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## VIGNAN INSTITUTE OF TECHNOLOGY AND SCIENCE

Near Ramoji Film City, Deshmukhi (V), Yadadri Bhuvanagiri Dist., Telangana - 508 284.

Approved by AICTE, New Delhi, Affiliated to JNTUH, Hyderabad

EAMCET CODE : VGNT

PGEET CODE : VGNT1



### DEPARTMENT OF MECHANICAL ENGINEERING

#### A Report on

#### One week International Faculty Development Program (online) on “Potential Research Areas in Mechanical Engineering”

From 15<sup>th</sup> June to 20<sup>th</sup> June 2020

A one week faculty development program on “Potential Research Areas in Mechanical Engineering” was organized by the department of Mechanical Engineering of Vignan Institute of Technology and Science, Deshmukhi, Hyderabad.

The program aimed to build an interest among faculty members in the field of research and motivate them to publish quality papers in reputed journals. It also aimed to give an overview about potential research fields in Mechanical engineering field. There were 949 participants registered for this program from all across the globe. Details of registration are available online in <https://docs.google.com/spreadsheets/d/1cr5IAWujqzeaQ5oa2viFSHSVtgoBQSdyHhTHQrlZf5M/edit#gid=1271624604>. Prof N Leela Prasad, Head of the Department of Mechanical engineering department has inaugurated the program. In his inaugural address, Prof Leela Prasad stressed upon the importance of research paradigm for teaching, learning and evaluation in present days. Eminent Resource persons with sound background delivered valuable lectures during the sessions. The detail of schedule and recourse persons is shown in the following table.

S.No	Date	Time	Resource Person	Designation	Organization	Topic
1	15-06-2020	10-30 - 11-30 am	Dr.K.Venkat Rao	Professor in Mechanical Engineering	Vignan's Foundation for Science Technology & Research, Guntur, INDIA.	Modelling and Optimization of Kerf Width and Surface Roughness in Wire EDM of Ti-6A-4V.
2	15-06-2020	11-30 - 12-30 pm	Dr.Perumalla Janaki Ramulu	Director of COE For Advanced Manufacturing Engineering	Adama Science and Technology University, ETHIOPIA.	Mathematical Modeling Impact on Welding Processes
3	16-06-2020	12-00 - 01-00 pm	Dr.S.Joseph Sekhar	Professor in Department of Engineering, Mechanical	Shinas College of Technology, Sultanate of OMAN.	Recent Trends in R&AC
4	17-06-2020	11-00 - 12-00 pm	Dr. K. Karunamurthy	Associate Professor	School of Mechanical Engineering, Vellore Institute of Technology, Chennai,	Carbon Capture and Storage for Sustainable Development





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					INDIA.	
5	18-06-2020	11-00 - 12-00 pm	Dr.S.Thirumalai Kumaran	Associate Professor	Faculty of Mechanical Engineering, Kalasalingam Academy of Research and Education, Tamil Nadu, INDIA.	Machining Strategy for Research
6	19-06-2020	09-30 - 10-30 am	Dr.Deepa Kodali	Post Doctoral Research Fellow	Tuskegee University, AI, USA.	Characterization of Forcespun Polycaprolactone Micro Fibers infused with Bio-based Hydroxyapatite
7	20-06-2020	11-00 - 12-00 pm	Dr.K.V Narasimha Rao	G.M.	J.K.Tyres, Mysore,INDIA.	Virtual Tyre Modelling - Recent Advances in Automotive Systems

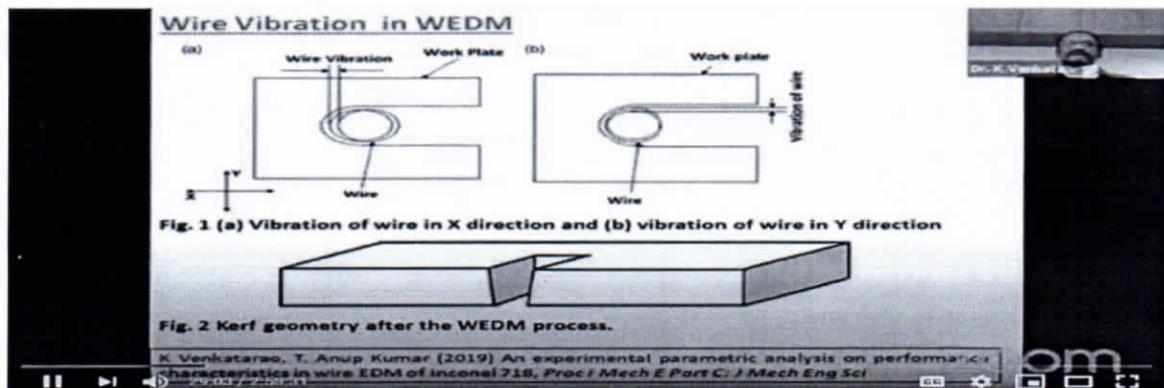
The schedule was communicated to all the participants by placing in the link also

[https://docs.google.com/spreadsheets/d/1u4XIIj\\_2aNXd5PLsLiWFNqcDs--2rQLAwY0sNDVCG-s/edit#gid=0](https://docs.google.com/spreadsheets/d/1u4XIIj_2aNXd5PLsLiWFNqcDs--2rQLAwY0sNDVCG-s/edit#gid=0)

As the entire program was conducted online, ZOOM app platform along with YouTube live option was chosen. First 100 participants along with the resource person were allowed into zoom environment and rest of the participants were allowed to participate and communicate through YouTube live platform.

Some of the glimpses of the program are as shown in figures below.

### Day 1:



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### Preference scales

#### Preference scale for amplitude of wire vibration in X direction:

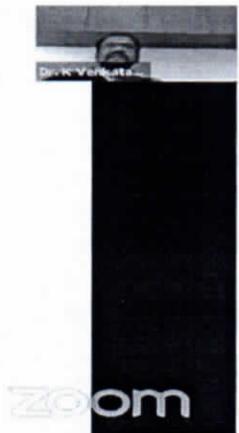
$$P_{Ax} = -160 \log \frac{A_x}{50}$$

#### Preference scale for Cutting rate:

$$P_{CR} = -98 \log \frac{CR}{4}$$

#### Preference scale for amplitude of wire vibration in Y direction:

$$P_{Ay} = 169 \log \frac{A_y}{10}$$



<https://www.youtube.com/watch?v=TO8YSzhP1Pw>

The entire session can be watched from the above link.

Day 2:



Joseph Sekhar...

## Research Potential in Refrigeration and Air-conditioning Systems

Dr. S. Joseph Sekhar M.E, Ph.D

Shinaş College of Technology

Sultanate of Oman



6/16/2020

Dr. S. Joseph Sekhar

FDP PRAME REPORT



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## Classification of refrigeration systems



- Large scale Refrigeration system
  - Industrial refrigeration
  - Medium scale refrigeration
  - Small scale refrigeration
  - Ultra Low temperature, low temperature, medium temperature etc. refrigeration systems
  - Transport refrigeration. Cold chain refrigeration systems
- etc.

6/16/2020

Dr. S. Joseph Sekhar



<https://www.youtube.com/watch?v=IhJGWUrlGs4>

The entire session can be watched from the above link.

Day 3:

## Power Sector - Global Status

- ❖ According to UN there are 17 Sustainable Development Goals to be achieved in 2030 and 195 countries agreed.....
- ❖ Energy is the enabler of all other SDGs
- ❖ By addressing energy issues, climate change can be addressed

### SDG#7 – Affordable and Clean Energy

- To ensure access to affordable, reliable, sustainable and modern energy for all.  
(Note: 850 million people around the world are still without access to electricity as per IEA).





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<https://www.youtube.com/watch?v=UJigt1Mlva0>

The entire session can be watched from the above link.

Day 4:





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<https://www.youtube.com/watch?v=zALzUZArtiw>

The entire session can be watched from the above link.

Day 5:



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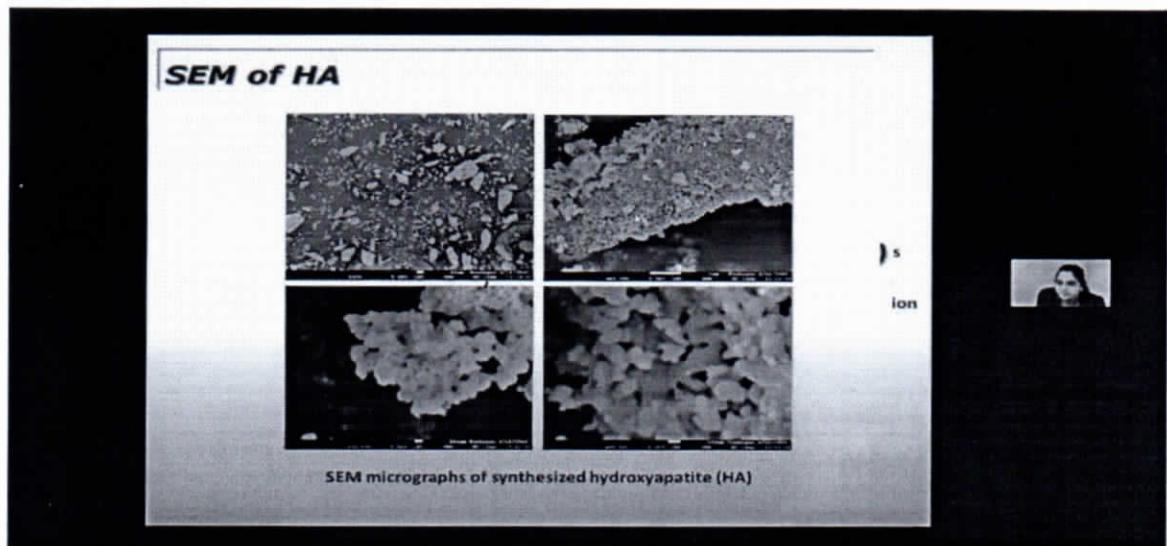
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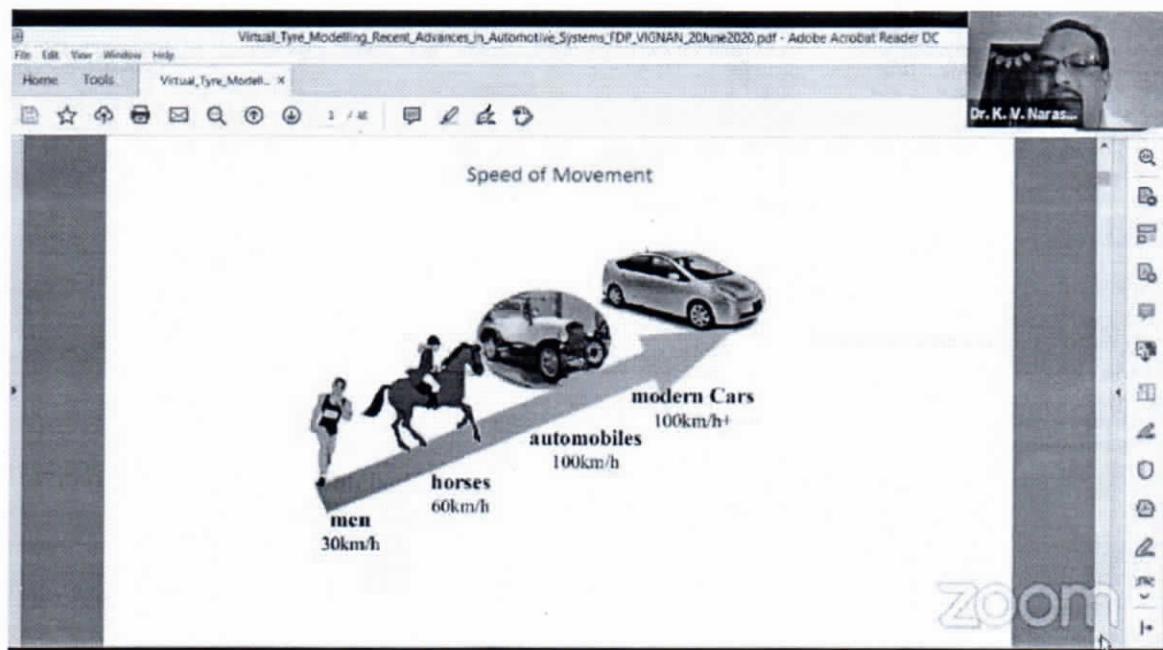
PGECEET CODE : VGNT1



<https://www.youtube.com/watch?v=TVUrRPAENK8>

The entire session can be watched from the above link.

