informed that Department of Mechanical Engineering is organizing AICTE AQIS sponsored STTP on "Advances in Additive Manufacturing " Phase 3 during 21-09-2020 to 26-09-2020. Only candidates who have successfully completed Phase 1 and Phase 2 need to register on or before 16-09-2020. Interested students can contact Dr. J. P. Giri for further instructions.

**Dr.J. P. Giri**

**Coordinator**

**Dr. S. S. Chaudhari**

**HoD ME**



AICTE Approved One-Week STTP  
under AQIS

On

**“Advances In Additive  
Manufacturing”**

Organised by

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

From

21st- 26th September, 2020



Organized by



Department of Mechanical Engineering

Yeshwantrao Chavan College of  
Engineering, Nagpur-441110

**Chief Patron**

Hon'ble Shri Dattaji Meghe Chairmen, NYSS  
Shri Sagarji Meghe Secretary, NYSS  
Shri Sameerji Meghe Treasurer, NYSS

**Organising Secretary**

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

**Advisory Board**

Dr. R.L. Shrivastava, Mech.Dept. YCCE  
Prof A.J.Bamnote, Mech.Dept. YCCE  
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: jayantpgiri@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 Yuwak 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 profession-als, becoming a sought after destination for students aspir-ing 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 hav-ing 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 ad-mitted 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.

**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.



# AICTE Approved One-Week STTP under AQIS on

## *"Advances In Additive Manufacturing"*

Duration: 21st-26th September, 2020

### Schedule Plan

Day	Date and Time	Speaker	Topic	Mail id	Contact number
1	21.09.2020 11.00am -12.30pm	Dr. R.L.Shrivastava Professor ,YCCE	Overview of Additive Manufacturing	rshrivastava@gmail.com	9764996486
	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@ampedv.com	9820639885
	1.00-2.30 pm	Mr. Saksham Rastogi Application Engineer – Additive Manufacturing Altem Technologies Pvt. Ltd.Pune	Technology overview, Trends in Market, Applications in manufacturing perspective and relative industrial case studies both global and Indian.	saksham.rastogi@altem.com	9972602526
	3.30 -5.00 pm	Prof. A.J.Bamnote YCCE	Design considerations in Additive manufacturing	anilbamnote@gmail.com	9822736602
3	23.09.2020 11.00-12.30	Mr. Saksham Rastogi Application Engineer – Additive Manufacturing Altem 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@altem.com	9972602526
	2.00-3.30pm	Prof. Chetan Mahatme YCCE	Generative Design for 3D printing-I	chetanmahatme@gmail.com	8983760646
4	24.09.2020 10.30-12.00	Mr. Aniket Mandlekar MS ,University of Concordia ,Canada	3D printing using Anet a8	asmandlekar@gmail.com	+1(418)2652752
	1.30 pm-3.00 pm	Dr. Jayant Giri Associate Professor ,YCCE	Open-source slicing interface for 3D printing	jayantpgiri@gmail.com	9822929871
5	25.09.2020 11.00am -12.30pm	Prof. Chetan Mahatme YCCE	Generative Design for 3D printing-II	chetanmahatme@gmail.com	8983760646
	2.00 pm -3.30 pm	Dr. Jayant Giri YCCE	Model printing on Maker boat 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.Bamnote YCCE	Slicing Algorithm in Additive manufacturing	anilbamnote@gmail.com	9822736602
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Register online

**Registration at: <https://forms.gle/yX9Sx5VrC1R66M1f7>**

#### **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,



**Yeshwantrao Chavan College of Engineering**  
**Department of Mechanical Engineering**  
**Note Sheet**

Date: 10.07.2020

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Sr. No.	Domain	Details	Remarks
1	No. of participants expected	200 per program	3 STTPs will be organized
2	Fees per participant	Nil	AICTE sponsored
3	Organizers	Cordinator : Dr. Jayant Giri	Co-coordinators : 1.Prof. R.B.Chadge 2.Prof.Chetan Mahatme 3. Dr. R.L.Shrivastava 4. Dr. S.R.Jachak
4	Certification	• Siemens centre of Excellence ,YCCE	
5	Estimated expenses	As per AICTE guidelines	93000/- per STTP , Total = 279000/- for 3 STTPs

Renowned experts from academia and industries have consented to deliver expert lecture in the mentioned STTP ,following are the details

- 1.Mr. Shubham Joshi , University of Aachen ,Germany
2. Dr. Priyank Upadyay ,BITS pillani (Dubai Campus)
- 3.Mr. Anket Mandlekar , Concordia University ,Canada
4. Mr. Vinay Mandviya ,TACO Faurecia Design Center,Germany
5. Sagar Gawande ,Altem Tech. Pvt. Ltd. Pune

This is for your kind approval


Submitted for approval to:

*Forwarded*  
  
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Coordinator

Dr.J.P.Giri

The Principal, YCCE, Nagpur


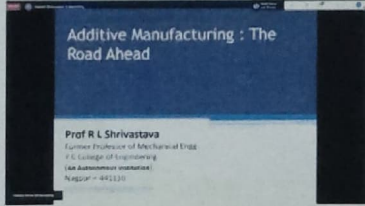
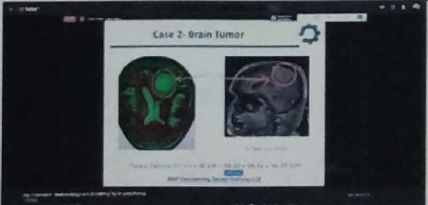
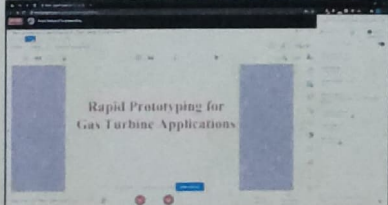
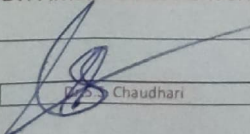

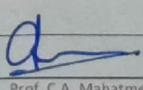
OK followed all mandats of AICTE/YCCE  
  
 10.07.20  
 HDJ (ME)





**Department of Mechanical Engineering**

**Report of the AICTE AQIS SPONSORED STTP Phase-III (2020-21)**

<b>Title:</b>	"Advances In AdditiveManufacturing" (Online Mode)		
<b>Type:</b>	Short Term Training Program (6days)		
<b>Day / Date &amp;Timing:</b>	21st- 26th September, 2020, from: 11.00 am to 05.30 pm		
<b>Resource Person</b>	1.Dr. R.L. Shrivastava, Professor ,YCCE 2. Prof. A.J. Bamnote, YCCE 3. Shubham JoshiUniversity of Aachen ,Germany 4.Saksham RastogiApplication Engineer – Additive Manufacturing Altem Technologies Pvt. Ltd. Pune, 5.Dr. Priyank Upadhyay BITS Pilani (Dubai Campus), 6.Mr. Aniket Mandlekar MS ,University of Concordia ,Canada, 7.SwapnilSansare, CEO & Founder of Divide By Zero Technologies, Pune 8. Dr. Jayant Giri YCCE, 9. Prof. Chetan MahatmeYCCE		
<b>Coordinator</b>	<b>Dr. Jayant P. Giri</b> , Associate Professor, Department of Mechanical Engineering, YCCE. <b>Prof. Chetan Mahatme</b> , Assistant Professor, Department of Mechanical Engineering, YCCE.		
<b>Convener</b>	<b>Dr. S.S. Chaudhari</b> , HoD & Associate Professor, Department of Mechanical Engineering, YCCE.		
<b>Registration Fees:</b>	Free, No Fees.		
<b>Target Participants</b>	Faculty, Research scholars, Industry Personals		
<b>Number of Participants</b>	50		
<b>Objective &amp; Outcomes:</b>	<b>Objectives of the workshop:</b> 1) To introduce the Additive manufacturing techniques to the participant 2) To introduce the procedure of readying the parts for 3-d printing 3) To introduce structural analysis of parts before 3-d printing.	<b>Outcome of the Workshop:</b> At the end of the STTPparticipant should be able 1) To have the knowledge about Additive manufacturing techniques 2) To have the basic knowledge about readying parts for layered manufacturing 3) To analyze the part structurally before additive manufacturing	
<b>Recording Link:</b>	Youtube Playlist link: <a href="https://youtube.com/playlist?list=PLRPQW-L3KDKKA_VLSV7ySbBO14BKNGnfj">https://youtube.com/playlist?list=PLRPQW-L3KDKKA_VLSV7ySbBO14BKNGnfj</a>		
<b>Quiz Link:</b>	<a href="https://forms.gle/14nYBe6niMKRDHYo9">https://forms.gle/14nYBe6niMKRDHYo9</a>		
<b>Feedback Link:</b>	Day-1 <a href="https://forms.gle/h8YxKGct8otQ5pki7">https://forms.gle/h8YxKGct8otQ5pki7</a> Day-2 <a href="https://forms.gle/ZdvQCVcSEvBFJv4s6">https://forms.gle/ZdvQCVcSEvBFJv4s6</a> Day-3 <a href="https://forms.gle/WtwNtPR9R763Tovv6">https://forms.gle/WtwNtPR9R763Tovv6</a> Day-4 <a href="https://forms.gle/m5AQTW8UYd4Zudp2A">https://forms.gle/m5AQTW8UYd4Zudp2A</a> Day-5 <a href="https://forms.gle/cGajpCSP61Uv3PT88">https://forms.gle/cGajpCSP61Uv3PT88</a> Day-6 <a href="https://forms.gle/L4GwCEAv85RWzKHL8">https://forms.gle/L4GwCEAv85RWzKHL8</a>		
<b>Photographs:</b>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">             Inaugural Function         </div> <div style="text-align: center;">             Dr. R.L. Shrivastava Delivering Lecture         </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;">             Dr. Amar Pathal Delivering Lecture         </div> <div style="text-align: center;">             Dr. Nitin Balsaraf Delivering Lecture         </div> </div>		
	 S.S. Chaudhari	 Dr. Jayant P. Giri	 Prof. C.A. Mahatme
	Signature of HOD	Signature of Co-ordinator	Signature of Co-ordinator





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 Electrical Engineering

FOUR WEEKS VALUE ADDED COURSE ON "IoT PROGRAMMING" [15<sup>th</sup> MARCH- 14<sup>th</sup> APRIL 2021]

ORGANIZED BY: YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING, Wanadongri, Nagpur.