Day 6:





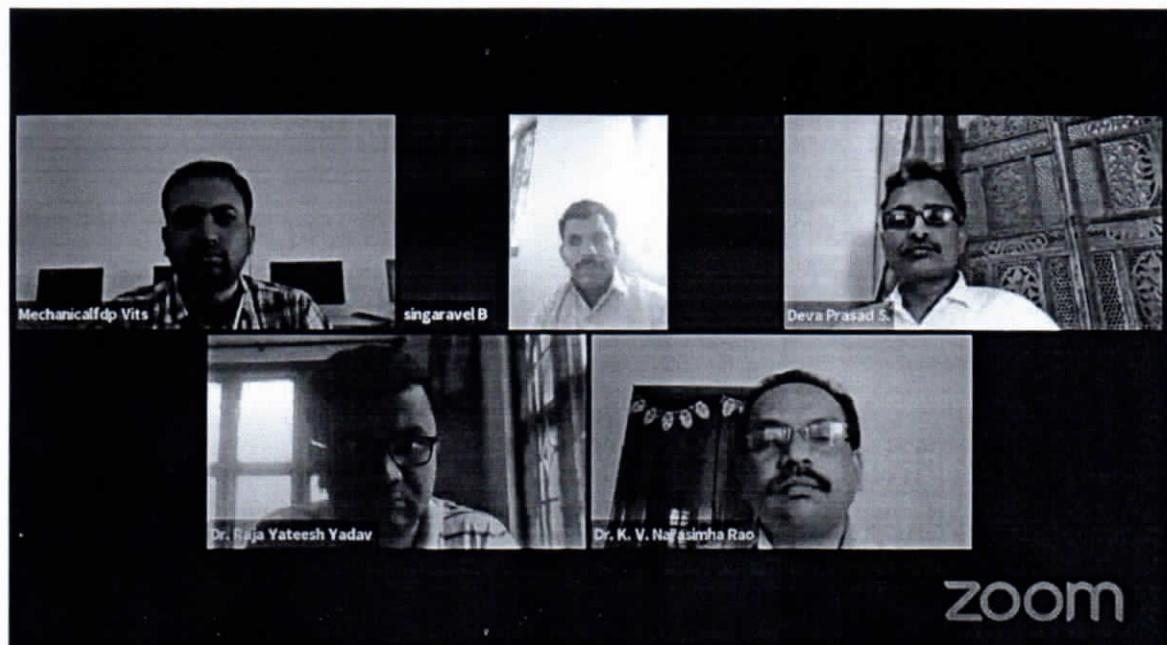
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<https://www.youtube.com/watch?v=vvK2C38ewjs>

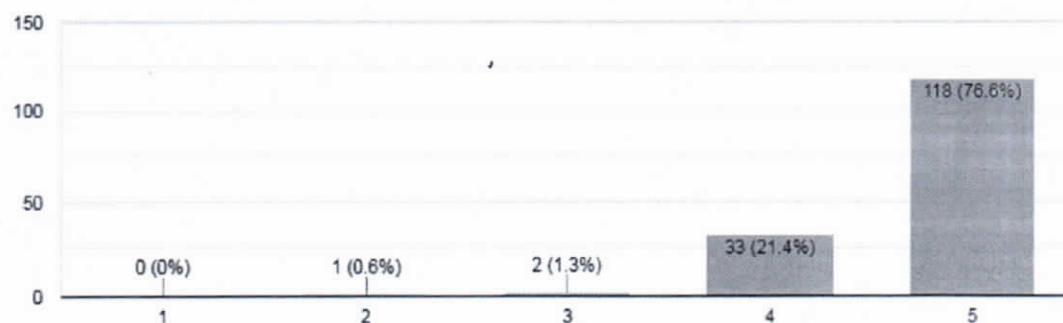
The entire session can be watched from the above link.

The program received very good feedback after successful completion of it. Many faculty members got benefitted from this program as mentioned by them in the feedback form. Many participants complemented the way this program was conducted and they have also said that, the sessions by all speakers have really given ideas on potential research areas in mechanical engineering. Hence the program, organized by mechanical engineering department of VITS got huge success.

### Overall Rating of Program



154 responses





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The above graph shows the response of few participants received in one feedback link out of 6.

Certificates were distributed online to all participants after filling overall feedback form. One of the links to generate was

[https://docs.google.com/forms/d/1MU4VaAGJhHCa3eAkKuzeBaoQTPe2p08km7v695FvE2E/edit.](https://docs.google.com/forms/d/1MU4VaAGJhHCa3eAkKuzeBaoQTPe2p08km7v695FvE2E/edit)

Dr. G Durga Sukumar, Principal, VITS joined in the valedictory program and shared his opinion about the way the program was conducted and appreciated response from participants. Finally this Faculty Development Program (FDP) fulfils its prime objectives to bring the faculties of different engineering colleges across the world onto one platform to update their knowledge and skills in the area of research and also opened wide platform towards publications.

Sample of certificates distributed:



Anup Kumar Jana

Coordinator

FDP PRAME REPORT



Prof N Leela Prasad

HOD-ME

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## **REGISTRATION FORM**

One Week Workshop  
on

## **ANSYS WORKBENCH**

9<sup>th</sup> to 14 December, 2019

1. Name : \_\_\_\_\_  
 2. Designation : \_\_\_\_\_  
 3. Institution : \_\_\_\_\_

### **EXECUTIVE COMMITTEE**

Chief Patron	Dr. L. Rathaiyah,	Chairman
Patron	Shri B. Shravan,	C.E.O.
Chairman	Dr. G. Durga Sukumar, Principal	
Convenor	Dr. K. Chandra Shekar, HOD-MECH	
Co-ordinators	Mrs. M. Radhika, Mrs. Ch. Sai Krupa,	Asst. Prof.
	Mr. K. Vijay Kumar,	Asst. Prof.
	Mrs. M. Bhargavi,	Asst. Prof.

## **One Week Workshop**

On

## **ANSYS**



### **ORGANIZING COMMITTEE**

Mr. N. Leela Prasad	Mr. Anup Kumar Jana
Dr. S. Deva Prasad	Mr. R. Ranjith Kumar
Dr. S. M. Hussaini	Mr. Sarat Chandra Mohanty
Dr. B. Singaravel	Mr. S. Surappa
Mr. G. Narendra	Mr. R. Srikanth
Mr. N. Venkateshwari	Mr. G. Nagesh
Mr. K. Mangapathi Rao	Mr. G. Yadagiri
Mrs. Ch. Divya	Mr. P. Sadanandam
Ms. P. Madhavi	Ms. K. Navaneetha
Mr. A. Naresh Kumar	Mr. Gurram Gowtham Reddy
Mr. M. Srihari	Mr. A. Venkatram Reddy
Mr. R. Eshwaraiyah	Mr. V. Guru Shankar
Amount in Rs:	Date:
Bank Name:	IFSC:

UCBA0001628 Director, Vignan Institute of Technology  
and Science, UCO Bank, Malakpet, Hyderabad.)  
10. Address for Correspondence with Email Id:  
(Deposit A/c No: 16280210000762, IFSC:

- Last Date for Registration : 9<sup>th</sup> December, 2019
- Date of Intimation to the selected candidates : 7<sup>th</sup> December, 2019.
- Registration Fee
- Faculty/ Research Scholars Rs. 500/-
- Industry/R&D Organizations Rs. 1000/-
- Students Rs. 300/-
- Signature of the Participant

## **ANSYS WORKBENCH**

9<sup>th</sup> to 14 December, 2019



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M.Pochampally, Pochampally, 500 076  
Yadadri Bhuvanagiri Dist., 508 284, India

## **VIGNAN INSTITUTE OF TECHNOLOGY & SCIENCE**

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Vignan Hills, Near Ramoji Film City, Deshmukhi(Y),  
Pochampally (M), Yadadri Bhuvanagiri Dist.,  
Telangana State - 508 284, India



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## **Declaration**

The information provided is true to the best of my knowledge. If selected for this WORKSHOP, I agree to abide by the rules and regulations of the program and shall attend for the entire duration. I also undertake the responsibility to inform the convener, in case unable to attend the workshop for any unavoidable reasons.

## **Theme of the Programme**

The objective of this program is to introduce ANSYS Workbench, it is a software environment for performing structural, thermal, and electromagnetic analyses. The workshop focuses on geometry creation and optimization, attaching existing geometry, setting up the finite element model, solving, and reviewing results.



**About the Vignan Institute of Technology & Science**  
Vignan Institute of Technology and Science (VGNIT) was established in the year 1998 by Dr. L. Rathaiyah, Lavu Educational society, Guntur. The Institution is, approved by AICTE, New Delhi, and affiliated to JNTUH Hyderabad. Programmes accredited by National Board of Accreditation (NBA). The institution is located in the calm and serene suburbs of Hyderabad city on the NH-9, the campus is just 5km away from Ramoji Film City. The institution offers four-year B.Tech Programmes in the disciplines of ME, CSE, IT, ECE, EEE, CIVIL and EIE and various Postgraduate level courses.

## **Participants**

Teaching and non-teaching faculty of Engineering colleges with a UG / PG degree in Mech. /Aeronautical /Automobile /Civil Engineering, practicing scientists and research scholars with interest in ANSYS WORKBENCH.

## **Signature of the Applicant**

## **Sponsorship Certificate**

Dr./Mr./Ms.

is an employee of our Institute/Organization and is here by sponsored to participate in One-week Workshop on ANSYS WORKBENCH during 9th to 14th December, 2019 conducted by Department of Mechanical Engineering, Vignan Institute of Technology and Science, Deshmukhi, Hyderabad - 508284.

Place:  
Date:

- Introduction on Ansys Workbench
- Difference between ANSYS APDL & Workbench
- Modules in Workbench
- Workbench Procedure
- Types of Analysis systems
- 2-D Analysis Representation
- 3-D Analysis Representation

## **Resource Person**

- Eminent persons from reputed academic Institutions and industry.

**Signature of Head of Institution/organization  
(With Seal)**

**Note: E-Mail Scanned copy of this form to  
hodmech.vignanitd@gmail.com  
Brahmanki, Pechamally and  
Sathgiri, Andhra Pradesh  
Date: 10/12/2019  
Drs. S.**

**VIGNAN INSTITUTE OF TECHNOLOGY & SCIENCE  
Brahmanki, Pechamally and  
Sathgiri, Andhra Pradesh  
Chapters are active in the department.**



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### Report On One Week Workshop On "Ansys Workbench" 9<sup>th</sup> To 14<sup>th</sup> December, 2019

Mrs. M. Bhargavi,

Program Co-coordinator & Asst.  
Professor

Mrs. M. Radhika

Program Co Conveners & Professor,

Mrs. Ch. Sai Krupa

Program Co Conveners & Professor

Mr. K. Vijay Kumar

Program Co Conveners & Asst. Professor

**Dr. K. Chandra Shekar**  
**Program Convener**  
Professor and Head,  
Dept. of Mech Engg  
Ph.: 7032241480  
Email: hodmech.vignanhdy@gmail.com

Organized by



Department of Mechanical Engineering  
Vignan Institute of Technology & Science  
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Vignan Hills, Near Ramoji Film City, Deshmukhi (V),  
Pochampally (M), Yadadri Bhuvanagiri (D), TS - 508284





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A one week faculty development program (FDP) on "WORKSHOP ON ANSYS WORKBENCH" was held in Vignan Institute of Technology & Science (VITS), Deshmukhi, on **9th To 14th December, 2019**. The program was sponsored by Lavu Education Society, Guntur. The Lectures of the program was organized by the Department of Mechanical Engineering, VITS. Dr. K. Chandra Shekar, Professor and Head, Department of Mechanical Engineering was the Convener and Mrs. M. Radhika, Asst.Professor, Mrs. Ch. Sai Krupa, Asst.Professor, Mr. K. Vijay Kumar, Asst.Professor, Mrs. M. Bhargavi, Asst.Professor, Department of Mechanical Engineering was the Coordinator of this programme. Also Dr. S. Deva Prasad, Professor and Dr. B. Singaravel, Asst. Professor, Department of Mechanical Engineering are the Program Co Conveners. Prof. GV Rao, Professor, VITS.

The main theme of the FDP was Our ANSYS Training Programs covers Finite Element Theory and different types of Finite Element Analysis like Static Structural, Modal, Harmonic, Transient Dynamic, Thermal, Random Vibrations, Fatigue Analysis and Optimisation. While imparting the training, we use ANSYS Spaceclaim, ANSYS Design Modeler, ANSYS Workbench & ANSYS Mechanical APDL. IFS Academy Career Program in ANSYS covers ANSYS command prompt mode and basics of engineering design inputs both., This program was intended for the teaching and non-teaching faculty of Engineering colleges with a UG / PG degree in Mech. /Aeronautical /Automobile /Civil /Chemical Engineering, practicing scientists and masters students, research scholars with interest in "ANSYS WORKBENCH".The objective of this program is to introduce ANSYS Workbench, it is a software environment for performing structural, thermal, and electromagnetic analyses. The workshop focuses on geometry creation and optimization, attaching existing geometry, setting up the finite element model, solving, and reviewing results

FDP has taken major initiative in strengthening Engineering Faculty's CAD/CAM/CAE & Engineering Design and Analysis education and training, through the Faculty Development Programs (FDP). We have conducted several number of FDP's in association with Engineering Colleges in the area of CAD/CAM/FEA & CFD. Parent Software Companies also take active part in organizing such programs.

### Our FDP's focusses on:

Training and upgrading Faculty on latest versions of CAD/CAM/CAE Softwares

Implementing Teaching Methodology as per Revised Syllabus of various Universities using CAD/CAM/CAE Softwares.

Industrial Case Studies / Projects / Assignments

CAD/CAM/CAE Software Industrial Tips & Tricks

Engineering Domain oriented Training Programs

  
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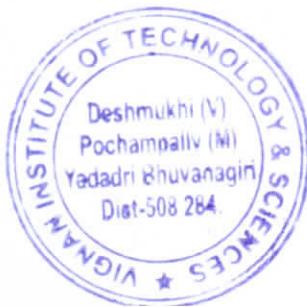
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### TOPICS TO BE COVERED

- Introduction on Ansys Workbench
- Difference B/W ANSYS Apdl & Workbench
- Modules in Workbench
- Workbench Procedure
- Types of Analysis systems
- 2-D Analysis Representation
- 3-D Analysis Representation.

### ONE WEEK WORKSHOP ON ANSYS WORKBENCH



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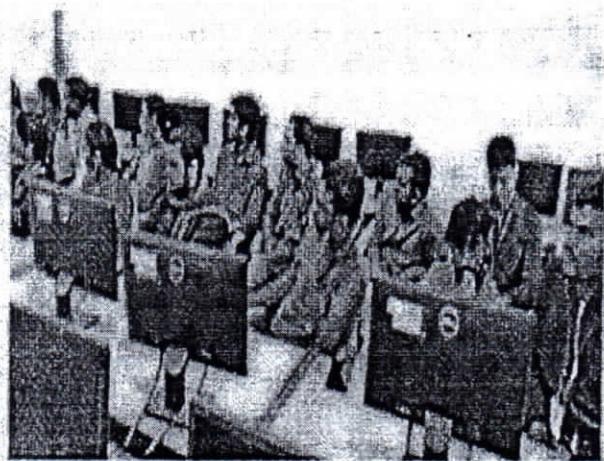
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# ఏఎస్‌బీఎస్ సాఫ్ట్‌వర్ వినియోగంపై వర్ణపాఠ

భూదీనపోతయి: మండలం పరిధి దేశముల్లోని ప్రముఖ విద్యా సంస్థ విజ్ఞాన జ్ఞానిస్టిట్యూట్ ఆఫ్ సైన్స్ అండ్ టెక్నాలజీస్ సేమానారం మొనికర్ ఇంజీనీరింగ్ విద్యా రూలుకు ఏఎస్‌బీఎస్ సాఫ్ట్‌వర్ పై వర్ణపాఠమును నిర్మించారు. వారం రోజులు నిర్మించాయి ఈ వర్ణపాఠమును కూడా లైన్ ప్రైసిపార్ట్ దినే కుమార్ ప్రార్థించారు. ఈ సంఘర్షణా ఆయన మాటలుడుతూ ఈ సాఫ్ట్‌వర్ వేరును ఉపయోగించి 3-డిమెన్షనల్ ఆట్లెక్సన్ క్రిమెంట్ చేసు కొని వస్తువుల లక్షణాలు, వాచీ బలం, మనుకును తెలుసు కోవచ్చున్నారు. ఈ వర్ణపాఠము విద్యార్థులు స్థిరించాయి చేసుకోవాలని తెలిపారు. మొదటి రోజు విద్యార్థులకు మొనికర్ ఇంజీనీరింగ్ విభాగానికి చెందిన ఆసిస్టాంట్ ప్రొఫెసర్ ఎం భార్యవి ఏఎస్‌బీఎస్ ఉపయోగాలను విద్యార్థులు తెలియజ్ఞారు. కార్బూకుమంలో కూడా సీకష్ట బోయి



వర్ణపాఠముకు హజ్జరైన విద్యార్థులు

పాటి శ్రవణకుమార్, ప్రైసిపర్ దుర్గ సుకుమార్, మొనికర్ సివిర్ ఇంజీనీరింగ్ పోస్ట్ డిల్ చంద్రశేఖర్, సాయంరాజ్, ఆధ్యాత్మకులు పాల్గొన్నారు.

మాటలు

Tue, 10 December 2019

<https://epaper.ntnews.com/c/46712247>

Sukumar

PRINCIPAL

Vignan Institute of Technology and Science  
(V) Deshmukhi, Pochampally (Mall),  
Yadadri Bhuvanagiri Dist. -508 284.





# 'విజ్ఞాన్'లో సెమినార్

భూదాన్ పోచంపల్లి(భువనగిరి) : ముండ లంలోని దేశముఫిలోని విజ్ఞాన్ ఇన్స్టిట్యూట్ అఫ్ టెక్నాలజీ అండ్ సైన్స్ కళాశాలలో సమ వారం 'అన్సిన్ వర్క్షెపం' అనే అంశంపై సెమినార్ నిర్వహించారు. కార్యక్రమాన్ని కళాశాల వైస్ ప్రైన్సిపార్ డాక్టర్ దినేస్కుమార్ జ్యోతి ప్రజ్యలన చేసి ప్రారంభించారు. ఈ సందర్భంగా మెకానికల్, సివిల్ ఇంజనీరింగ్ కు సంబంధించి కంపాసిట్ మెటీరియల్, డిజైన్ అఫ్ మెషిన్ మెంబర్, పీట్ ట్రూస్ట్స్ ఫర్, ఇస్ట్రీ, నాసా, అటోమోబైల్ ఇండస్ట్రీ, డిఆర్ఎచ్, రిస్ ర్స్కు ఏ నమస్కృతైనా 'అన్సిన్' సాఫ్ట్వేర్ ను ఉప యోగించుకొని పరిష్కరించుకోవచ్చునని విచ్చా ర్థులకు అసిస్టెంట్ ప్రాఫీనర్ భాగ్యవి వివరించారు. అంతేకాక ఏదేని వస్తువు బలాన్ని,



జ్యోతి ప్రజ్యలన చేస్తున్న డాక్టర్ దినేస్కుమార్

మన్సికను, వేడికి స్యందించే గుణం తదితర లక్ష జూలను తెలుసుకోవడానికి ఎంతో ఉపయోగపడుతుందని చెప్పారు. కార్యక్రమంలో ప్రైన్సిపల్ డాక్టర్ దుర్గసుకుమార్, సీఈఎచ్ బోయపాచీ శ్రవన్, హాచ్చిట్డిలు డాక్టర్ చంద్రశేఖర్, డాక్టర్ సాందర్భరాజన్, అధ్యాపకులు పాల్గొన్నారు.

*Sukumar*

**PRINCIPAL**  
 Vignan Institute of Technology and Science  
 (A) Deshmukhi, Pochampally (Mall)  
 Yadadri Bhuvanagiri Dist - 508 284





VIGNAN INSTITUTE OF TECHNOLOGY AND SCIENCE

Near Ramoji Film City, Deshmukhi (V), Yadadri Bhuvanagiri Dist, Telangana - 508 284.

Approved by AICTE, New Delhi, Affiliated to JNTU Hyderabad

EAMCET CODE : VGNT



## సాంకేతిక నైపుణ్యాలు పెంపాందించుకోవాలి



ఎంప్రెస్ట్ ప్రారంభిస్తున్న వైన్ ప్రైవేట్ రిసెస్చుమర్

భూదానీపచంపల్లి, దినెంబర్ 9 : ఇజసీరింగ్ విద్యార్థులు ఎప్పటిక్కప్పుడు నూరు సాంకేతిక నైపుణ్యాలు పెంపోందించుకోవాలని విట్టు కొఱాల డైన్ ప్రైవేట్ ఎన్ డినేష్ట్ర్యూమార్ అన్నారు. కొఱాలలో మెచానికల్ విభాగం ఆధ్యాత్మిక్ ఎస్ట్రీబ్యూచెంట్ అనే అంశంపై వారు రేజిల పాటు నిర్మించే వర్త్తప్రాప్తిను సోమవారం ప్రారు తీంచి మాట్లాడారు. సదస్యులో అస్సెంట్ ప్రొఫెసర్ ఎంబార్ వి ఎస్సిన్ వర్త్తచెంట్ అనే అంశంపై విద్యార్థులకు అప్పగించి కల్పిస్తూ రద్దులూ కలిగి ఉపయోగాలను వివరించారు. సదస్యులో విజ్ఞాన్ సంస్థల సీకువే బోయిపాటి క్రావట్, కొఱాల ప్రైవేట్ దుర్గసుకుమార్, మెచానికల్, సీర్ట్ ఇజసీరింగ్ విభాగాదిపతులు వంద్రశేఖర్, సుందర్ రాజ్ నేల్ పాటు ప్రోఫెసర్లు, ఆచాయకులు, విద్యార్థులు పాల్గొన్నారు.

ఆంధ్రజ్యోతి

Tue, 10 December 2019

<https://epaper.andhrrajyothy.com/c/46711996>

PRINCIPAL

Vignan Institute of Technology and Science  
Vijayawada, Andhra Pradesh (India)  
Yadadri Bhuvanagiri District, 502 284



## DECLARATION

Chief Patron : Dr. L. Rathaiyah, Chairman

### One Week Workshop on ANSYS WORKBENCH

9<sup>th</sup> to 14<sup>th</sup> DECEMBER, 2019



The information provided is true to the best of my knowledge. If selected for this WORKSHOP, I agree to abide by the rules and regulations of the program and shall attend for the entire duration. I also undertake the responsibility to inform the convener, in case unable to attend the workshop for any unavoidable reasons.

S. Sankar  
Signature of the Applicant

### SPONSORSHIP CERTIFICATE

Dr/Ms.  
S. Sankar  
Date: - 508 28/12/2019

is an employee of our Institute/Organization and is here by sponsored to participate in One-week Workshop on ANSYS WORKBENCH during 9<sup>th</sup> to 14<sup>th</sup> December, 2019 conducted by Department of Mechanical Engineering, Vignan Institute of Technology and Science, Deshmukhi, Hyderabad 508284.

Place:

Date:

Signature of  
Head of Institution/organization  
(With Seal)

Note: E-Mail Scanned copy of this form to  
nodmech.vignanhyd@gmail.com

Patrons : Shri B. Shravan, C.E.O.  
Chairman : Dr. G. Durga Sukumar, Principal  
Convenor : Dr. K. Chandra Shekar, Head, MED.  
Co-ordinators : Mrs. M. Radhika, Asst. Professor  
Mrs. Ch. Sai Krupa, Asst. Professor  
Mr. K. Vijay Kumar, Asst. Professor  
Mrs. M. Bhargavi, Asst. Professor

### ORGANIZING COMMITTEE

Mr. N Leela prasad	Mr. Anup Kumar Jana
Dr. S Deva Prasad	Mr. R Ranjith Kumar
Dr. S.M.Hussaini	Mr. Sarat Chandra Mohanty
Dr.B.Singaravel	Mr. S. Surappa
Mr. G.Narendar	Mr. R. Srikanth
Mr. N.Venkateshwari	Mr. G. Nagesh
Mr. K.Mangapathi Rao	Mr. G. Yadagiri
Mrs Ch.Divya	Mr. P. Sadanandam
Ms. P.Madhavi	Ms. K. Navaneetha
Mr. A.Naresh Kumar	Mr. G.Gowtham Reddy
Mr. M.Srihari	Mr. A. Venkatram Reddy
Mr. R.Eshwaraiah	Mr. V.Guru Shankar
Mr. M.Ashok	Mr. B.Pavan chandu
Mr.P.Vinod	Mr. Shiva Kumar

### Important dates

- Last Date for Registration : 2<sup>nd</sup> December, 2019
- Date of Intimation to the selected candidates: 5<sup>th</sup> December, 2019.

### Registration Fee

- Faculty/Research Scholars Rs. 500/-
- Industry/R&D Organizations Rs. 1000/-
- Students Rs. 300/-

Convener:  
Dr. K. Chandra Shekar  
Head, Department of Mechanical Engineering  
Ph.: 7032241480  
Email: nodmech.vignanhyd@gmail.com



Organized by  
Department of  
**Mechanical Engineering**  
Vignan Institute of Technology & Science  
(Approved by AICTE, New Delhi and Affiliated  
to JNTUH)

Vignan Hills, Near Ramoji Film City,  
Deshmukhi(V), Pochampally (M), Yadadri  
Bhuvanagiri (D), TS - 508284.



**VIGNAN INSTITUTE OF TECHNOLOGY & SCIENCE**  
**Department of Mechanical Engineering**  
**WORKSHOP ON ANSYS WORKBENCH**

Time	Date	09.30AM -10.45AM	11.00AM - 12.30PM	1.30PM- 2.45PM	3.00PM - 4.00PM
9.12.2019		Registrations & Inaugural Session	Introduction to ANSYS about the software tool, usages and importance	Difference between APDL and WORKBENCH workbench procedure, analysis systems and its types	Screen Operations
10.12.2019		Analysis tool Screen Details, Engineering data(about engineering materials)	Importing geometry procedure	Screen details of design modeler(geometry)	Tool-bar Explanation
11.12.2019		Continuation of Geometry	Explanation of analysis systems and its types	Session on Role of Static Structural Analysis Systems	T E A B R E A K
12.12.2019		Handson session on solving problems on static structural Analysis using ANSYS SOFTWARE	Handson session on solving problems on static structural Analysis using ANSYS SOFTWARE	Session on Role of Transient Structural Analysis Systems	L U C H N C H B R E A K
13.12.2019		Session on Role of Steady state thermal analysis systems	Handson session on solving problems on steady state thermal Analysis using ANSYS SOFTWARE	Session on Role of Modal analysis and harmonic response analysis system	R E A K R E A K
14.12.2019		Session on Role of CFX(Computational fluid force)	Handson session on solving problems on CFX(Computational fluid force) using ANSYS SOFTWARE	Session on Role of CFD(Computational fluid Dynamics)/ Fluent)	S E A K
15.12.2019		Handson session on solving problems on CFD(Computational fluid Dynamics)/ Fluent)	Feedback , Queries & Valdecitory	Participating Certifications	

*S.Sukumar*  
**PRINCIPAL**  
 Vignan Institute of Technology and Science  
 (M) Deshmukhi, Pochampally (Med.)  
 Yadadri Bhuvanagiri Dist.-508 284

*Prashanthi V.*  
**INSTITUTE OF TECHNOLOGY**  
 Pochampally  
 Yadadri Bhuvanagiri  
 Dist-508 284



VIGNAN INSTITUTE OF TECHNOLOGY AND SCIENCE  
Near Ramoji Film City, Deshmukhi (V), Yadadri Bhuvanagiri Dist, Telangana - 508 284.

Approved by AICTE, New Delhi, Affiliated to JNTU Hyderabad

EAMCET CODE : VGNT



## DEPARTMENT OF MECHANICAL ENGINEERING

### Work Shop

on

ANSYS Workbench

December, 9<sup>th</sup> to 14<sup>th</sup> 2019

### TENTATIVE BUDGET PROPOSAL

Description	Amount	Total
Brochure & banner	3000	3000
Remuneration to External Speaker	5000	5000
Mementos	2000	2000
Lunch (6 days) for external participants	Rs. 50 x 15 x 6	4500
Snacks	Rs. 25 x 50 x 6	7500
Scribbling & Pad pens	Rs. 30 x 50	1500
Certificates	Rs. 10 x 50	500
Miscellaneous	---	3000
	Total	27000
Expected Revenue (Registration fee from External Participants)	Rs. 500 x 15	7500

Requested to sanction Rs. 27000 (twenty seven thousand Rupees) to conduct one week workshop.

Forwarded &  
Recommended

C. Nadeem  
28/11/19

*S. Sekhar*  
PRINCIPAL  
Vignan Institute of Technology and Science  
M.J. Deshmukhi, Pochampally (Maj).  
Yadadri Bhuvanagiri Dist - 508 284.

Head of the Department: **HOD**  
MECHANICAL ENGINEERING  
Vignan Institute of Technology and Science  
M.J. Deshmukhi, Pochampally (Maj).  
Yadadri Bhuvanagiri Dist - 508 284.