Detailed Schedule of Course

Day and Date	Speaker and Deisgnation	Topic
Monday 15-03-2021	Dr.S.G.Kadwane, Prof Electrical Engineering Department, YCCE.	Basic of IoT Programming
Wednesday 17-03-2021	Dr.S.G.Kadwane, Prof Electrical Engineering Department, YCCE	Basic of Arduino
Thursday 18-03-2021	Dr.S.G.Kadwane, Prof Electrical Engineering Department, YCCE	Programing of Arduino Uno
Monday 22-03-2021	Dr.Pravin Zode, Assistant Professor, Electronics Department, YCCE.	Internet of Things for Industry
Wednesday 24-03-2021	Prof.Smita Kapse, Assistant Professor, Department of Computer Technology, YCCE.	Simulating IoT based Projects
Thursday 25-03-2021	Prof.Smita Kapse, Assistant Professor, Department of Computer Technology, YCCE.	Simulating IoT based Projects
Wednesday 31-03-21	Dr. Umesh Shinde, Director Skywings Technology, Pune.	Data logging and Remote Control
Thursday 01-04-2021	Dr.S.G.Kadwane, Prof Electrical Engineering Department, YCCE	LCD Programming in Arduino
Monday 05-04-2021	Dr.S.G.Kadwane, Prof Electrical Engineering Department, YCCE	Arduino based Projects
Wednesday 07-04-2021	Dr.S.G.Kadwane, Prof Electrical Engineering Department, YCCE	Arduino based Projects
Thursday 08-04-2021	Dr.S.G.Kadwane, Prof Electrical Engineering Department, YCCE	Introdcution to ESP 32
Monday 12-04-2021	Dr.S.G.Kadwane, Prof Electrical Engineering Department, YCCE	Programing ESP 32
Wednesday 14-04-2021	Dr.S.G.Kadwane, Prof Electrical Engineering Department, YCCE	Projects on ESP 32

Prof. B.S.Sudame  
Coordinator

Dr S.P.Adhau  
HoD EL





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## Department of Electrical Engineering

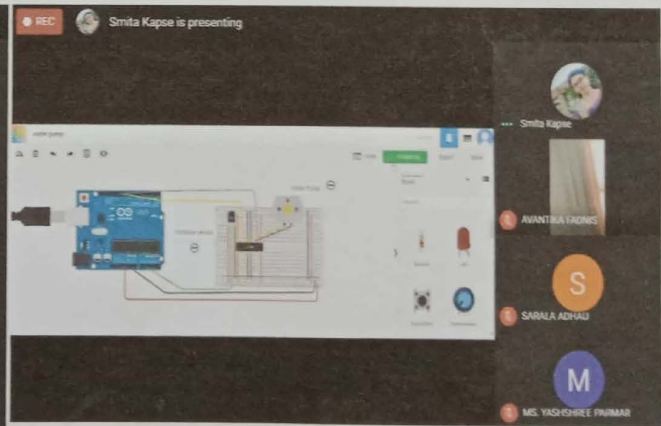
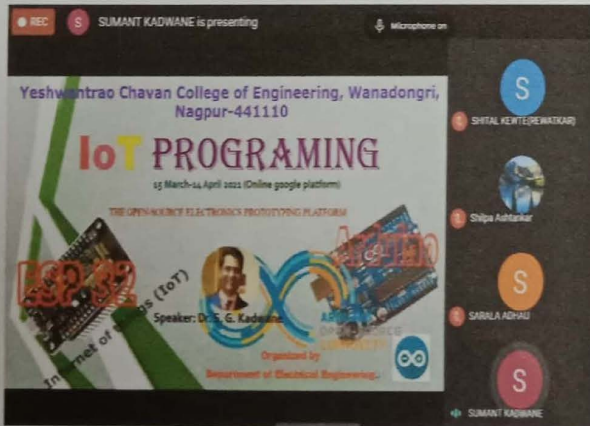
### Report on four week Certificate course on "IoT Programming"

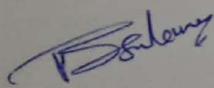
Electrical Engineering Department of YCCE Nagpur organized Certificate Course on "IoT Programming" from 15<sup>th</sup> March to 14<sup>th</sup> April 2021. The course was organized for the students of Eight Semester (EL).

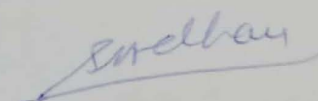
The session was conducted by experts on different topics. He guided the students about the new horizons for Arduino and IoT Programming. He highlighted about the different aspects and application of IoT programming.

Head of Department Dr S.P. Adhau and faculty members of the department were present for the Course. The program was compered by Dr. S.G.Kadwane. The department thanked Secretary of NYSS Shri. Sagarji Meghe and Principal Dr. U.P. Waghe for supporting the event.

Topic	Speaker	Designation	No. of Participants
Basic of IoT Programming and Arduino	Dr. S.G.Kadwane	Professor Department of Electrical Engineering, Y.C.C.E	60
Internet of Things for Industry	Dr. Pravin Zode	Assistant Professor Department of Electronics Engineering, Y.C.C.E.	
Simulating IoT based Projects (TINKERCAD)	Prof. Smita Kapse	Assistant Professor Department of Computer Technology, Y.C.C.E.	
Arduino Projects.	Dr. S.G.Kadwane	Professor Department of Electrical Engineering, Y.C.C.E	
Data logging and Remote Control	Dr. U.K.Shinde	CEO, Skywings Technology, Pune.	



  
Prof. B.S.Sudame  
Co-ordinator

  
Dr. S.P.Adhau  
Head (Electrical Engineering)  
YCCE Nagpur



Nagar Yuwak Shikshan Sanstha's  
**Yeshwantrao Chavan College of Engineering, Nagpur**  
An Autonomous Institution Affiliated to Rashtrasant Tukdoji Maharaj Nagpur University

Department of Electrical Engineering presents

4 Week Certificate Course on

Date 15 March to 14 April 2021

# IoT Programming

(Introductory Arduino and Internet of Things)

Mon, Wed, Thus Online Classes 4-5.30PM Saturday 10AM-3.00PM Hands on lab at YCCE

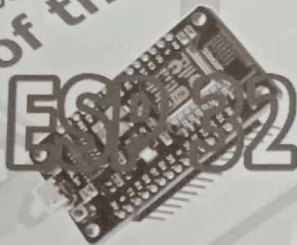
Hands on  
Experience  
only at YCCE



Registration Charges  
₹700/- per candidate  
for first 30 registrations only

Limited seats only.

Internet of things (IoT)



Project 1: Interfacing LED

Project 2: Interfacing DHT Sensor and Serial Monitor

Project 3: Interfacing LCD

Project 4: Interfacing Ultrasonic sensors/Gas sensor/Relay

Project 5: Wifi connection for LED control

Project 6: Getting data of DHT on web page

Contact: Ph-7038490766,  
Email:iotpycce@gmail.com



Dr. U. P. Waghe  
Principal, YCCE



Convener: Dr. S. P. Adhau  
HoD, Dept. of Electrical Engg.



Coordinator: Dr. S. G. Kadwane  
Professor, EL



Coordinator: Prof. B. S. Sudame  
Assistant Professor, EL



Collaborator : Dr. U. K. Shinde  
CEO, Skywings Technology, Pune





Nagar YuwakShikshanSanstha's

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Department of Electronics Engineering

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Date: 10/09/2020

## Notice

All the students of all Semesters and all branches are hereby informed that department of Electronics Engineering is organizing One Week SDP on “**C and CPP**” from 21Sept 2020 to 26 Sept 2020 in association with IIT Bombay under Spoken Tutorial Project.

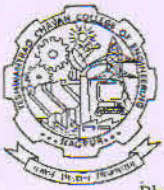
**Coordinator:**

  
**Dr.U.S.Ghodeswar**



**Dr. P.T.Karule**  
**HoD, EEDept**





Nagar YuwakShikshanSanstha's

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## Department of Electronics Engineering

### Report on One Week Online Students Development Programme On "C and CPP" in association with Spoken Tutorial Project , IIT Bombay

The One Week Online Student Development Programme On " C and CPP " was organized by Department of Electronics Engineering in association with Spoken Tutorial Project , IIT Bombay for students of all branches from 21st September to 26th September.

The Student Development Programme covered introduction of C and CPP followed by Tokens, functions , scope of variables, If and Else If statement, Arithmetic operators, Relational operators, Logical operators, Arrays, Loop, String, Structures, Pointers, Function call and File handling .