*009 28/11/2019*





## VIGNAN INSTITUTE OF TECHNOLOGY AND SCIENCE

Near Ramoji Film City, Deshmukhi (V), Yadadri Bhuvanagiri Dist, Telangana - 508 284.

Approved by AICTE, New Delhi, Affiliated to JNTU Hyderabad

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### DEPARTMENT OF MECHANICAL ENGINEERING

#### Work Shop

on

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Mr. 28/11/20  
HOD  
Head of the Department  
MECHANICAL ENGINEERING  
Vignan Institute of Technology and Science  
Near Ramoji Film City, Deshmukhi (V),  
Pochampally, Dist. 508 284.  
Yadadri Bhuvanagiri Dist. 508 284.





**VIGNAN INSTITUTE OF TECHNOLOGY AND SCIENCE**  
Near Ramoji Film City, Dehmankhi (V), Yadadri Bhuvanagiri Dist, Telangana - 508 284.  
Approved by AICTE, New Delhi, Affiliated to JNTUH, Hyderabad  
EAMCET CODE : VGNT

### DEPARTMENT OF MECHANICAL ENGINEERING

ONE WEEK WORKSHOP ON ANSYS WORKBENCH (9<sup>th</sup> to 14<sup>th</sup> December, 2019)

#### ATTENDANCE SHEET

S.NO.	NAME OF THE PARTICIPANT	NAME OF THE COLLEGE	DESIGNATION	DATES				
				09-12-2019	10-12-2019	11-12-2019	12-12-2019	13-12-2019
1.	Anup K. Jain	VITS, Hyd.	Asst. Prof.	S	S	S	S	S
2.	Sonat Ch. Mohanty	VITS, Hyd.	Asst. Prof.	S	S	S	S	S
3.	B. Ravachoudary	VITS, Hyd	Asst. Prof.	S	S	S	S	S
4.	G. Nagash	VITS Hyd	Asst. Prof.	S	S	S	S	S
5.	R. Rayajith	VITS Hyd	Asst. Prof.	S	S	S	S	S
6.	BHSVARUMAR	VITS Hyd	Asst. Prof.	S	S	S	S	S
7.	P. Vinod	VITS	Asst. Prof.	S	S	S	S	S
8.	A. Varush	VITS	Asst. Prof.	S	S	S	S	S
9.	A. Venkatesham	VITS	Asst. Prof.	S	S	S	S	S
10.	K. VENKATESWAR	VITS	Asst. Prof.	S	S	S	S	S
11.	G. Yadagiri	VITS	Asst. Prof.	S	S	S	S	S
12.	M. RADHIKA	VITS	Asst. Prof.	S	S	S	S	S

*S. Sekar*  
**PRINCIPAL**  
Vignan Institute of Technology and Science  
(Deemed to be University)  
Dehmankhi, Pochampally (M.R.D.H.),  
Yadadri Bhuvanagiri Dist - 508 284.



*S. Sekar*  
Signature of co-ordinator

*Ch. G. Yadagiri*  
Signature of HOD



**VIGNAN INSTITUTE OF TECHNOLOGY AND SCIENCES**  
 Near Ramoji Film City, Deshmukhi (V), Yadadri Bhuvanagiri Dist, Telangana - 508 284.  
 Approved by AICTE, New Delhi, Affiliated to JNTUH, Hyderabad  
 EAMCET CODE : VGTU



### DEPARTMENT OF MECHANICAL ENGINEERING

ONE WEEK WORKSHOP ON ANSYS WORKBENCH (9<sup>th</sup> to 14<sup>th</sup> December, 2019)

#### ATTENDANCE SHEET

S.NO.	NAME OF THE PARTICIPANT	NAME OF THE COLLEGE	DESIGNATION	DATES				
				09-12-2019	10-12-2019	11-12-2019	12-12-2019	13-12-2019
23	P.Sadamandla	VITS	Asst. Prof.					
24	M. Ashok	VITS	Asst. prof					
15	D. Venkant	BEC	Student					
16.	K.Naveenatha	VITS	Asst Prof					
17.	Ch.Divya	VITS	Asst. prof					
18	Dr. S.M.Husain	VITS	Prof					
19.	P.Sadamandla	VITS	Assisting Prof					
20	N.Venkateshwarlu	VITS	Associate Prof					
21	V.Gunashankar	VITS	Asst. Prof					
22	C.Srilakshmi	VITS	Asst. Prof					
23	E.Sureshbabu R	VITS	Asst prof					
24	A.Somitha	CVSR	Student					

**PRINCIPAL**  
 Vignan Institute of Technology and Science  
 (A) Deshmukhi, Pochampally (Medn),  
 Yadadri Bhuvanagiri Dist - 508 284.



Signature of co-ordinator

Signature of HOD



**VIGNAN INSTITUTE OF TECHNOLOGY AND SCIENCE**  
 Near Ramoji Film City, Deenmukhi (V), Yadadri Bhuvanagiri Dist., Telangana - 508 284.  
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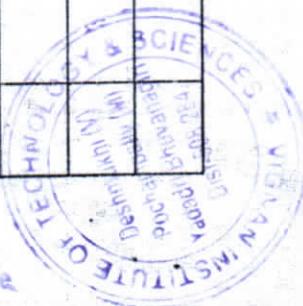
### DEPARTMENT OF MECHANICAL ENGINEERING

ONE WEEK WORKSHOP ON ANSYS WORKBENCH (9<sup>th</sup> to 14<sup>th</sup> December, 2019)

#### ATTENDANCE SHEET

S.NO.	NAME OF THE PARTICIPANT	NAME OF THE COLLEGE	DESIGNATION	DATES			
				09-12-2019	10-12-2019	11-12-2019	12-12-2019
25	R. Srinivasulu	VITS	Asst Prof		✓	✓	✓
26	C. Chaitanya	VITS	Asst. M. C. Surya				
27	Dr. B. S. Singaravel	VITS	Asst- Prof	B. R. L. B. R. L. B. R. L.			
28	Dr. K. C. Slekay	VITS	Prof	✓✓✓	✓✓✓	✓✓✓	✓✓✓
29.	V. S. Chitra	CVSR	Student	✓✓✓	✓✓✓	✓✓✓	✓✓✓
30.	M. Srihari	VITS	Asst. Prof	✓✓✓	✓✓✓	✓✓✓	✓✓✓
31.	S. Surappa	NITS	Asst. Prof	✓✓✓	✓✓✓	✓✓✓	✓✓✓
32.	K. Mangalasar	VITS	Associate	-	✓✓✓	✓✓✓	✓✓✓
33.	P. Madhavi	VITS	Asst. Professor	✓✓✓	✓✓✓	✓✓✓	✓✓✓

*Sukumar*  
**PRINCIPAL**  
 Vignan Institute of Technology and Science  
 (A) Deenmukhi, Euchampally (Med).  
 Yadadri Bhuvanagiri Dist. 508 234



Signature of co-ordinator

Signature of HOD



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EAMCET CODE : VGNIT



DEPARTMENT OF MECHANICAL ENGINEERING  
ONE WEEK WORKSHOP ON ANSYS WORKBENCH (9<sup>th</sup> to 14<sup>th</sup> December, 2019)  
REGISTRATION FORM

S.NO.	NAME OF THE PARTICIPANT	NAME OF THE INSTITUTION	DESIGNATION	E-MAIL ID	AMOUNT PAID	SIGNATURE
13	P. Sodamender	Vignan Institute of Technology & Science	Assistant Professor	v.sodamender@gmail.com	-	
14	Dr. K. Chondreswar	VITS	Prof., VITS.	Kcrlender@vits.ac.in	-	
15	G. Narendu.	VITS	Asst. Prof.	manendu99@yahoo.com	-	
16	N Venkateshwarlu	VITS	Associate Prof.	eskuhartkayyala@gmail.com	-	
17	Ms. Devi Prasad	VITS	Professor	deviprasad@gmail.com	-	
18	Dr. S.M. Hussaini	VITS	Professor	drsmhprof@gmail.com	-	
19	M. Asithor	VITS	Asst. Professor	ashoknewash@vits.ac.in	-	
20	D. Sunanth	BEC	Student	dagnahastinanth7@gmail.com	-	
21	A. Sunitha	C VSR	Student	sunithaakula103@gmail.com	-	
22	D. S. Chitra	C VSR	Student	v.s.chitra1@gmail.com	-	
23	K. Navaneetha	VITS	Asst. Prof	Karanavaneeth@yahoo.in	-	

Signature of Co-Ordinator

Signature of HOD



**PRINCIPAL**  
Vignan Institute of Technology and Science  
(V) Deshmukhi, Pachmarhi (Raod).  
Yadadri Bhuvanagiri Dist. - 508 284



**VIGNAN INSTITUTE OF TECHNOLOGY AND SCIENCE**  
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Approved by AICTE, New Delhi, Affiliated to JNTUH, Hyderabad  
EAMCET CODE : VANT



**DEPARTMENT OF MECHANICAL ENGINEERING**  
**ONE WEEK WORKSHOP ON ANSYS WORKBENCH (9<sup>th</sup> to 14<sup>th</sup> December, 2019)**

**REGISTRATION FORM**

S.NO.	NAME OF THE PARTICIPANT	NAME OF THE INSTITUTION	DESIGNATION	E-MAIL ID	AMOUNT PAID	SIGNATURE
25.	V.S.Chitra	CNSR	Student	V.S.Chitra1@gmail.com	300/-	

**PRINCIPAL**  
Vignan Institute of Technology and Science  
Avd. Deshmukhi, Pochampally (Md),  
Yadadri Bhuvanagiri Dist - 508 284.



Signature of Co-Ordinator

Signature of HOD

## **REGISTRATION FORM**

One Week Workshop  
on

## **ANSYS WORKBENCH**

9<sup>th</sup> to 14 December, 2019

1. Name : \_\_\_\_\_  
 2. Designation : \_\_\_\_\_  
 3. Institution : \_\_\_\_\_

### **EXECUTIVE COMMITTEE**

Chief Patron	Dr. L. Rathaiyah,	Chairman
Patron	Shri B. Shravan,	C.E.O.
Chairman	Dr. G. Durga Sukumar, Principal	
Convenor	Dr. K. Chandra Shekar, HOD-MECH	
Co-ordinators	Mrs. M. Radhika, Mrs. Ch. Sai Krupa,	Asst. Prof. Asst. Prof.
	Mr. K. Vijay Kumar, Mrs. M. Bhargavi,	Asst. Prof. Asst. Prof.

## **One Week Workshop**

On

## **ANSYS**



### **ORGANIZING COMMITTEE**

Mr. N. Leela Prasad	Mr. Anup Kumar Jana
Dr. S. Deva Prasad	Mr. R. Ranjith Kumar
Dr. S. M. Hussaini	Mr. Sarat Chandra Mohanty
Dr. B. Singaravel	Mr. S. Surappa
Mr. G. Narendra	Mr. R. Srikanth
Mr. N. Venkateshwari	Mr. G. Nagesh
Mr. K. Mangapathi Rao	Mr. G. Yadagiri
Mrs. Ch. Divya	Mr. P. Sadanandam
Ms. P. Madhavi	Ms. K. Navaneetha
Mr. A. Naresh Kumar	Mr. Gurram Gowtham Reddy
Mr. M. Srihari	Mr. A. Venkatram Reddy
Mr. R. Eshwaraiyah	Mr. V. Guru Shankar
Amount in Rs:	Date:
Bank Name:	IFSC:

UCBA0001628 Director, Vignan Institute of Technology  
and Science, UCO Bank, Malakpet, Hyderabad.)  
10. Address for Correspondence with Email Id:  
(Deposit A/c No: 16280210000762, IFSC:

- Last Date for Registration : 9<sup>th</sup> December, 2019
- Date of Intimation to the selected candidates : 7<sup>th</sup> December, 2019.
- Registration Fee
- Faculty/ Research Scholars Rs. 500/-
- Industry/R&D Organizations Rs. 1000/-
- Students Rs. 300/-
- Signature of the Participant

## **ANSYS WORKBENCH**

9<sup>th</sup> to 14 December, 2019



**PRINCIPAL**  
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M.Pochampally, Pochampally, 500 076  
Yadadri Bhuvanagiri Dist., 508 284, India

## **VIGNAN INSTITUTE OF TECHNOLOGY & SCIENCE**

(Approved by AICTE, New Delhi and Affiliated to JNTUH)  
Vignan Hills, Near Ramoji Film City, Deshmukhi(Y),  
Pochampally (M), Yadadri Bhuvanagiri Dist.,  
Telangana State - 508 284, India



2019-20  
3 secy

## **Declaration**

The information provided is true to the best of my knowledge. If selected for this WORKSHOP, I agree to abide by the rules and regulations of the program and shall attend for the entire duration. I also undertake the responsibility to inform the convener, in case unable to attend the workshop for any unavoidable reasons.

## **Theme of the Programme**

The objective of this program is to introduce ANSYS Workbench, it is a software environment for performing structural, thermal, and electromagnetic analyses. The workshop focuses on geometry creation and optimization, attaching existing geometry, setting up the finite element model, solving, and reviewing results.



**About the Vignan Institute of Technology & Science**  
Vignan Institute of Technology and Science (VGNIT) was established in the year 1998 by Dr. L. Rathaiyah, Lavu Educational society, Guntur. The Institution is, approved by AICTE, New Delhi, and affiliated to JNTUH Hyderabad. Programmes accredited by National Board of Accreditation (NBA). The institution is located in the calm and serene suburbs of Hyderabad city on the NH-9, the campus is just 5km away from Ramoji Film City. The institution offers four-year B.Tech Programmes in the disciplines of ME, CSE, IT, ECE, EEE, CIVIL and EIE and various Postgraduate level courses.

## **Participants**

Teaching and non-teaching faculty of Engineering colleges with a UG / PG degree in Mech. /Aeronautical /Automobile /Civil Engineering, practicing scientists and research scholars with interest in ANSYS WORKBENCH.

## **Signature of the Applicant**

## **Sponsorship Certificate**

Dr./Mr./Ms.

is an employee of our Institute/Organization and is here by sponsored to participate in One-week Workshop on ANSYS WORKBENCH during 9th to 14th December, 2019 conducted by Department of Mechanical Engineering, Vignan Institute of Technology and Science, Deshmukhi, Hyderabad - 508284.

Place:  
Date:

- Topics to be covered**
- Introduction on Ansys Workbench
  - Difference between ANSYS APDL & Workbench
  - Modules in Workbench
  - Workbench Procedure
  - Types of Analysis systems
  - 2-D Analysis Representation
  - 3-D Analysis Representation

## **Resource Person**

- Eminent persons from reputed academic Institutions and industry.

**Signature of Head of Institution/organization  
(With Seal)**

**Note: E-Mail Scanned copy of this form to  
hodmech.vignanitd@gmail.com**

**Vignan Institute of Technology and Science,  
Deshmukhi, Pachmarhi (M.P.)  
Date: 09/12/2019  
Chapters are active in the department.**



## VIGNAN INSTITUTE OF TECHNOLOGY AND SCIENCE

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### Report On One Week Workshop On "Ansys Workbench" 9<sup>th</sup> To 14<sup>th</sup> December, 2019

Mrs. M. Bhargavi,

Program Co-coordinator & Asst.  
Professor

Mrs. M. Radhika

Program Co Conveners & Professor,

Mrs. Ch. Sai Krupa

Program Co Conveners & Professor

Mr. K. Vijay Kumar

Program Co Conveners & Asst. Professor

**Dr. K. Chandra Shekar**  
**Program Convener**  
Professor and Head,  
Dept. of Mech Engg  
Ph.: 7032241480  
Email: hodmech.vignanhdy@gmail.com

Organized by



Department of Mechanical Engineering  
Vignan Institute of Technology & Science  
(Approved by AICTE, New Delhi and Affiliated to JNTUH)



Vignan Hills, Near Ramoji Film City, Deshmukhi (V),  
Pochampally (M), Yadadri Bhuvanagiri (D), TS - 508284





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A one week faculty development program (FDP) on "WORKSHOP ON ANSYS WORKBENCH" was held in Vignan Institute of Technology & Science (VITS), Deshmukhi, on **9th To 14th December, 2019**. The program was sponsored by Lavu Education Society, Guntur. The Lectures of the program was organized by the Department of Mechanical Engineering, VITS. Dr. K. Chandra Shekar, Professor and Head, Department of Mechanical Engineering was the Convener and Mrs. M. Radhika, Asst.Professor, Mrs. Ch. Sai Krupa, Asst.Professor, Mr. K. Vijay Kumar, Asst.Professor, Mrs. M. Bhargavi, Asst.Professor, Department of Mechanical Engineering was the Coordinator of this programme. Also Dr. S. Deva Prasad, Professor and Dr. B. Singaravel, Asst. Professor, Department of Mechanical Engineering are the Program Co Conveners. Prof. GV Rao, Professor, VITS.

The main theme of the FDP was Our ANSYS Training Programs covers Finite Element Theory and different types of Finite Element Analysis like Static Structural, Modal, Harmonic, Transient Dynamic, Thermal, Random Vibrations, Fatigue Analysis and Optimisation. While imparting the training, we use ANSYS Spaceclaim, ANSYS Design Modeler, ANSYS Workbench & ANSYS Mechanical APDL. IFS Academy Career Program in ANSYS covers ANSYS command prompt mode and basics of engineering design inputs both., This program was intended for the teaching and non-teaching faculty of Engineering colleges with a UG / PG degree in Mech. /Aeronautical /Automobile /Civil /Chemical Engineering, practicing scientists and masters students, research scholars with interest in "ANSYS WORKBENCH".The objective of this program is to introduce ANSYS Workbench, it is a software environment for performing structural, thermal, and electromagnetic analyses. The workshop focuses on geometry creation and optimization, attaching existing geometry, setting up the finite element model, solving, and reviewing results

FDP has taken major initiative in strengthening Engineering Faculty's CAD/CAM/CAE & Engineering Design and Analysis education and training, through the Faculty Development Programs (FDP). We have conducted several number of FDP's in association with Engineering Colleges in the area of CAD/CAM/FEA & CFD. Parent Software Companies also take active part in organizing such programs.

### Our FDP's focusses on:

Training and upgrading Faculty on latest versions of CAD/CAM/CAE Softwares

Implementing Teaching Methodology as per Revised Syllabus of various Universities using CAD/CAM/CAE Softwares.

Industrial Case Studies / Projects / Assignments

CAD/CAM/CAE Software Industrial Tips & Tricks

Engineering Domain oriented Training Programs

  
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Vignan Institute of Technology and Science  
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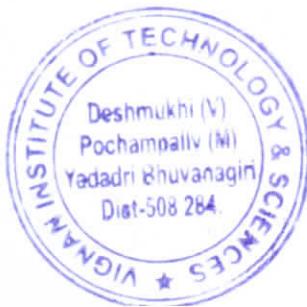
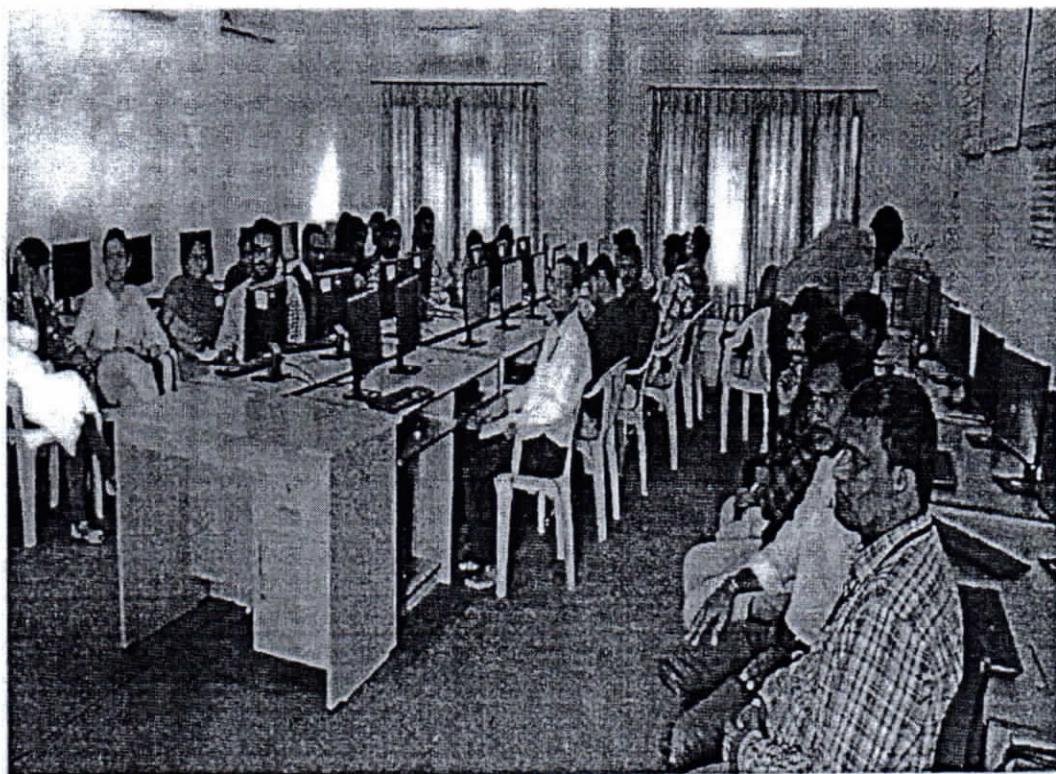
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### TOPICS TO BE COVERED

- Introduction on Ansys Workbench
- Difference B/W ANSYS Apdl & Workbench
- Modules in Workbench
- Workbench Procedure
- Types of Analysis systems
- 2-D Analysis Representation
- 3-D Analysis Representation.

### ONE WEEK WORKSHOP ON ANSYS WORKBENCH



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(V) Deshmukhi, Pochampally (M.L).  
Yadadri Bhuvanagiri Dist - 508 284.



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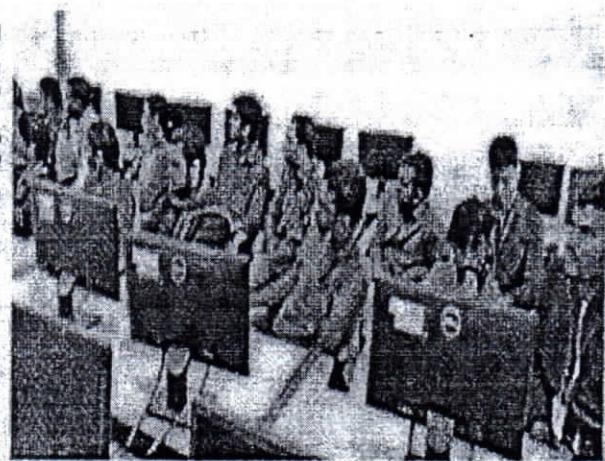
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## ఏఎస్‌బీఎస్ సాఫ్ట్‌వర్ వినియోగంపై వర్ణపాఠ

భూదీనపోతయి: మండలం పరిధి దేశముల్లోని ప్రముఖ విద్యా సంస్థ విజ్ఞాన జ్ఞానిస్టిట్యూట్ ఆఫ్ సైన్స్ అండ్ టెక్నాలజీస్ సేమానారం మొనికర్ ఇంజీనీరింగ్ విద్యా రూలుకు ఏఎస్‌బీఎస్ సాఫ్ట్‌వర్ పై వర్ణపాపను నిర్మించారు. వారం రోజులు నిర్మించాయి ఈ వర్ణపాపను కూడా లైన్ ప్రైసిపార్ట్ దినే కుమార్ ప్రార్థించారు. ఈ సంఘర్షణా ఆయన మాటలుతూ ఈ సాఫ్ట్ వర్ణను ఉపయోగించి 3-డిమెన్షనల్ ఆట్లెక్సన్ క్రిమెంట్ చేసు కొని వస్తువుల లక్షణాలు, వాచీ బలం, మన్మికను తెలుసు కోవచ్చున్నారు. ఈ వర్ణపాపను విద్యార్థులు స్విసి యోగం చేసుకోవాలని తెలిపారు. మొదటి రోజు విద్యార్థులకు మొనికర్ ఇంజీనీరింగ్ విభాగానికి చెందిన ఆసిస్టాంట్ ప్రొఫెసర్ ఎం భార్యవి ఏఎస్‌బీఎస్ ఉపయోగాలను విద్యార్థులు తెలియజ్ఞారు. కార్బూకుమంలో కూడా సీకష్ట బోయి



వర్ణపాపనకు హజ్జరైన విద్యార్థులు

పాటి శ్రవణకుమార్, ప్రైసిపర్ దుర్గ సుకుమార్, మొనికర్ సివిర్ ఇంజీనీరింగ్ పోస్ట్ డిల్ చంద్రశేఖర్, సాయంరూజ్, ఆధ్యాత్మకులు పాల్గొన్నారు.

మాటలు

Tue, 10 December 2019

<https://epaper.ntnews.com/c/46712247>

PRINCIPAL

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(V) Deshmukhi, Pochampally (Mall),  
Yadadri Bhuvanagiri Dist. -508 284.





# 'విజ్ఞాన్'లో సెమినార్

భూదాన్ పోచంపల్లి(భువనగిరి) : ముండ లంలోని దేశముఫిలోని విజ్ఞాన్ ఇన్స్టిట్యూట్ అఫ్ టెక్నాలజీ అండ్ సైన్స్ కళాశాలలో సమ వారం 'అన్నిస్ వర్క్షబెంచ్' అనే అంశంపై సెమినార్ నిర్వహించారు. కార్యక్రమాన్ని కళాశాల వైస్ ప్రైన్సిపార్ డాక్టర్ దినేస్కుమార్ జ్యోతి ప్రజ్యలన చేసి ప్రారంభించారు. ఈ సందర్భంగా మెకానికల్, సివిల్ ఇంజనీరింగ్ కు సంబంధించి కంపెసిట్ మెటోరియల్, డిజైన్ అఫ్ మెషిన్ మెంబర్, పీట్ ట్రూస్స్ ఫర్, ఇస్ట్రీ, నాసా, అటోమోబైల్ ఇండస్ట్రీ, డిఆర్ఎచ్, రిస్ ర్స్కు ఏ నమస్కృతైనా 'అన్నిస్' సాఫ్ట్వేర్ ను ఉప యోగించుకొని పరిపూరించుకోవచ్చునని విచ్చా ర్థులకు అసిస్టెంట్ ప్రాఫీనర్ భాగ్యవి వివరించారు. అంతేకాక ఏదేని వస్తువు బలాన్ని,



జ్యోతి ప్రజ్యలన చేస్తున్న డాక్టర్ దినేస్కుమార్

మన్సికను, వేడికి స్యందించే గుణం తదితర లక్ష జూలను తెలుసుకోవడానికి ఎంతో ఉపయోగపడుతుందని చెప్పారు. కార్యక్రమంలో ప్రైన్సిపల్ డాక్టర్ దుర్గసుకుమార్, సీఈఎచ్ బోయపాచీ శ్రవన్, హాచ్చిట్డిలు డాక్టర్ చంద్రశేఖర్, డాక్టర్ సాందర్భరాజన్, అధ్యాపకులు పార్కీనార్.