This Student Development Programme was organized by Dr. U. S. Ghodeswar, Dr.Y.A.Gaidhani, Dr.M.N.Kalbande. Study material was provided to all the participants registered for the program. Total 95 students were registered for the course. Exam was conducted for the participants on 26<sup>th</sup> September on C and CPP. Certificates were given to the students by Spoken Tutorial, IIT, Bombay and also Participation certificates were given to the students by Department of Electronics Engineering .

  
Dr.U.S.Ghodeswar

Co Ordinator

  
Dr.M.N.Kalbande

Co Ordinator

  
Dr.Y.A.Gaidhani

Co Ordinator

  
Dr.P.T.Karule

HOD EE

HOD

Department of Electronics Engineering,  
YCCE Nagpur





Nagar YuwakShikshanSanstha's

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Department of Electronics Engineering

Date: 10/03/2021

## Notice

All the students of all branches are hereby informed that department of Electronics Engineering is organizing One Week SDP on “**Python Programming & its Applications**” from 20 March 2021 to 3 April 2021 in association with APS Microtech Private Limited Nagpur.

**Dr.A.S.Khobragade**  
Co Ordinator

**Dr.Y.A.Gaidhani**  
Co Ordinator





Nagar Yuwak Shikshan Sanstha's

## Yeshwantrao Chavan College of Engineering

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### Department of Electronics Engineering


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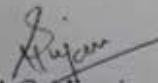
**Report on  
One Week Online  
Students Development Programme  
On "Python Programming & its Applications" in association with APS  
Microtech Private limited Nagpur**

The One Week Online Student Development Programme On "Python Programming & its Applications " was organized by Department of Electronics Engineering in association with APS Microtech Private limited Nagpur for students of all branches on 20th,21st ,27th,28th March & 3rd April 2021

The Student Development Programme covered Python Basics, Collection Datatype, Control Statement Looping, Transfer Statement, Functions, Modules, Package, Exception Handling, OOPs, Class, Object, Multithreading.

This Student Development Programme was organized by Dr. A.S.Khobragade and Dr.Y.A.Gaidhani. Study material was provided to all the participants registered for the program. Total 40 students were registered for the course. Certificates were given to the students by Department of Electronics Engineering in association with APS Microtech Private limited Nagpur .

  
Dr.A.S.Khobragade  
Co Ordinator

  
Dr.Y.A.Gaidhani  
Co Ordinator





Nagar YuwakShikshanSanstha's

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## Department of Electronics Engineering

Date: 20/08/2021

### Notice

All the students of all branches are hereby informed that department of Electronics Engineering is organizing One Week Value added course on **“Python Programming, its Applications & Data Science”** from 28 August 2021 to 11 Sept 2021 in association with APS Microtech Private Limited Nagpur.

**Dr.A.S.Khobragade**  
Co Ordinator

**Dr.Y.A.Gaidhani**  
Co Ordinator



Date: 17/09/2021

**REPORT**

One Week Online  
Value Added Course  
On "Python Programming ,its Applications & Data Science" in association with APS  
Microtech Private limited Nagpur

Title: PythonProgramming ,its Applications & Data Science

Dates: 28<sup>th</sup>,29<sup>th</sup> August 4<sup>th</sup> , 5<sup>th</sup>& 11<sup>th</sup> September 2021

External Speaker: Mr.PrashantJha, APS MicrotechPvt Ltd. Nagpur

Coordinators:Dr.A.S.Khobragade ,Dr.Y.A.Gaidhani

No. of participant: 80







Nagar YuwakShikshanSanstha's

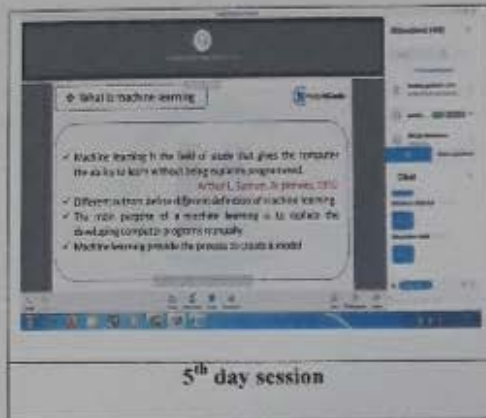
## Yeshwantrao Chavan College of Engineering

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Department of Electronics Engineering



### Objective of the workshop :-

The objective of the workshop is to groom the participants for handling Python programming & data science and research problems in the concern area. In this direction this is a unique opportunity for the fraternity working on python & data science to gain knowledge and hands on pertaining to the latest developments in these areas

### Summary of the workshop :- ( in Short )

The One Week Online Value added Course On "Python Programming ,its Applications & Data Science " was organized by Department of Electronics Engineering in association with APS Microtech Private limited Nagpur for V semester students of Electronics branch on 28<sup>th</sup>, 29<sup>th</sup> August 4<sup>th</sup>, 5<sup>th</sup> & 11<sup>th</sup> September 2021

The Value added Course covered History and Hierarchy of python languages, Application of python , Data types and Variable (Practicals), Collection Datatype, Control Statement Looping, Transfer Statement (Practicals), Functions, Modules, Package, Exception Handling (Practicals), Polymorphism, Abstraction, Encapsulation, Numpy Introduction of Machine learning, Application of Machine Learning (Practicals), Data pre processing, Dataset based pre processing, Simple Linear Regression, Multiple Linear Regression (Practicals)

This Value added Course was organized by Dr. A.S.Khobragade and Dr. Y.A.Gaidhani, Study material was provided to all the participants registered for the program. Total 80 students were



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## Department of Electronics Engineering

registered for the course. Certificates were given to the students by APS Microtech Private limited Nagpur.

### Coordinators

### HoD, EE Dept

Dr.A.S.Khobragade

Dr. R.D.Thakare

Dr.Y.A.Gaidhani





Nagar YuwakShikshanSanstha's

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## Department of Electronics Engineering

Date: 05/09/2021

### Notice

All the students of all Semesters and all branches are hereby informed that department of Electronics Engineering is organizing Six day SDP on **“BASICS OF ARDUINO”** from 13 Sept 2021 to 18 Sept 2021 in association with IIT Bombay under Spoken Tutorial Project.

**Coordinator:**

**Prof.K.G.Pande**

**Dr. R.D.Thakare**  
**HoD, EE Dept**



Nagar YuwakShikshanSanstha's  
**YeshwantraoChavan College of Engineering**

(An Autonomous Institution affiliated to Rashtrasant TukadojiMaharaj 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. ShriDattaji Meghe**

Chairman,

Nagar YuwakShikshanSanstha'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

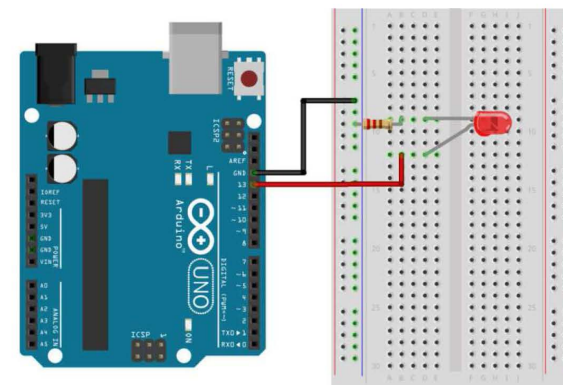
#### 1. Resource Material Available:

[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

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## Department of Electronics Engineering

Date: 28.09.2021

### Report

Department of Electronics Engineering organized Six day Student Development Program on “**Basics of Arduino**” in association with **Indian Institute of Technology, Bombay** under **Spoken Tutorial Project** for the students of all branch and semester of YCCE. Total 340 Students participated.

Committee Member:

- Prof. A. B. Thatere
- Prof. K. G. Pande
- Prof. A. A. Peshattiwar

Day	Date	Topic
Day 1	13.09.2021	<ul style="list-style-type: none"><li>• Overview of Arduino.</li><li>• Electronic components and connections.</li></ul>
Day 2	14.09.2021	<ul style="list-style-type: none"><li>• Introduction to Arduino.</li><li>• Arduino components and IDE.</li></ul>
Day 3	15.09.2021	<ul style="list-style-type: none"><li>• First Arduino Program.</li><li>• Arduino with Tricolor LED and Push button.</li></ul>
Day 4	16.09.2021	<ul style="list-style-type: none"><li>• Arduino with LCD.</li><li>• Arduino with Display counter using Arduino.</li></ul>
Day 5	17.09.2021	<ul style="list-style-type: none"><li>• Arduino with Seven Segment Display.</li><li>• Arduino with Pulse Width Modulation</li></ul>
Day 6	18.09.2021	<ul style="list-style-type: none"><li>• Arduino with Analog to Digital Conversion.</li><li>• Arduino with Wireless Connectivity to Arduino</li></ul>

Dr. R.D.Thakare  
HoD,EE

Prof. A.B.Thatere  
Co-ordinator





Nagar Yuwak Shikshan Sanstha's

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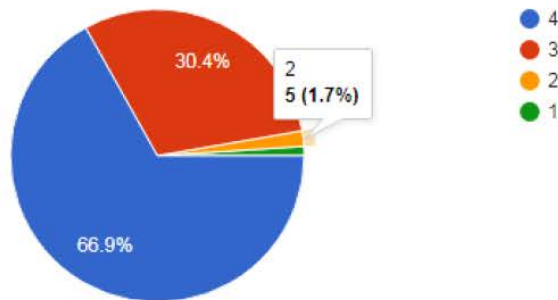
## Department of Electronics Engineering