*Sukumar*

**PRINCIPAL**  
 Vignan Institute of Technology and Science  
 (A) Deshmukhi, Pochampally (Mall)  
 Yadadri Bhuvanagiri Dist - 508 284





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## సాంకేతిక నైపుణ్యాలు పెంపాందించుకోవాలి



ఎంప్రెస్ట్ ప్రారంభిస్తున్న వైన్ ప్రైవేట్ రిసెస్చుమర్

భూదానీపచంపల్లి, దినెంబర్ 9 : ఇజసీరింగ్ విద్యార్థులు ఎప్పటికుప్పుడు నూరు సాంకేతిక నైపుణ్యాలు పెంపోందించుకోవాలని విట్టు కొఱాల డైన్ ప్రైవేట్ ఎన్ డినేష్ట్రిమార్ ఆశ్చర్య. కొఱాలలో మెచానికల్ విభాగం ఆధ్యాత్మిక్ ఎస్ట్రీబ్యూచెంట్ అనే అంశంపై వారు రేజిల పాటు నిర్మించే వర్త్తపోస్టు సోమవారం ప్రారు థించి మాట్లాడారు. సదస్యులో అస్సెంట్ ప్రొఫెసర్ ఎంబార్ వి ఎస్సిన్ వర్క్షెంట్ అనే అంశంపై విద్యార్థులకు అప్పగించి కల్పిస్తూ రద్దులూ కలిగి ఉపయోగాలను వివరించారు. సదస్యులో విజ్ఞాన్ సంస్థల సీకువే బోయిపాటి క్రావట్, కొఱాల ప్రైవేట్ దుర్గసుకుమార్, మెచానికల్, సీర్ట్ ఇజసీరింగ్ విభాగాదిపతులు వంద్రశేఖర్, సుందర్ రాజ్ నేల్ పాటు ప్రోఫెసర్లు, ఆచాయకులు, విద్యార్థులు పాల్గొన్నారు.

ఆంధ్రజ్యోతి

Tue, 10 December 2019

<https://epaper.andhrrajyothy.com/c/46711996>

PRINCIPAL

Vignan Institute of Technology and Science  
Vijayawada, Andhra Pradesh (India)  
Yadadri Bhuvanagiri District, 508 284



## DECLARATION

Chief Patron : Dr. L. Rathaiyah, Chairman

### One Week Workshop on ANSYS WORKBENCH

9<sup>th</sup> to 14<sup>th</sup> DECEMBER, 2019



The information provided is true to the best of my knowledge. If selected for this WORKSHOP, I agree to abide by the rules and regulations of the program and shall attend for the entire duration. I also undertake the responsibility to inform the convener, in case unable to attend the workshop for any unavoidable reasons.

Signature of the Applicant

### SPONSORSHIP CERTIFICATE

Dr/Ms.  
Sukumar

is an employee of our Institute/Organization and is here by sponsored to participate in One-week Workshop on ANSYS WORKBENCH during 9<sup>th</sup> to 14<sup>th</sup> December, 2019 conducted by Department of Mechanical Engineering, Vignan Institute of Technology and Science, Deshmukhi, Hyderabad 508284.

Place:

Date:

Signature of  
Head of Institution/organization  
(With Seal)

Note: E-Mail Scanned copy of this form to  
nodmech.vignanhyd@gmail.com

Patrons : Shri B. Shravan, C.E.O.  
Chairman : Dr. G. Durga Sukumar, Principal  
Convenor : Dr. K. Chandra Shekar, Head, MED.  
Co-ordinators : Mrs. M. Radhika, Asst.Professor  
Mrs. Ch. Sai Krupa, Asst.Professor  
Mr. K. Vijay Kumar, Asst.Professor  
Mrs. M. Bhargavi, Asst.Professor

### ORGANIZING COMMITTEE

Mr. N Leela prasad	Mr. Anup Kumar Jana
Dr.S Deva Prasad	Mr. R Ranjith Kumar
Dr.S.M.Hussaini	Mr. Sarat Chandra Mohanty
Dr.B.Singaravel	Mr. S. Surappa
Mr. G.Narendar	Mr. R. Srikanth
Mr. N.Venkateshwari	Mr. G. Nagesh
Mr. K.Mangapathi Rao	Mr. G. Yadagiri
Mrs.Ch.Divya	Mr. P. Sadanandam
Ms. P.Madhavi	Ms. K. Navaneetha
Mr. A.Naresh Kumar	Mr. G.Gowtham Reddy
Mr. M.Srihari	Mr. A.Venkataram Reddy
Mr. R.Eshwaraiah	Mr. V.Guru Shankar
Mr. M.Ashok	Mr. B.Pavan chandu
Mr.P.Vinod	Mr. Shiva Kumar

### Important dates

- Last Date for Registration : 2<sup>nd</sup> December, 2019
- Date of Intimation to the selected candidates: 5<sup>th</sup> December, 2019.

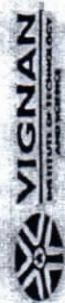
### Registration Fee

- Faculty/Research Scholars Rs. 500/-
- Industry/R&D Organizations Rs. 1000/-
- Students Rs. 300/-

Convener:  
Dr. K. Chandra Shekar  
Head, Department of Mechanical Engineering  
Ph.: 7032241480  
Email: nodmech.vignanhyd@gmail.com

Organized by  
Department of  
**Mechanical Engineering**  
Vignan Institute of Technology & Science  
(Approved by AICTE, New Delhi and Affiliated  
to JNTUH)

Vignan Hills, Near Ramoji Film City,  
Deshmukhi(V), Pochampally (M), Yadadri  
Bhuvanagiri (D), TS - 508284.



**VIGNAN INSTITUTE OF TECHNOLOGY & SCIENCE**  
**Department of Mechanical Engineering**  
**WORKSHOP ON ANSYS WORKBENCH**

Time	Date	09.30AM -10.45AM	11.00AM - 12.30PM	1.30PM- 2.45PM	3.00PM - 4.00PM
9.12.2019		Registrations & Inaugural Session	Introduction to ANSYS about the software tool, usages and importance	Difference between APDL and WORKBENCH workbench procedure, analysis systems and its types	Screen Operations
10.12.2019		Analysis tool Screen Details, Engineering data(about engineering materials)	Importing geometry procedure	Screen details of design modeler(geometry)	Tool-bar Explanation
11.12.2019		Continuation of Geometry	Explanation of analysis systems and its types	Session on Role of Static Structural Analysis Systems	T E A B R E A K L U C H B R E A K
12.12.2019		Hands-on session on solving problems on static structural Analysis using ANSYS SOFTWARE	Hands-on session on solving problems on static structural Analysis using ANSYS SOFTWARE	Session on Role of Transient Structural Analysis Systems	R E A K B R E A K
13.12.2019		Session on Role of Steady state thermal analysis systems	Hands-on session on solving problems on steady state thermal Analysis using ANSYS SOFTWARE	Session on Role of Modal analysis and harmonic response analysis system	E A K B R E A K
14.12.2019		Session on Role of CFX(Computational fluid force)	Hands-on session on solving problems on CFX(Computational fluid force) using ANSYS SOFTWARE	Session on Role of CFD(Computational fluid Dynamics)/ Fluent)	S E A B R E A K
15.12.2019		Hands-on session on solving problems on CFD(Computational fluid Dynamics)/ Fluent)	Feedback , Queries & Valedictory	Participating Certifications	

*S.Sukumar*  
**PRINCIPAL**  
 Vignan Institute of Technology and Science  
 (M) Deshmukhi, Pochampally (Mdu)  
 Yadadri Bhuvanagiri Dist.-508 284





VIGNAN INSTITUTE OF TECHNOLOGY AND SCIENCE  
Near Ramoji Film City, Deshmukhi (V), Yadadri Bhuvanagiri Dist, Telangana - 508 284.

Approved by AICTE, New Delhi, Affiliated to JNTU Hyderabad

EAMCET CODE : VGNT



## DEPARTMENT OF MECHANICAL ENGINEERING

### Work Shop

on

ANSYS Workbench

December, 9<sup>th</sup> to 14<sup>th</sup> 2019

### TENTATIVE BUDGET PROPOSAL

Description	Amount	Total
Brochure & banner	3000	3000
Remuneration to External Speaker	5000	5000
Mementos	2000	2000
Lunch (6 days) for external participants	Rs. 50 x 15 x 6	4500
Snacks	Rs. 25 x 50 x 6	7500
Scribbling & Pad pens	Rs. 30 x 50	1500
Certificates	Rs. 10 x 50	500
Miscellaneous	---	3000
	Total	27000
Expected Revenue (Registration fee from External Participants)	Rs. 500 x 15	7500

Requested to sanction Rs. 27000 (twenty seven thousand Rupees) to conduct one week workshop.

Forwarded &  
Recommended

C. Nadeem  
28/11/19

*S. Sekhar*  
PRINCIPAL  
Vignan Institute of Technology and Science  
M.J. Deshmukhi, Pochampally (Maj).  
Yadadri Bhuvanagiri Dist - 508 284.

Head of the Department: **HOD**  
MECHANICAL ENGINEERING  
Vignan Institute of Technology and Science

*0094 2811/2019*





## VIGNAN INSTITUTE OF TECHNOLOGY AND SCIENCE

Near Ramoji Film City, Deshmukhi (V), Yadadri Bhuvanagiri Dist, Telangana - 508 284.

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### DEPARTMENT OF MECHANICAL ENGINEERING

#### Work Shop

on

#### ANSYS Workbench

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Mr. 28/11/20  
HOD  
Head of the Department  
MECHANICAL ENGINEERING  
Vignan Institute of Technology and Science  
Near Ramoji Film City, Deshmukhi (V),  
Pochampally, Dist. 508 284.  
Yadadri Bhuvanagiri Dist. 508 284.





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### DEPARTMENT OF MECHANICAL ENGINEERING

ONE WEEK WORKSHOP ON ANSYS WORKBENCH (9<sup>th</sup> to 14<sup>th</sup> December, 2019)

#### ATTENDANCE SHEET

S.NO.	NAME OF THE PARTICIPANT	NAME OF THE COLLEGE	DESIGNATION	DATES				
				09-12-2019	10-12-2019	11-12-2019	12-12-2019	13-12-2019
1.	Anup K. Jain	VITs, Hyd.	Asst. Prof.	S	S	S	S	S
2.	Sonat Ch. Mohanty	VITs, Hyd.	Asst. Prof.	S	S	S	S	S
3.	B. Ravachoudary	VITs, Hyd	Asst. Prof.	S	S	S	S	S
4.	G. Nagash	VITs Hyd	Asst. Prof.	S	S	S	S	S
5.	R. Rayajith	VITs Hyd	Asst. Prof.	S	S	S	S	S
6.	B. Siva Kumar	VITs Hyd	Asst. Prof.	S	S	S	S	S
7.	P. Vinod	VITs	Asst. Prof.	S	S	S	S	S
8.	A. Varush	VITs	Asst. Prof.	S	S	S	S	S
9.	A. Venkatesham	VITs	Asst. Prof.	S	S	S	S	S
10.	K. V. S. S. Kumar	VITs	Asst. Prof.	S	S	S	S	S
11.	G. Yadagiri	VITs	Asst. Prof.	S	S	S	S	S
12.	M. RADHIKA	VITs	Asst. Prof.	S	S	S	S	S

*S. Sekar*  
**PRINCIPAL**  
Vignan Institute of Technology and Science  
(Dehmankhi, Pochampally (M.R.D.),  
Yadadri Bhuvanagiri Dist - 508 284.



*S. Sekar*  
Signature of co-ordinator

*Ch. G. Yadagiri*  
Signature of HOD



**VIGNAN INSTITUTE OF TECHNOLOGY AND SCIENCES**  
 Near Ramoji Film City, Deshmukhi (V), Yadadri Bhuvanagiri Dist, Telangana - 508 284.  
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 EAMCET CODE : VGTU



### DEPARTMENT OF MECHANICAL ENGINEERING

ONE WEEK WORKSHOP ON ANSYS WORKBENCH (9<sup>th</sup> to 14<sup>th</sup> December, 2019)

#### ATTENDANCE SHEET

S.NO.	NAME OF THE PARTICIPANT	NAME OF THE COLLEGE	DESIGNATION	DATES				
				09-12-2019	10-12-2019	11-12-2019	12-12-2019	13-12-2019
23	P.Sadamandla	VITS	Asst. Prof.					
24	M. Ashok	VITS	Asst. prof					
15	D. Venkant	BEC	Student					
16.	K.Naveenatha	VITS	Asst Prof					
17.	Ch.Divya	VITS	Asst. prof					
18	Dr. S.M.Husain	VITS	Prof					
19.	P.Sadamandla	VITS	Assisting Prof					
20	N.Venkateshwarlu	VITS	Associate Prof					
21	V.Gunashankar	VITS	Asst. Prof					
22	C.Srilakshmi	VITS	Asst. Prof					
23	E.Sureshbabu R	VITS	Asst prof					
24	A.Somitha	CVSR	Student					

**PRINCIPAL**  
 Vignan Institute of Technology and Science  
 (A) Deshmukhi, Pochampally (Medn),  
 Yadadri Bhuvanagiri Dist - 508 284.



Signature of co-ordinator

Signature of HOD



**VIGNAN INSTITUTE OF TECHNOLOGY AND SCIENCE**  
Near Ramoji Film City, Deenmukhi (V), Yadadri Bhuvanagiri Dist., Telangana - 508 284.  
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EAMCET CODE : VGNT



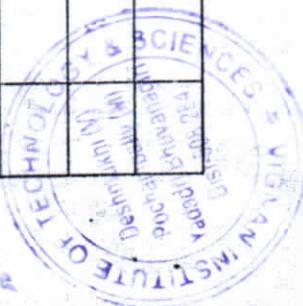
### DEPARTMENT OF MECHANICAL ENGINEERING

ONE WEEK WORKSHOP ON ANSYS WORKBENCH (9<sup>th</sup> to 14<sup>th</sup> December, 2019)

#### ATTENDANCE SHEET

S.NO.	NAME OF THE PARTICIPANT	NAME OF THE COLLEGE	DESIGNATION	DATES			
				09-12-2019	10-12-2019	11-12-2019	12-12-2019
25	R. Srinivasulu	VITS	Asst Prof		✓	✓	✓
26	C. Chaitanya	VITS	Asst Prof		✓	✓	✓
27	Dr. B. S. Singaravel	VITS	Asst Prof	B.R.E	B.R.E	B.R.E	B.R.E
28	Dr. K. C. Slekay	VITS	Prof	✓✓✓	✓✓✓	✓✓✓	✓✓✓
29.	V. S. Chitra	CVSR	Student	✓✓✓	✓✓✓	✓✓✓	✓✓✓
30.	M. Srihari	VITS	Asst Prof	✓✓✓	✓✓✓	✓✓✓	✓✓✓
31.	S. Surappa	NITS	Asst Prof	✓✓✓	✓✓✓	✓✓✓	✓✓✓
32.	K. Mangalreddy	VITS	Associate	-	✓✓✓	✓✓✓	✓✓✓
33.	P. Nadhani	VITS	Asst Professor	✓✓✓	✓✓✓	✓✓✓	✓✓✓

*Sukumar*  
**PRINCIPAL**  
Vignan Institute of Technology and Science  
(A) Deenmukhi, Euchampally (Med).  
Yadadri Bhuvanagiri Dist. - 508 234.



Signature of co-ordinator

Signature of HOD



**VIGNAN INSTITUTE OF TECHNOLOGY AND SCIENCE**  
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DEPARTMENT OF MECHANICAL ENGINEERING  
ONE WEEK WORKSHOP ON ANSYS WORKBENCH (9<sup>th</sup> to 14<sup>th</sup> December, 2019)  
REGISTRATION FORM

S.NO.	NAME OF THE PARTICIPANT	NAME OF THE INSTITUTION	DESIGNATION	E-MAIL ID	AMOUNT PAID	SIGNATURE
13	P. Sodamender	Vignan Institute of Technology & Science	Assistant Professor	v.sodamender@gmail.com	-	
14	Dr. K. Chondreswar	VITS	Prof., VITS.	Kcrlender@vits.ac.in	-	
15	G. Narendu.	VITS	Asst. Prof.	manendu99@yahoo.com	-	
16	N Venkateshwarlu	VITS	Associate Prof.	eskuhartkayyala@gmail.com	-	
17	Ms. Devi Prasad	VITS	Professor	deviprasad@gmail.com	-	
18	Dr. S.M. Hussaini	VITS	Professor	drsmhprof@gmail.com	-	
19	M. Asithor	VITS	Asst. Professor	ashoknewash@vits.ac.in	-	
20	D. Sunanth	BEC	Student	dagnahastinanth7@gmail.com	-	
21	A. Sunitha	C VSR	Student	sunithaakula103@gmail.com	-	
22	D. S. Chitra	C VSR	Student	v.s.chitra1@gmail.com	-	
23	K. Navaneetha	VITS	Asst. Prof	Karanavaneeth@yahoo.in	-	

Signature of Co-Ordinator

Signature of HOD



**PRINCIPAL**  
Vignan Institute of Technology and Science  
(V) Deshmukhi, Pachmarhi (Raod).  
Yadadri Bhuvanagiri Dist. - 508 284



2019-20

CSE



## VIGNAN INSTITUTE OF TECHNOLOGY & SCIENCE

(Programmes Accredited by NBA and Certified by ISO 9001 : 2000)

(Sponsored by Lavu Educational Society)



Dt:23/07/19

To,  
The Chairman,  
BOS,  
Department of computer science & Engineering.

Sub: Regarding conducting a workshop in CSE department.

Respected Sir,

On behalf of our institution, I am requesting for permission to conduct a Faculty Development programme in CSE Department” **Block chain Management ) ”** to enhance the skills in Teaching staff. This is organized by Software Research , where they will be trained on Techniques.

We request you to give permission to conduct the workshop within the college on 1-6 July ,2019. This will be a one week workshop.

With Best Regards,

HoD CSE



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Vignan Institute of Technology and Science  
Deshmukhi, Bhongir Yadadri Dist-508 284



VIGNAN INSTITUTE OF TECHNOLOGY & SCIENCE

(Programmes Accredited by NBA and Certified by ISO 9001 : 2000)

(Sponsored by Lavu Educational Society)



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CIRCULAR

25<sup>th</sup> – June- 2019

All the Teaching staff are here by informed that from during 1-6 th July 2019, Department of CSE is conducting five days workshop on “Block chain Management” by Trainer, Research. .

HOD-CSE

cc: Principal for kind  
information, All CSE Staff.  
Transport Department



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Vignan Institute of Technology and Science  
Deshmukhi, Bhongir Yadadri Dist-508 284

**Faculty Development Program – 2019**  
**Schedule for Block chain technologies from 1<sup>st</sup> July to 6<sup>th</sup> July**

Day	Date	Session	Time	Topic
1	1-07-2019	FN	10:00 to 11:15 AM	Block chain & it's uses, drawbacks, finance use case
			11:15 to 11:25 AM	Tea
			11:30 AM to 1:00 PM	Distributed systems, cryptocurrencies
		AN	1:00 to 2:00 PM	Lunch
			2:00 to 3:15 PM	Components, structures, & mechanisms
			3:15 to 3:25 PM	Tea
			3:30 to 4:55 PM	Algorithms, types, & platforms
2	2-07-2019	FN	10:00 to 11:15 AM	Introduction, accessing, wallet of bitcoin
			11:15 to 11:25 AM	Tea
			11:30 AM to 1:00 PM	Scripting, node, network, roles in ecosystem
		AN	1:00 to 2:00 PM	Lunch
			2:00 to 3:15 PM	Purpose & working of bitcoin mining
			3:15 to 3:25 PM	Tea
			3:30 to 4:55 PM	Importance & security
3	3-07-2019	FN	10:00 to 11:15 AM	Ethereum - introduction, ecosystem, & mining procedure
			11:15 to 11:25 AM	Tea
			11:30 AM to 1:00 PM	Solidity programming
		AN	1:00 to 2:00 PM	Lunch
			2:00 to 3:15 PM	Explanation : setup of block chain environment
			3:15 to 3:25 PM	Tea
			3:30 to 4:55 PM	Smart contract on entereum, web, & console
4	4-07-2019	FN	10:00 to 11:15 AM	Hyperledger, architecture, & consensus mechanism
			11:15 to 11:25 AM	Tea
			11:30 AM to 1:00 PM	Landscape, business network development
		AN	1:00 to 2:00 PM	Lunch
			2:00 to 3:15 PM	Deploy business network, hyperledger composer
			3:15 to 3:25 PM	Tea
			3:30 to 4:55 PM	Hyperledger fabric
5	5-07-2019	FN	10:00 to 11:15 AM	Multichain platform, mining
			11:15 to 11:25 AM	Tea
			11:30 AM to 1:00 PM	Private block chain on multichain
		AN	1:00 to 2:00 PM	Lunch
			2:00 to 3:15 PM	Use cases, impact
			3:15 to 3:25 PM	Tea
			3:30 to 4:55 PM	Block chain application platform
6	6-07-2019	FN	10:00 to 11:15 AM	Software oriented Block chain Technology
			11:15 to 11:25 AM	Tea
			11:30 AM to 1:00 PM	Block chain Technology in Digital Forensics
		AN	1:00 to 2:00 PM	Lunch
			2:00 to 3:15 PM	Cloud applications on Block chain Technology
			3:15 to 3:25 PM	Tea
			3:30 to 4:55 PM	Valedictory function



*S. Sutkumar*  
PRINCIPAL

Vignan Institute of Technology and Science  
Deshmukhi, Badgir Yadadri Dist-508 204

## REGISTRATION FORM

### Topics Covered Day wise

Name : \_\_\_\_\_  
Date of Birth : \_\_\_\_\_  
Place of Birth: Village/Town/City : \_\_\_\_\_  
Tick as applicable (Rural / Urban)  
District \_\_\_\_\_ State: \_\_\_\_\_  
Gender (Put a  Mark) :  Male  Female  
Qualification : \_\_\_\_\_  
Designation : \_\_\_\_\_  
Organization : \_\_\_\_\_  
No. of Years of Teaching Experience : \_\_\_\_\_  
Address for Correspondence : \_\_\_\_\_

### Day - 1

Introduction to Blockchain How Blockchain works Public vs Private Blockchains Future of Blockchain

### Day - 2 & 3

Tokens Decentralized Applications Smart Contracts ICOs

### Day - 4

Cryptocurrency Ripple Ethereum R3 Hyperledger Pros & Cons

### Day - 5

Applications of Blockchain with examples (demo & hands on)(one of these) Payments Insurance Financial Derivatives KYC & AML Procedures E-Identity Crowdfunding & Peer-Peer Lending Retail & Distribution

### Day - 6

Case study: Hands-on practice sessions

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

Recommended and Forwarded  
Signature of the Head of the Department/ Institution

Office Seal  
Signature of the Head of the Department/ Institution

One Week  
Faculty Development Program  
on

## BLOCK CHAIN MANAGEMENT



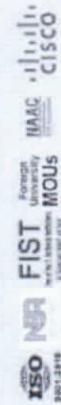
1<sup>st</sup> to 6<sup>th</sup> July, 2019

*Sankaraprasanna*

PRINCIPAL



Organized by  
Department of  
Computer Science & Engineering



Vignan Hills, Near Ramoji Film City, Deshmukhi (V),  
Poornapally (W), Yadadri Bhuvanagiri (D), TS-508284

**REGISTRATION FORM**Name : G.Raja VignamDate of Birth : 31-06-1985Place of Birth: Village/Town/City : Nizamabad

Tick as applicable (Rural / Urban)

District Nizamabad State: Andhra PradeshGender (Put a  Mark) :  Male  FemaleQualification : M.Tech , Cph.DDesignation : Head of the Dept. - CSEOrganization : Vignan Inst. of Tech & Science  
No. of Years of Teaching Experience : 13 years

Address for Correspondence :

Flat No. 301, Sai Avenue, Bagath NagarHayathnagarMobile(s) : 9848525757Email(s) : gajalvignam@gmail.com

Details of Remitting Registration Fee :

(i) Amount in Rs. 500/-(ii) On-line Transaction No./ DD No: 1111111111111111(iii) Date: 01/07/2019Accommodation (Put a  Mark):  Required  Not Required

Declaration by the Applicant

I agree to abide by the rules and regulations of the FDP programme and shall attend all the sessions.

Date: 1/7/19

Signature of the Applicant  
E.S. Raja Vignam

Recommendation Forwarded  
R.V. Reddy

Signature of the Head of the Department  
Head of the Department

Office Seal

Signature of the Head of the Department  
Head of the Department  
Department of Computer Sciences & Engineering  
Vignan Institute of Technology & Science  
Vignan Hills, Deshmukhi (Vill.), Pochampally (Md.)  
Nannonda Distl.-508 284 T.S.

**Topics Covered Day wise****Day-1**

Introduction to Blockchain How Blockchain works Public vs Private Blockchains Future of Blockchain

**Day-2**

Tokens Decentralized Applications Smart Contracts ICOs

**Day-3**No. of Years of Teaching Experience : 13 years  
Address for Correspondence : Flat No. 301, Sai Avenue, Bagath Nagar  
Cryptocurrency Ripple Ethereum R3 Hyperledger Pros & Cons**Day-4**

Applications of Blockchain with examples (demo &amp; hands on)(one of these) Payments Insurance Financial Derivatives KYC &amp; AML Procedures E-Identity Crowdfunding &amp; Peer-to-Peer Lending Retail &amp; Distribution

**Day-5**

Case study: Hands-on practice sessions

In Association with  
**VIGNAN**  
INSTITUTE OF TECHNOLOGY & SCIENCE  
Deshmukhi, Bhongir Yadadri Dist-508 284  
Organized by  
Department of  
Computer Science & Engineering



Vignan hills, Near Ramoji Film City, Deshmukhi (V),  
Pochampally (Md), Yadadri Bhuvanagiri (D), TS - 508284

## REGISTRATION FORM

Name : A. Bindu  
Date of Birth : 05/07/1992  
Place of Birth: Village/Town/City : Khammam  
Tick as applicable (Rural / Urban)  
District Hyd State: Telangana  
Gender (Put a  Mark) :  Male  Female  
Qualification : M.Tech  
Designation : Asst Prof  
Organization : VGU  
No. of Years of Teaching Experience : 2 yrs  
Address for Correspondence :  
PLOT NO: 24 GYANAGRAJU VILLEGE  
Balapur Mandal RR Dist  
Mobile(s) : 9396688807  
Email(s) : adusumallu7ahb@gmail.com  
Details of Remitting Registration Fee :  
(i) Amount in Rs. 500/-  
(ii) On-line Transaction No./ DD No: ~  
(iii) Date: 11/7/19

Accommodation (Put a  Mark):  Required  Not Required  
Declaration by the Applicant  
I agree to abide by the rules and regulations of the FDP programme and shall attend all the sessions.

Date: 17/7/19

Signature of the Applicant  
Recommended and Forwarded  
Signature of the Head of the Department/ Institution  
Head of the Department  
Department of Computer Science & Engineering  
Vignan Institute of Technology & Sciences  
Vignan Hills, Deshmukhi (Vill.), Pochampally (M), Nalgonda Dist., -508 284 TS

## Topics Covered Day wise

### Day - 1

One Week Faculty Development Program on

## BLOCK CHAIN MANAGEMENT



### Day - 2 & 3

Tokens Decentralized Applications Smart Contracts ICOs

### Day - 4

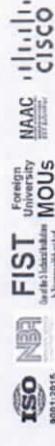
Cryptocurrency Ripple Ethereum R3 Hyperledger Pros & Cons

### Day - 5

Applications of Blockchain with examples (demo & hands on)(one of these) Payments Insurance Financial Derivatives KYC & AML Procedures E-Identity Crowdfunding & Peer-Peer Lending Retail & Distribution

### Day - 6

1<sup>st</sup> to 6<sup>th</sup> July, 2019  
PRINCIPAL  
Organized by  
VIGNAN INSTITUTE OF TECHNOLOGY & SCIENCE  
Institute of Technology & Science  
Department of Computer Engineering  
Yadadri Bhadrinath Kammal Bhagirathi  
Computer Science & Engineering



Vignan Hills, Near Ramoji Film City, Deshmukhi (V),  
Yadadri Bhadrinath (M), Pochampally (D), TS - 508284  
Nalgonda Dist., -508 284 TS

### REGISTRATION FORM

#### Topics Covered Day wise

Name : G. Madhavee Latha  
Date of Birth : 18/08/1989

Place of Birth: Village/Town/City : Naxsayaopet  
Tick as applicable (Rural / Urban)

District Gowtur State: Andhra pradesh

Gender (Put a  Mark) :  Male  Female

Qualification : B.Tech

Designation : Programmer

Organization : Vignan Institute of Technology & Science

No. of Years of Teaching Experience : -

Address for Correspondence :

Flat No : 30 II phase, Mitru kuteey,

Mobile(s) : 900604519  
Email(s) : bayapati.madhavilatha@gmail.com

Details of Remitting Registration Fee :

(i) Amount in Rs. 500/-

(ii) On-line Transaction No./ DD No: \_\_\_\_\_

(iii) Date: 29/06/2019

Accommodation (Put a  Mark):  Required  Not Required

Declaration by the Applicant

I agree to abide by the rules and regulations of the FDP programme and shall attend all the sessions.