### Feedback

Workshop objective were stated clearly and met



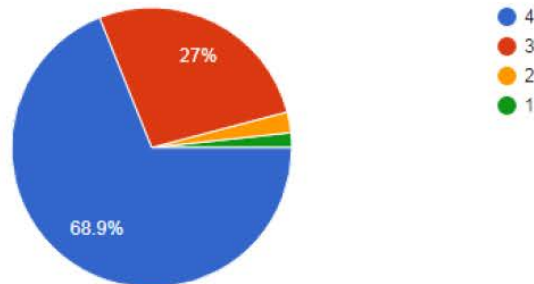
293 responses



The workshop was well organized



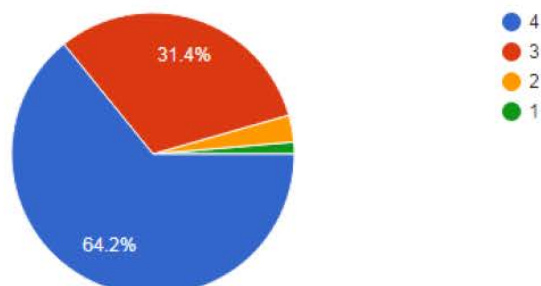
293 responses



The workshop helped me to learn how to work effectively with my peers in a workshop setting



293 responses





Nagar Yuwak Shikshan Sanstha's

# Yeshwantrao Chavan College of Engineering

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

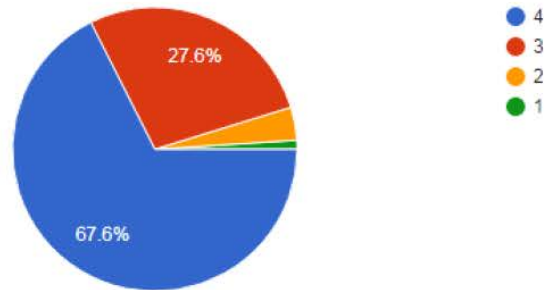
Hingna Road, Wanadongri, Nagpur - 441 110

Ph.: 07104-237919, 234623, 329249, 329250 Website: [www.ycce.edu](http://www.ycce.edu), Email: [principal@ycce.edu](mailto:principal@ycce.edu)

## Department of Electronics Engineering

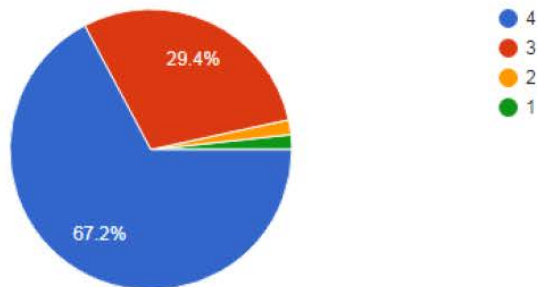
The information and/or skills presented were relevant and useful

293 responses



This workshop increased my knowledge and skill in Arduino

293 responses







# Yeshwantrao Chavan College of Engineering



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

Accredited 'A' Grade by NAAC

Hingna Road, Wanadongri, Nagpur- 441110

## Department of Electronics Engineering

# Certificate of Participation

This is to certify that **Vardhaman Anil Bhandari** has participated in Online Faculty Development Program on “Basics of Arduino” organized by Department of Electronics Engineering, Yeshwantrao Chavan College of Engineering, Nagpur from 13<sup>th</sup> - 18<sup>th</sup> September 2021 in association with Spoken Tutorial Project, **Indian Institute of Technology, Bombay**, Funded by National Mission on Education through ICT, MHRD, Govt.

o

**Prof. A. B. Thatere**  
Coordinator

**Prof. K. G. Pande**  
Coordinator

**Prof. A. A. Peshattiwar**  
Coordinator

**Dr. R. D. Thakare**  
HoD, EE

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



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

Date: 02/03/21

## Notice

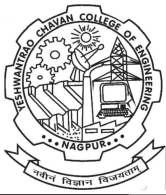
**All the students of 7th Semester Electronics and Telecommunication Engineering department are hereby informed that ET department is organizing One Week Certification course on "Design, Fabrication and Testing of Antenna and Design Issues in Modern Antenna" dated from 08/03/2021 to 13/03/2021. Interested Students are required to Enroll their name and email ID to Class representative of a particular section.**



**Dr. M.S.Narlawar**

**HoD, ET Dept.**





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## Department of Electronics and Telecommunication Engineering

Date: 15/03/2021

### REPORT

**Title: Certification Course on “Design, Fabrication and testing of Antenna and Design issues in Modern Antenna”**

**Date:** 08<sup>th</sup> to 13<sup>th</sup> March 2021

**Time:** 10 AM to 5 PM

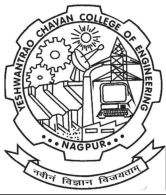
**Mode of Conduction:** Meet platform

**Coordinator:** Prof. A. A. Madankar.

**No. of participant:** 100

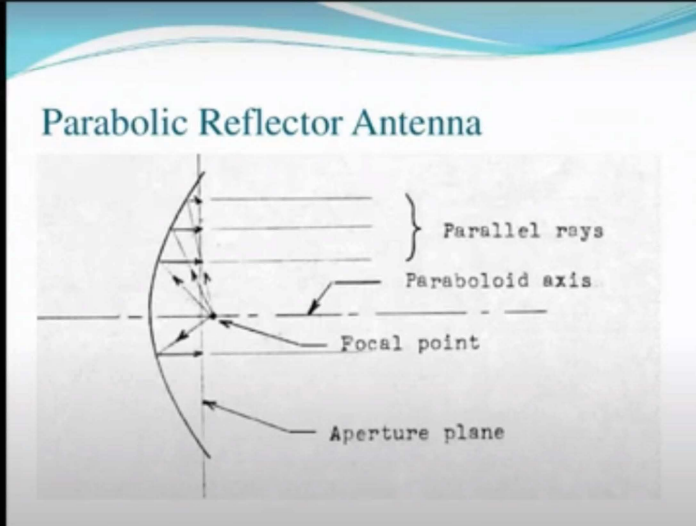
Department of Electronics and Telecommunication has organized a One week **Certification Course on “Design, Fabrication and testing of Antenna and Design issues in Modern Antenna”** for the Students of All semester from 08<sup>th</sup> to 13<sup>th</sup> March 2021. The workshop was conducted by Prof. A. A. Madankar. On day one Prof. A. A. Madankar brief about the introduction to the different antennas and their applications. On the second day of the workshop, the main focus was mainly on the Microstrip patch antenna designing, Dr. M. S. Narlawar was the speaker for the second day. On the third day Dr. S. S. Khade brief about the MIMO antenna designing, their use and designing challenges. On the fourth day, Dr. M. S. Narlawar delivered the lecture on antenna for cognitive radio application. On the fifth day, Dr. P. S. Ashtankar discussed briefly about the Ultra wide band antenna. Students understood all the concepts of ultra wide band antennas. On the last day, hands on training were given to all the students by Prof. A. A. Madankar and Dr. S. S. Khade. Students designed a 5g antenna for the Wifi application.

In this certification course there were more than 100 students participant from all the years.

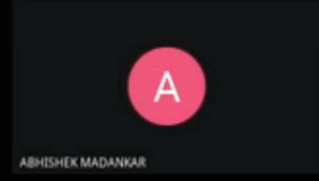


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mar 8 2/6



Go web



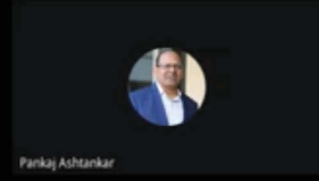
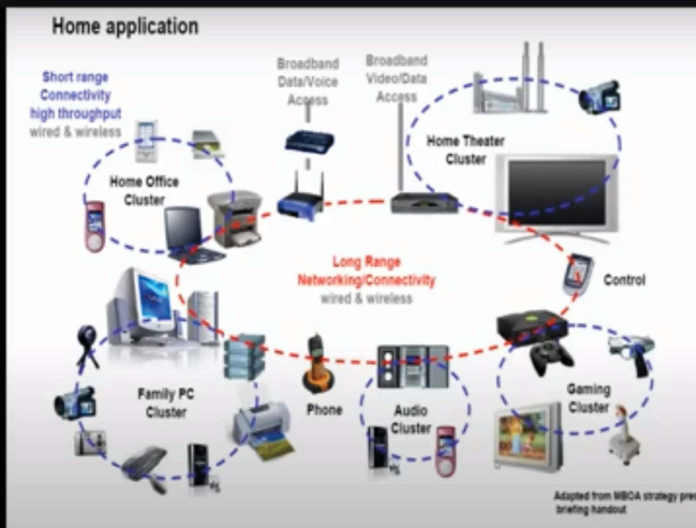
ABHISHEK MADANKAR

30:59 / 1:07:54



okc-doxn-jvz (2021-03-12 at 01:48 GMT-8)

mar 13 0/0



Pankaj Ashtankar

1:10:56 / 1:38:09







Nagar YuwakShikshanSanstha's

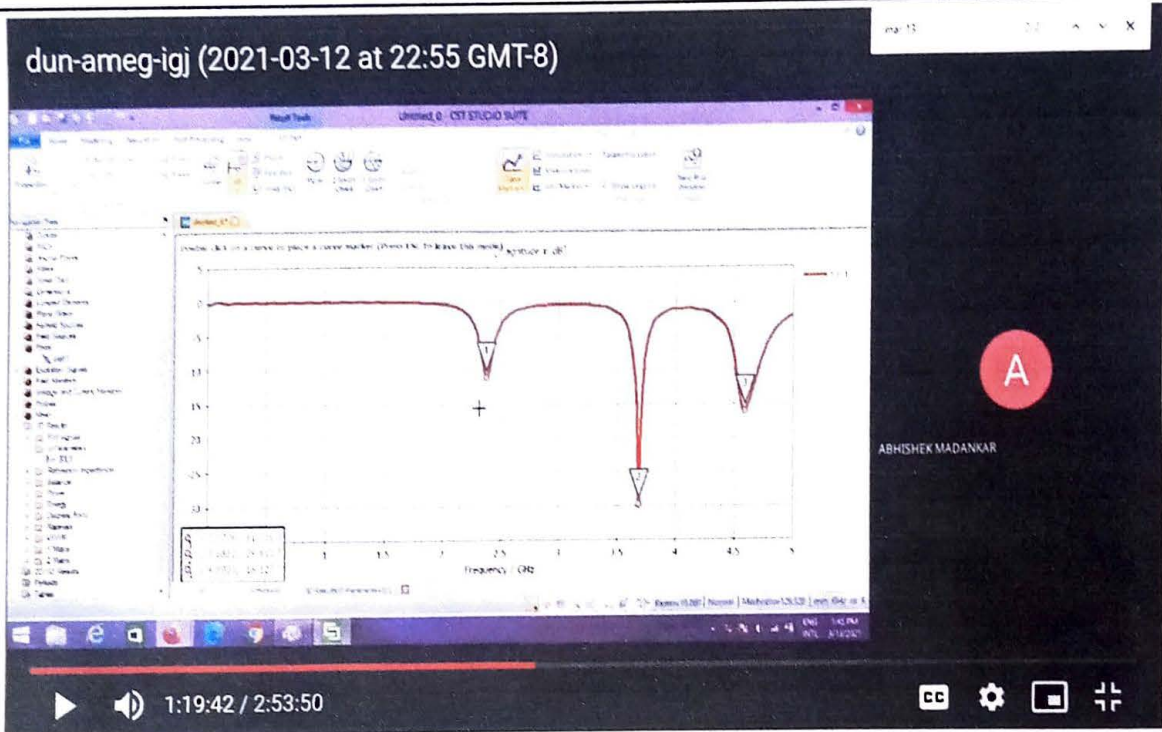
# shwantraoChavan College of Engineering

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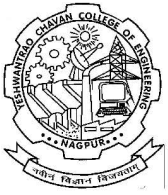
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Department of Electronics and Telecommunication Engineering



Prof. A. A. Madankar.  
STTP Coordinator .  
ET, Dept. Y.C.C.E.

Dr. M.S. Narlawar  
ET, Dept. Y.C.C.E.  
H.O.D.



Nagar Yuwak Shikshan Sanstha's

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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:

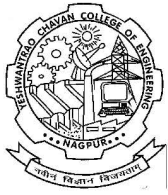
Last Date of registration: 24.06.2020

Faculty Coordinators:

Prof. S. A. Desai

Prof. C. S. Gode





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Department of Electronics and Telecommunication Engineering

## Schedule of SDP

Date	10.00am to 12.00	12.30pm to 2.30pm	2.30pm to 3.30pm
26.06.2020	Arduino programming and interfacing	Solving assignment by students on virtual platform	Discssion on assignmt and doubt solving
27.06.2020	ARM 7 Programing and Interfacing	Solving assignment by students on virtual platform	Discssion on assignmt and doubt solving
28.06.2020	Iot using Raspberry pi	Solving assignment by students on virtual platform	Discssion on assignmt and doubt solving
29.06.2020	IoT using Node MCU	Solving assignment by students on virtual platform	Discssion on assignmt and doubt solving
30.06.2020	ATMEGA 16 Programing and Interfacing	Solving assignment by students on virtual platform	Discssion on assignmt and doubt solving
01.07.2020	ATMEGA 16 Programing and Interfacing	Solving assignment by students on virtual platform	Discssion on assignmt and doubt solving



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Department of Electronics and Telecommunication Engineering

Date:-10/07/2020

**Report of Six days Student Development Program (SDP) on**  
**“Advances in Embedded systems and IoT”**

In order to build the interest of students in the field of embedded systems and internet of things, department of Electronics and Telecommunication Engineering organized Six day online Student development program on “**Advances in Embedded systems and IoT**” for the students of all branches of B.E. and M. Tech. during 26<sup>th</sup> June to 1<sup>st</sup> July 2020. This course aims to introduce to the participants most popular microcontrollers and development and its usage with extensive hands on exposure. Course contents were

- Introduction to Arduino Uno board, sensor interfacing and mini project based on Arduino board.
- Virtual environments for Arduino boards.
- Interfacing with ARM7 controller.
- Internet of things and development of raspberry pi based weather station as an application of IoT.
- IoT using Node MCU development board.
- ATMEGA 16 programming and interfacing.

Total 81 students were registered for this event. The participants were from YCCE, JD College etc.

Prof. S.A.Desai  
Co-ordinator

Prof. C.S.Gode  
Co-ordinator

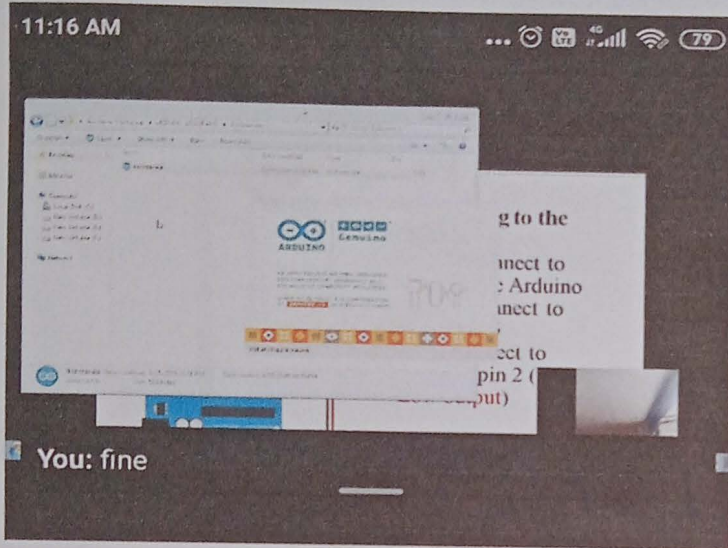
Dr. M. S. Narlawar  
HoD,ET





Nagar Yuwak Shikshan Sanstha's  
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Department of Electronics and Telecommunication Engineering



(47)

Ritika Potturi 9 mins

Yes sir

Deepti Yeole 9 mins

Yes sir

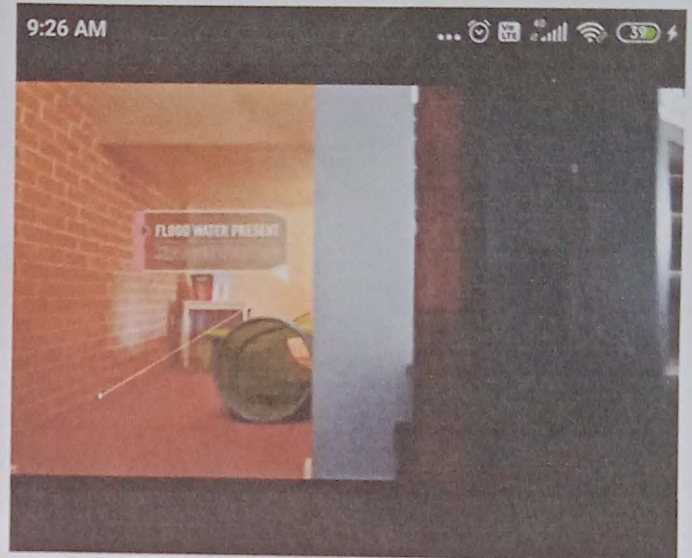
MS. AISHWARYA UJJAINKAR 9 mins

Yes sir

Aditi Khawase 9 mins

Yes sir

Send a message to everyone here



(59)

SANDIP DESAI (You)

SANDIP DESAI >

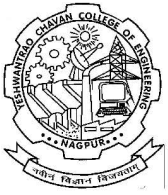
MS. ANJALI GAYKWAD >

MR. SAUJANDU ROY >

Photographs Showing Online lecture conducted through Google meet platform

S.A. Desai

C.S. Gode



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Department of Electronics and Telecommunication Engineering



**Yeshwantrao Chavan College of Engineering , Nagpur**  
**CERTIFICATE OF PARTICIPATION**

This certificate is proudly presented to

*Sandip Desai*

For attending online Student Development Program on **“Advances in Embedded systems and IoT”**

Conducted from 26th June to 01st July 2020 by Department of Electronics and Telecommunication Engineering, YCCE, Nagpur

Prof. Sandip Desai  
Faculty Coordinator  
YCCE, Nagpur

Dr. M.S. Narlawar  
HoD, ETC Dept.  
YCCE, Nagpur

Prof. Chetan Gode  
Faculty Coordinator  
YCCE, Nagpur

Sample Certificate provided to participants





Nagar Yuwak Shikshan Sanstha's

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## Department of Computer Technology

### Certificate course in Applications of AI, ML and Data Science

**Learn skills that make you job ready and power ahead in your career!**

Department of Computer Technology under the Centre of Excellence is organizing the **30 Hrs certificate training program** in the industry buzz words, Artificial Intelligence, Machine Learning, and Data Science.

#### Why this certificate course?

- AI - The Next Digital Frontier
- 60% RISE IN DEMAND for Artificial Intelligence and Machine Learning experts
- AI and Machine Learning go hand in hand
- Data Science gives you the top-ranking profession in the any analytics organization
- Data Science helps you to be a part of decision makers in the big organizations

#### What are the benefits?

- This certificate will widen your placement options
- This certificate will provide you good opportunities in internship
- This certificate will help you in applying of higher studies in good institutions

#### What you will learn?

- AI and NLP applications
- Different language modelling techniques
- Applications of machine learning
- Different machine learning algorithms

- Computer vision applications
- Find the hidden meaning from data and predict the future
- Data science applications
- Open source tools to implement the AI, ML, DS concepts

#### Special feature

- **Rigorous hands-on training**
- **No registration fee**
- **Resource person from industry and academia**

#### Mode of conduct and Timing

- Course will be conducted in online mode from 3:00 pm to 6:00 pm

#### Coordinators

For any further query you can contact:

Dr. Gauri M. Dhopavkar (9822087970)

Dr. Prarthana A. Deshkar (9923401052)



Nagar YuwakShikshanSanstha's

# Yeshwantrao Chavan College of Engineering

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Hingna Road, Wanadongri, Nagpur - 441 110

Ph.: 07104-295083, 295085, 09764996477, Fax: 07104-242376, Website: [www.ycce.edu](http://www.ycce.edu)

## Department of Computer Technology

### Report

**Event Name:** 30 Hrs Certification Program on "Applications in AI, ML, and Data Science"

**Organizing Body:** Computer Technology Department under Center of Excellence.

**Coordinator:** Dr. Gauri M. Dhopavkar, Dr. Prarthana A. Deshakar

**Category:** Technical

**Topic Covered:** Introduction to AI, Python for AI ML, Applied Statistics, Application in Computer Vision, Machine learning using Supervised technique, ensemble learning, Classification using ML, Neural Network and deep learning applications, Data Modelling, Predictive modelling and advanced statistics, Business Analytics, Association case study, NLP applications (Language Modelling), AI Techniques, Data Analysis using R

**Session:** 2020-2021

**Date:** 22<sup>nd</sup> March to 2<sup>nd</sup> April 2021

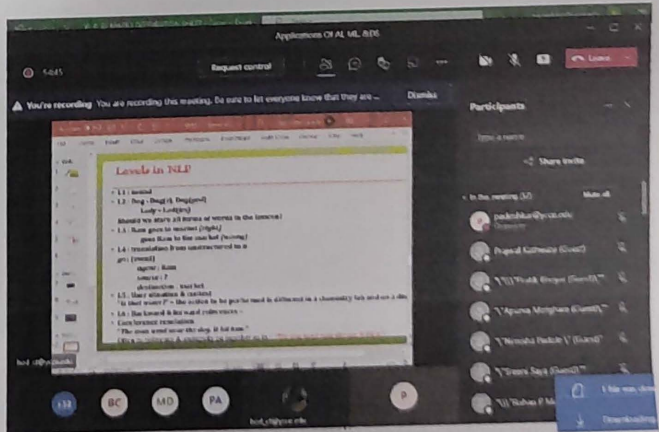
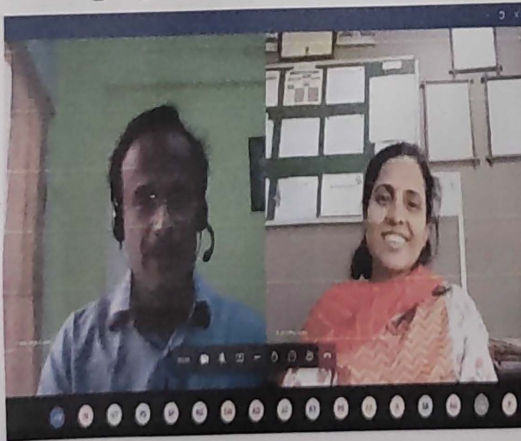
**Time:** 03 pm to 06 pm

**Type of Participants:** Students of 4<sup>th</sup>, 6<sup>th</sup>, 8<sup>th</sup> Semester.

**Number of Participants:** 68

**Resource Person and Affiliation:** Mr. Shrinivasulu Saya, Technical Architect, Visiting Faculty at IIITDM, Kurnool, Dr. Prakash Pimple, CDAC, Dr. G. M. Dhopavkar, Dr. Lalit Damahe, Dr R. D Wajgi, Dr. P. A. Deshkar, Roshni Khedgaonkar, Nikhil Mangrulkar, CT Department, YCCE, Prof. Punesh Tembhre, Prof. Nischal Puri, PIT, Nagpur.

### Photograph:



*P. A. Deshkar*

Dr. P. A. Deshkar

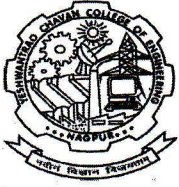
Coordinator

*G. M. Dhopavkar*

Dr. G. M. Dhopavkar

Coordinator & HoD, CT





Nagar YuwakShikshanSanstha's

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## Department of Computer Technology

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Date: 01-08-2021

### NOTICE

Department of Computer Technology is organizing certificate program on "Technology Awareness for Resume Building" on 7<sup>th</sup>, 14<sup>th</sup>, and 21 August 2021. All the students from fifth semester are instructed to register for the program.

Dr. G. M. Dhopavkar

Coordinator

Dr. G. M. Dhopavkar

HoD, CT



Nagar Yuwak Shikshan Sanstha's

# Yeshwantrao Chavan College of Engineering

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Ph.: 07104-242919, 242623, 242620, 9764996477 Fax: 07104-232376, Website: [www.ycce.edu](http://www.ycce.edu)

## Department of Computer Technology

### Report

Name of Certificate Program : Technology Awareness for Resume Building

Duration of Program : 15 Hrs Dates: 7, 14 and 21<sup>st</sup> August 2021

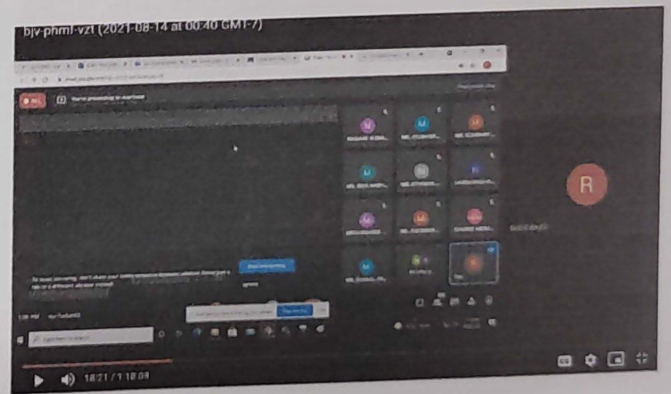
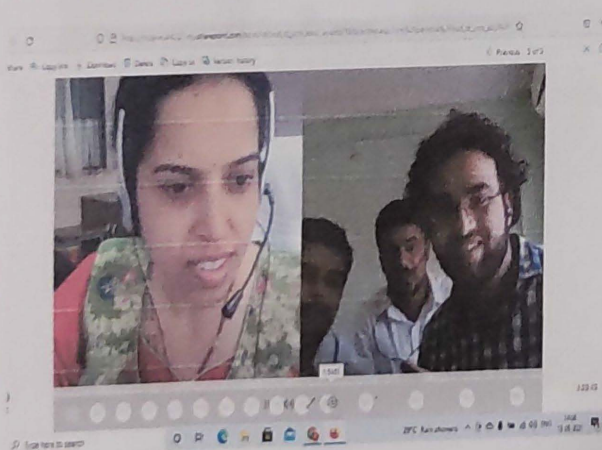
Co-ordinator : Dr. Rakhi Wajgi Total Participants : 145

Experts :

1. Dr. Rakhi Wajgi, HoD CT
2. Mr. Akash Wankhede, IT Analyst, TCS Nagpur
3. Mr. Rajorshi Gon, Senior Software Engineer, Persistent Systems Nagpur
4. Mr. Vaibhav Lambat, Associate Consultant- Business Intelligence, Celebal Technologies Jaipur

Details:

15 hrs Certificate program was conducted by Dr. Rakhi Wajgi and Nikhil Mangrulkar on Technology Awareness for Resume Building under Coding Club YCCE. This certificate program was conducted for all students of 5<sup>th</sup> semester. On 7<sup>th</sup> and 14<sup>th</sup> concepts of DSA are revised and programs asked in different IT companies were discussed and implemented by Rakhi Wajgi. On 21<sup>st</sup> August 2021, our industry Alumni Mr. Akash, Rajorshi and Vaibhav conducted session on resume building. Rajorshi talked on how to create effective resume, Akash talked on latest technology Salesforce and how to use it for strengthening resume whereas Vaibhav discussed about latest technology of Power Bi for those who are not comfortable with communication and coding skills.



*R. D. Wajgi*  
Co-ordinator

R. D. Wajgi

*R. D. Wajgi*

HoD, CT, dept.

Dr. R. D. Wajgi





Nagar Yuwak Shikshan Sanstha's  
**Yeshwantrao Chavan College of Engineering**  
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E-mail : [principal@ycce.edu](mailto:principal@ycce.edu), [info@ycce.edu](mailto:info@ycce.edu)

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## Department of Information Technology

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Date: 07/07/2020

### NOTICE

The Department of Information Technology is going to organize One week value added course on "Sales Force CRM" from dated 14<sup>th</sup> july 2020 to 20<sup>th</sup> july 2020 in association with Tata Consultancy Services , Nagpur. Speaker for this program is Mr. Shailesh Atram .

Interested students are requested to register for this programme.

  
Prof. Sushil Chavhan

Asstt. Professor & Coordinator

  
Dr. R. C. Dharmik

Head, Deptt. of Information Tech.,  
YCCE, Nagpur - 441110



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Ph.: 07104-242919, 242623, Fax: 07104-242376, Website: [www.ycce.edu](http://www.ycce.edu)  
E-mail : [principal@ycce.edu](mailto:principal@ycce.edu), [info@ycce.edu](mailto:info@ycce.edu)

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## Department of Information Technology

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### Student Development Workshop, Report

**Name: One week workshop on “SalesForce CRM”**

**Date: 14/07/2020 to 20/07/2020**

**Venue: Google Classroom (Code: 3vbrfbm)**

**Organized for: 5<sup>rd</sup> Semester and 7<sup>th</sup> Semester Students of IT/EE/ETC/EL/CT/ME/CE**

The Department of Information Technology had organized one Week Student Development Programme on , “Sales force CRM” from 14<sup>th</sup> July 2020 to 20<sup>th</sup> July 2020 in association with Tata Consultancy Services Nagpur. The Workshop was coordinated by Mr. Sushil Chavhan ,Mr. Amol Gaikwad and Mr. R. C. Dharmik. The resource persons were Mr. Shailesh Atram (Certified Lead Salesforce Developer at Tata Consultancy Service).

The Workshop was attended by 5<sup>th</sup> semester and 7<sup>th</sup> semester students of IT/EE/ETC/EL/CT/ME/CE. There were 162 Students participants. The objective of the workshop was to

- To understand and identify different Salesforce building blocks
- Understand the data model
- Understand the security model
- Understand the business process automation options
- Understand the Sales Cloud and Service Cloud modules

Workshop started with basic of Cloud computing and its requirement in current scenario also covers following points





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 E-mail : [principal@ycce.edu](mailto:principal@ycce.edu), [info@ycce.edu](mailto:info@ycce.edu)

## Department of Information Technology

Date	Content	Time	
		Theory	Practical
14-July-20	<ul style="list-style-type: none"> <li>• A Quick Introduction to Cloud computing</li> <li>• How is Salesforce different from Traditional IT?</li> <li>• Brief History &amp; Evolution of Salesforce</li> <li>• Salesforce Highlights</li> <li>• Salesforce.com offerings               <ul style="list-style-type: none"> <li>• Sales Cloud</li> <li>• Marketing Cloud</li> <li>• Service Cloud</li> <li>• Community Cloud</li> <li>• Analytics Cloud</li> <li>• Salesforce App Cloud</li> </ul> </li> </ul>	10.00 AM to 12.00 PM	2.00 PM to 5.00 PM
15-July-20	<ul style="list-style-type: none"> <li>• Salesforce.com offerings               <ul style="list-style-type: none"> <li>• Sales Cloud</li> <li>• Marketing Cloud</li> <li>• Service Cloud</li> <li>• Community Cloud</li> <li>• Analytics Cloud</li> <li>• Salesforce App Cloud</li> </ul> </li> <li>• Introduction to Relationships</li> <li>• Need of Relationships in salesforce.</li> <li>• Brief on Types of relationship.</li> <li>• Master-Details, Lookup, Self-relationship, External lookup relationship, Indirect lookup relationship, Many-to-many relationships (Junction object), Hierarchical relationship</li> <li>• Deep in to Junction object</li> <li>• Use of Junction object.</li> </ul>	10.00 AM to 12.00 PM	2.00 PM to 5.00 PM
16-July-20	<ul style="list-style-type: none"> <li>• Understanding of formula fields,</li> <li>• Purpose of formula field.</li> <li>• Types of formula field in salesforce</li> <li>• Text/Logic/Math/Date functions &amp; Other popular functions</li> <li>• Intro to cross object formula.</li> <li>• What is the need for object formula.</li> <li>• Introduction to validation rule, Need, and Various popular functions</li> <li>• What is the difference between the formula</li> </ul>	10.00 AM to 12.00 PM	2.00 PM to 5.00 PM



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E-mail : [principal@ycce.edu](mailto:principal@ycce.edu), [info@ycce.edu](mailto:info@ycce.edu)

## Department of Information Technology

	field and Rollup summary in Salesforce?		
17-July-20	<ul style="list-style-type: none"><li>• Introduction to automated process</li><li>• Introduction to Workflow Rules</li><li>• Types of evaluation criteria in Workflow rules</li><li>• Different workflow actions- Update, Email alert, Task, outbound message</li><li>• Introduction to Approval Process</li><li>• Understanding Approval steps, Approval actions, Rejection actions</li></ul>	10.00 AM to 12.00 PM	2.00 PM to 5.00 PM
18-July-20	<ul style="list-style-type: none"><li>• Introduction to User Management,</li><li>• Different types of user licenses available</li><li>• Intro to Roles and Profiles</li><li>• What is Permission Sets</li><li>• Use and need of Permission Sets</li><li>• Brief to Record Sharing</li><li>• Type of record sharing.</li><li>• OWD - Public Read/Write, Public Read, private only</li><li>• Role Hierarchies- share record as per role</li><li>• Sharing record-Manual and owner based</li></ul>	10.00 AM to 12.00 PM	2.00 PM to 5.00 PM
20-July-20	<ul style="list-style-type: none"><li>• Introduction to Data migration</li><li>• Overview to Data loader and its installation process</li><li>• Action in Data Loader - Insert, Update, Delete, Hard delete</li><li>• Introduction to salesforce import wizard</li><li>• Difference between Data loader and import wizard</li><li>• Limits in Data loader and import wizard</li></ul>	10.00 AM to 12.00 PM	2.00 PM to 5.00 PM

Response from the students was over whelming. The session then concluded with a Question and Answer session followed by votes of thanks

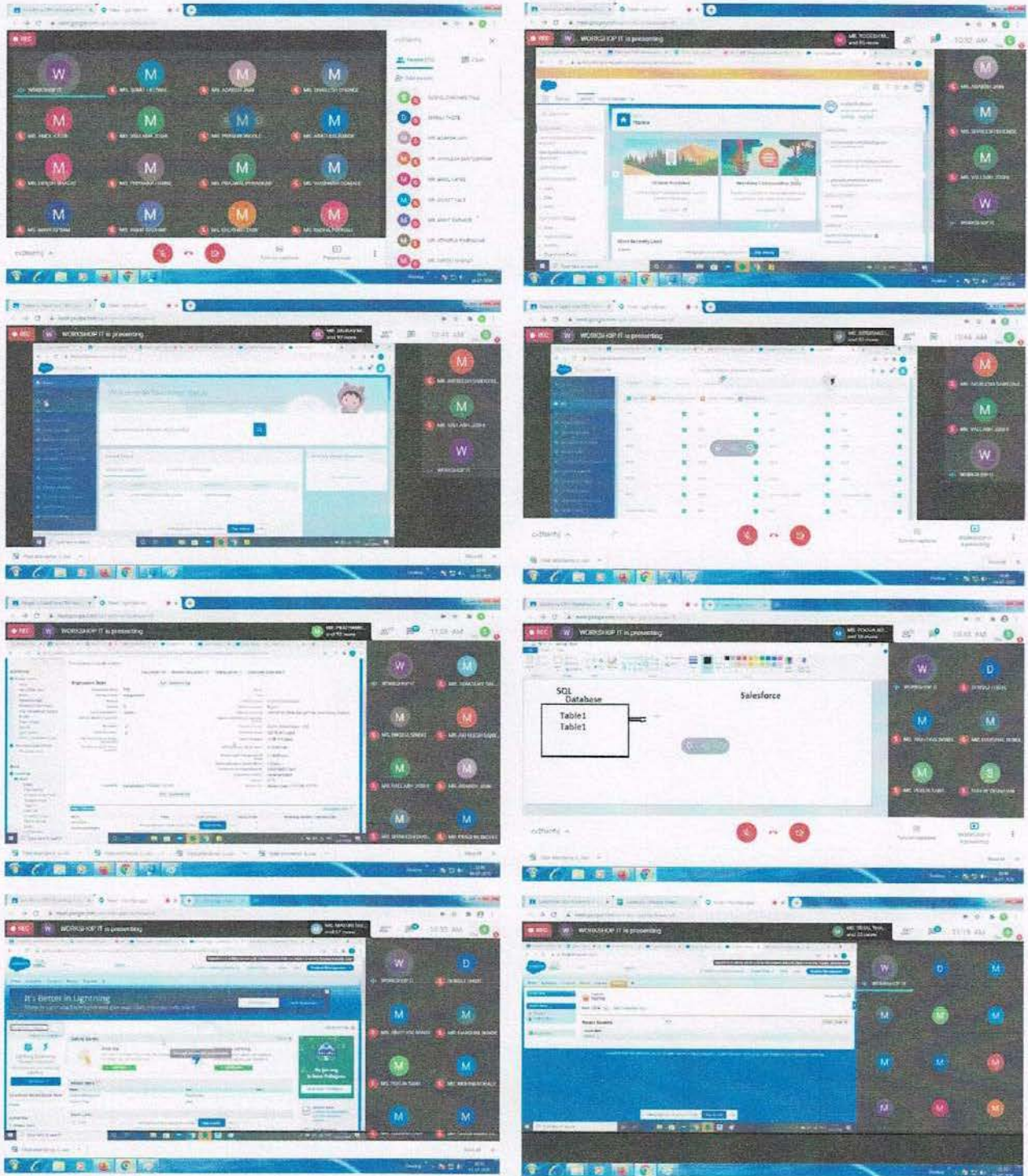




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**Yeshwantrao Chavan College of Engineering**  
(An Autonomous Institution affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)  
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## Department of Information Technology







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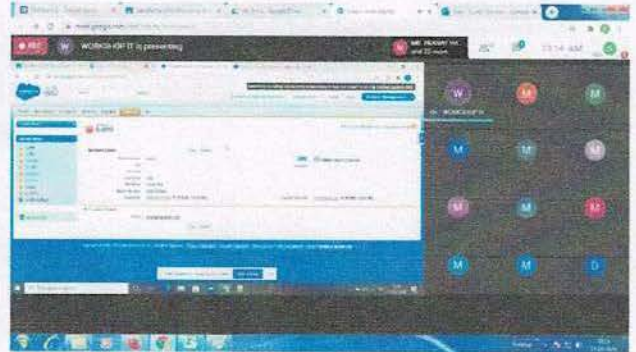
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## Department of Information Technology



Date	Google Meet Link
14-July-20	<a href="https://meet.google.com/lookup/fkar4ektvf">https://meet.google.com/lookup/fkar4ektvf</a>
15-July-20	<a href="https://meet.google.com/lookup/b5s5greh7g">https://meet.google.com/lookup/b5s5greh7g</a>
16-July-20	<a href="https://meet.google.com/lookup/emgild5ocm">https://meet.google.com/lookup/emgild5ocm</a>
17-July-20	<a href="https://meet.google.com/lookup/elqvflroa2">https://meet.google.com/lookup/elqvflroa2</a>
18-July-20	<a href="https://meet.google.com/lookup/cafkspzos7">https://meet.google.com/lookup/cafkspzos7</a>
20-July-20	<a href="https://meet.google.com/lookup/b7yrdqb2yg">https://meet.google.com/lookup/b7yrdqb2yg</a>

Submitted by

Mr. S. S. Chavhan

Mr. A. D. Gaikwad

Mr. R. C. Dharmik

HOD-IT

Head, Dept. of Information Tech.,  
YCCE, Nagpur - 441110



### Institute Level Value Added courses conducted from 2016-17 to 2020-21

Name of the value added courses by Innovic (with 30 or more contact hours) offered (even if it is less than 30 hrs to be made more than 30hrs)	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
Campus Recruitment Training	CRT	2020-21	1	90	1202	1180
Presenter In Me	PIM	2020-21	1	30	1232	1150
Advanced Get Set Go	AGSG	2020-21	1	30	1203	1138
Industrial Programming Language	IPL	2020-21	1	30	1128	1073
Functional English	FE	2020-21	1	30	1203	1085
Campus Recruitment Training	CRT	2019-20	2	80	1316	1316
Advanced Get Set Go	AGSG	2019-20	1	30	1154	953
Industrial Programming Language	IPL	2019-20	1	35	1154	913
Get Set Go	GSG	2019-20	1	35	1080	1080
Campus Recruitment Training	CRT	2018-19	2	80	1252	1159
Remedial Grammar	R.G	2018-19	1	30	1138	1138
Presenter In Me	PIM	2018-19	1	30	1138	1138
Industrial Programming Language	IPL	2018-19	1	35	1138	1138
Functional English	FE	2018-19	1	35	1103	546
Get Set Go	GSG	2018-19	1	35	1103	1103
Advanced Get Set Go	AGSG	2018-19	1	30	1199	1131
Campus Recruitment Training	CRT	2017-18	2	80	1181	1048
Presenter In Me	PIM	2017-18	1	30	1150	840
Industrial Programming Language	IPL	2017-18	1	40	1100	585
Functional English	FE	2017-18	1	35	1050	960
Remedial Grammar	R.G	2017-18	1	40	1100	683
Get Set Go	GSG	2017-18	1	35	1050	940
Campus Recruitment Training	CRT	2016-17	1	97	960	886
Campus Recruitment Training	CRT	2015-16	1	97	942	897



  
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 NAGPUR - 441110

Dr. A.V. Patil  
 Dean (Academic Matters)





# Industrial Programming Language





TM

# ADCC

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CAMPUS RECRUITMENT TRAINING PROGRAM  
INDUSTRIAL PROGRAMMING LANGUAGE

Academy



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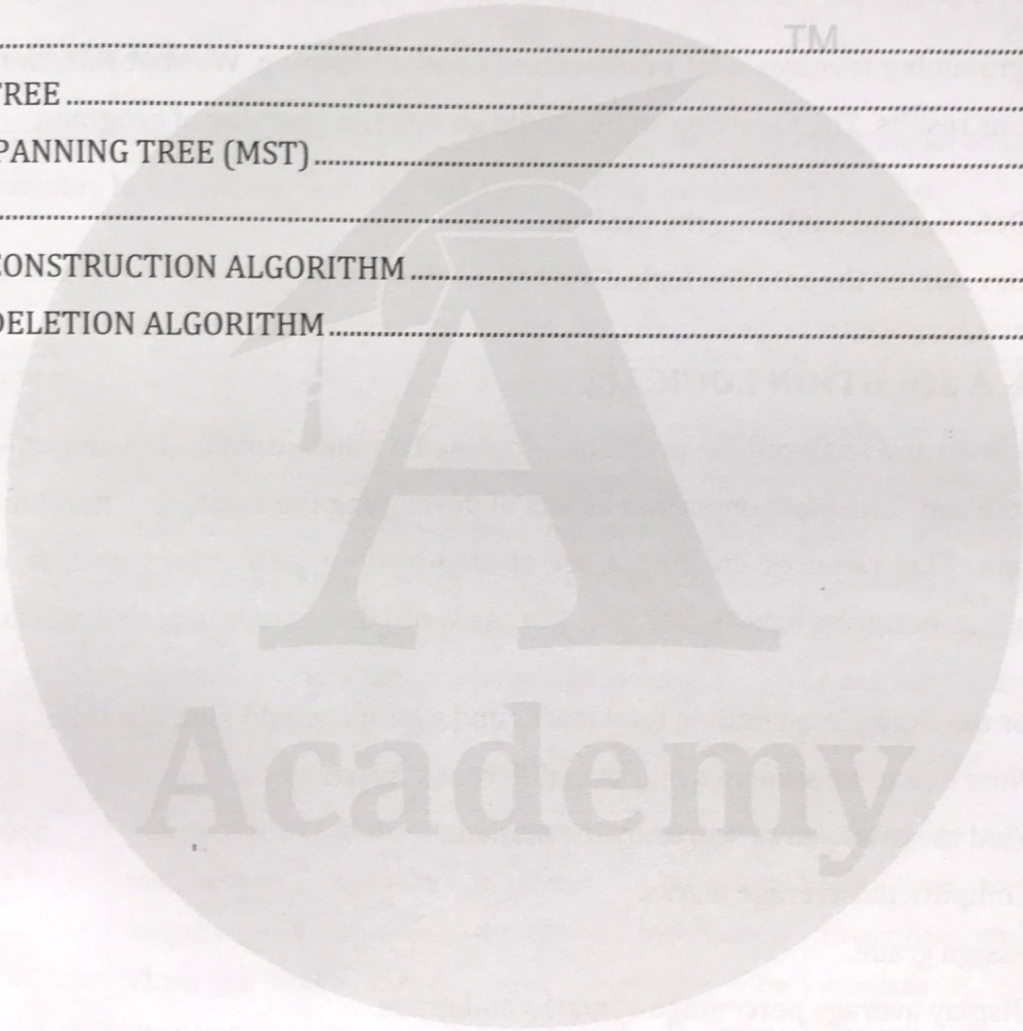
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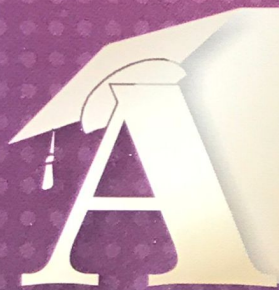
**Functional English V**



# Manual 5

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**Functional English I**



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# Manual 1

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**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







# GET SET GO...

## HESSIE FINISHING SCHOOL

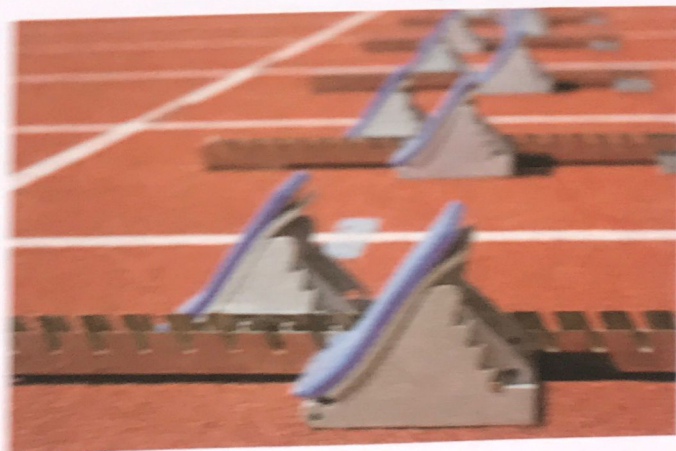
Participant Manual



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**



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