Date: 29/06/2019

  
Signature of the Applicant

  
Recommender and Forwarded  
**Head of the Department**

Office Seal

Signature of the Head of the Department/ Institution  
**Head of the Department**

Department of Computer Sciences & Engineering  
Vignan Institute of Technology & Science  
Vignan Hills, Deshmukhi (M), Pochampally (M),  
Nalgonda Dist.-508 284 T.S.

One Week  
Faculty Development Program  
on

### BLOCK CHAIN MANAGEMENT



1<sup>st</sup> to 6<sup>th</sup> July, 2019



  
Sujitha S

### PRINCIPAL

Vignan Institute of Technology and Science  
Deshmukhi, Bhongir Yatadri Dist-508 284

Computer Science & Engineering



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INSTITUTE OF TECHNOLOGY & SCIENCE

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Pochampally (M), Yatadri Bhuvangiri (D), TS - 508284



# VIGNAN INSTITUTE OF TECHNOLOGY & SCIENCE

Vignan Hills, Deshmukhi (V), Pochampally (M), Yadadri Bhuvanagiri (D), TS – 508 284

Department of Computer Science & Engineering

## FACULTY DEVELOPMENT PROGRAMME

on Block Chain Management

S.No	Name of the Faculty	Signature						Remarks		
		01-07-2019 FN	02-07-2019 AN	03-07-2019 FN	04-07-2019 AN	05-07-2019 FN	06-07-2019 AN	01-07-2019 FN	02-07-2019 AN	03-07-2019 FN
1	Prof. G. Raja Vikram									
2.	Dr. C. Srinivasa Kumar									
3.	Dr. N. Murali Krishna									
4	Mr. B.V. Chowdary									
5	Dr. Kaushik									
6	Dr. P. Chandana									
7	Dr. P. Kiran Kumar									
8	Mr. G. Yedukondalu									
9	Mr. N. Sri Anjaneya									
10	Mr. B. Ravi Krishna									
11	Mr. R. Praveen Kumar									
12	Mrs. P. Lavanya Kumari									
13	Mr. S. Kranthi Reddy									
14	Mrs. T. Yashasree									
15	Mrs. S. Akshara									
16	Ms. G. Sirisha									
17	Mr. B. Srinu									
18	Mr. K. Praveen Kumar									
19	Mrs. Y. Swapna									
20	Mr. E. Krishna									
21	Mr. K. Ramesh Kumar									
22	Mr. A. Vijay Gopal									
23	Mrs. Jayabharathi									



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AND

RESEARCH

INSTITUTE

TECHNOLOGY

AND

SCIENCE

YADADRI BHUVANAGIRI DISTT. 508 284

		01-07-2019	02-07-2019	03-07-2019	04-07-2019	05-07-2019	06-07-2019	05-07-2019	06-07-2019
24.	Ms. P. Deepika	Q	Q	Q	Q	Q	Q	Q	Q
25	Mrs. B. Sharmila	Q	Q	Q	Q	Q	Q	Q	Q
26	Ms. A. Sovmya	Q	Q	Q	Q	Q	Q	Q	Q
27	Mr. I.C. Ravinder	Q	Q	Q	Q	Q	Q	Q	Q
28	Mr. P. Eswaraiah	Q	Q	Q	Q	Q	Q	Q	Q
29	Mr. N. Nagarjuna	Q	Q	Q	Q	Q	Q	Q	Q
30	Mr. R. Mahesh	Q	Q	Q	Q	Q	Q	Q	Q
31	Mrs. S. Sirisha	Q	Q	Q	Q	Q	Q	Q	Q
32	Ms. S. Nalini Durga	Q	Q	Q	Q	Q	Q	Q	Q
33	Mrs. A. Hima Bindu	Q	Q	Q	Q	Q	Q	Q	Q
34	Mr. K. Ramalingachary	Q	Q	Q	Q	Q	Q	Q	Q
35	Mr. P. Kiran Kumar	Q	Q	Q	Q	Q	Q	Q	Q
36	Mrs. N. Deepika	Q	Q	Q	Q	Q	Q	Q	Q
37	Mr. G. Madhavee Latha	Q	Q	Q	Q	Q	Q	Q	Q
38	P. Shishir	Q	Q	Q	Q	Q	Q	Q	Q
39	M. Mohan Rao	Q	Q	Q	Q	Q	Q	Q	Q
40	K. Shivalaksha	Q	Q	Q	Q	Q	Q	Q	Q
41	V. Madhavi	Q	Q	Q	Q	Q	Q	Q	Q
42	K. Padmavathi	Q	Q	Q	Q	Q	Q	Q	Q
43	B. Maymala	Q	Q	Q	Q	Q	Q	Q	Q
44	Ch. Vijayachyoti	Q	Q	Q	Q	Q	Q	Q	Q
45	G. Chivakrishna	Q	Q	Q	Q	Q	Q	Q	Q
46	En. Vijay Kumar	Q	Q	Q	Q	Q	Q	Q	Q
47	C. Raghavendra	Q	Q	Q	Q	Q	Q	Q	Q
48	Butthapati Sampath Babu	Q	Q	Q	Q	Q	Q	Q	Q
49	Dr. K. Shyam Sunder Reddy	Q	Q	Q	Q	Q	Q	Q	Q
50	Dr. Dilip Kumar Reddy	Q	Q	Q	Q	Q	Q	Q	Q
51	Dr. P.J. Satish Kumar Reddy	Q	Q	Q	Q	Q	Q	Q	Q
52									
53									
54									
55									



Principality of Technology and Science  
Yadagiri Inst-506 284

# VIGNAN INSTITUTE OF TECHNOLOGY & SCIENCE

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0001:2015

**FIST** Foreign University  
One of the 5 Technical Institutions  
in Telangana which got fund

**NBA** NAAC Mous  
SSR Submitted

**BRAIN O VISION**

— Brain O Vision Solutions Pvt. Ltd... —

## Certificate of Participation

**FIST** Foreign University  
One of the 5 Technical Institutions  
in Telangana which got fund



This is to certify that Dr./Mr./Ms.

*Raja Vijkram*

of **VITS**

has participated in one week Faculty Development Program on Block Chain Management conducted by Dept. of Computer Science & Engineering, VITS from 1<sup>st</sup> to 6<sup>th</sup> July, 2019 in association with Brain-O-Vision.

Dept. of Computer Science & Engineering, VITS from 1<sup>st</sup> to 6<sup>th</sup> July, 2019 in association with Brain-O-Vision.



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**PRINCIPAL**

VIGNAN INSTITUTE OF TECHNOLOGY & SCIENCE, Deshmukhi, Bhongir Yeddiur Dist-508 284

**HOD - CSE**

**Principal**

*S. Rukumay*

*D. S. Rukumay*

**Brain-O-Vision**

# VIGNAN INSTITUTE OF TECHNOLOGY & SCIENCE

Vignan Hills, Near Ramoji Film City, Deshmukhi (V), Pochampally (M), Yadadri Bhuvanagiri (D), Telangana – 508 284



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9001:2015

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University  
MOUs  
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in Telangana which got fund

NBA  
Accredited by  
NAAC  
Accredited by  
CISCO



BRAIN O  
VISION

Brain O Vision Solutions Pvt. Ltd...

"Accredited by  
NBA"

Symbolising  
42 years of  
honest  
growth



## Certificate of Participation



This is to certify that Dr./Mr./Ms. Gy. Raja Vikram of VITS

as participated in one week Faculty Development Program on Block Chain Management conducted by  
Dept. of Computer Science & Engineering, VITS from 1<sup>st</sup> to 6<sup>th</sup> July, 2019 in association with Brain-O-Vision.



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

PRINCIPAL

VIGNAN INSTITUTE OF TECHNOLOGY & SCIENCE  
Bhongir, Bhongir Yadadri Dist-508 284

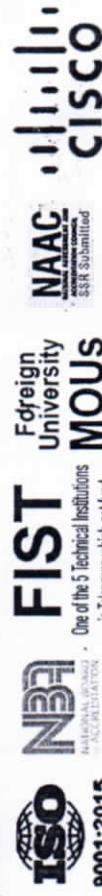
Brain-O-Vision

Principal

HOD - CSE

# VIGNAN INSTITUTE OF TECHNOLOGY & SCIENCE

Vignan Hills, Near Ramoji Film City, Deshmukhi (V), Pochampally (M), Yadadri Bhuvanagiri (D), Telangana – 508 284



## Certificate of Participation

✓ Dr./Mr./Ms. P. Ashira of VGNT

is to certify that Dr./Mr./Ms. P. Ashira participated in one week Faculty Development Program on Block Chain Management conducted by

at of Computer Science & Engineering, VITS from 1<sup>st</sup> to 6<sup>th</sup> July, 2019 in association with Brain-O-Vision.



## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Principal  
Vignan Institute of Technology and Science  
Binnig Yachidi Dist-508 284

  
Principal



# VIGNAN INSTITUTE OF TECHNOLOGY & SCIENCE

Vignan Hills, Near Ramoji Film City, Deshmukhi (V), Pochampally (M), Yadadri Bhuvanagiri (D), Telangana - 508 284



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MOUs  
Foreign  
University  
MOUs  
One of the 5 Technical Institutions  
in Telangana which got fund

NAAC  
SSR Submitted  
"A++"



BRAIN O  
VISION



"Accredited by NBBM"

## Certificate of Participation

This is to certify that Dr./Mr./Ms. G. Madhav Zatha of VGNT

as participated in one week Faculty Development Program on Block Chain Management conducted by

Dept. of Computer Science & Engineering, VITS from 1<sup>st</sup> to 6<sup>th</sup> July, 2019 in association with Brain-O-Vision.

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

PRINCIPAL

Institute of Technology and Science  
Deshmukhi, Bhongir, Yadadri Dist-508 284.

Principal

HOD - CSE

# VIGNAN INSTITUTE OF TECHNOLOGY & SCIENCE

Vignan Hills, Near Ramoji Film City, Deshmukhi (V), Pochampally (M), Yadadri Bhuvanagiri (D), Telangana – 508 284



National Institute  
of  
Technical  
Institutions  
One of the 5 Technical Institutions  
in Telangana which got fund  
from Government of India

FIST  
MOU  
Foreign  
Universities  
One of the 5 Technical Institutions  
in Telangana which got fund  
from Government of India

NAAC  
SSR Submitted  
MOU



## Certificate of Participation

This is to certify that Dr./Mr./Ms. M. Deepika of Vignan University

as participated in one week Faculty Development Program on Block Chain Management conducted by

Dept. of Computer Science & Engineering, VITS from 1<sup>st</sup> to 6<sup>th</sup> July, 2019 in association with Brain-O-Vision.

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



Sukanya  
PRINCIPAL

Vignan Institute of Technology and Science  
Deshmukhi, Bhongir Yadadri Dist-508 284

Sukanya  
Principal

Brain-O-Vision  
Brain-O-Vision

HOB-CSE



## VIGNAN INSTITUTE OF TECHNOLOGY & SCIENCE

(Programmes Accredited by NBA and Certified by ISO 9001 : 2000)

(Sponsored by Lavu Educational Society)



### The Block Chain Management

Name of the Faculty: Dr. Murali Krishna

Date: 11/07/19

Name of the Workshop/FDP: The Block chain Management

College /Name: VITS

Please agree/disagree with the following statements

	Excellent	Good	Average	Poor	Remarks
The workshop facilities were comfortable and appropriate	✓				
Contents of the modules	✓				
Aspects of program to bridge the gap between theory and application		✓			
The length of the workshop was right		✓			
The workshop materials provided were appropriate and helpful	✓				
Time management	✓				
The instructor was knowledge in the subject area	✓				
The hands-on excises supported the lecturer and discussion		✓			
Overall quality of program	✓				

Murali

Signature of the Faculty



PRINCIPAL

Vignan Institute of Technology and Science

Deshmukhi, Bhongir Yadadri Dist-508 284



## VIGNAN INSTITUTE OF TECHNOLOGY & SCIENCE

(Programmes Accredited by NBA and Certified by ISO 9001 : 2000)

(Sponsored by Lavu Educational Society)



### The Block Chain Management

Name of the Faculty: Ramesh

Date: 1/07/19

Name of the Workshop/FDP: The Block Chain Management

College /Name: SNIST

Please agree/disagree with the following statements

	Excellent	Good	Average	Poor	Remarks
The workshop facilities were comfortable and appropriate	✓				
Contents of the modules		✓			
Aspects of program to bridge the gap between theory and application	✓				
The length of the workshop was right	✓				
The workshop materials provided were appropriate and helpful	✓				
Time management		✓			
The instructor was knowledge in the subject area	✓				
The hands-on excises supported the lecturer and discussion	✓				
Overall quality of program		✓			

Ramesh

Signature of the Faculty

PRINCIPAL



Vignan Institute of Technology and Science  
Deshmukhi, Bhadriraj, Dist-SGB 284



## VIGNAN INSTITUTE OF TECHNOLOGY & SCIENCE

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### The Block Chain Management

Name of the Faculty: Krantti

Date: 21/07/19

Name of the Workshop/FDP: The Block chain Management

College /Name: VITS

Please agree/disagree with the following statements

	Excellent	Good	Average	Poor	Remarks
The workshop facilities were comfortable and appropriate	✓				
Contents of the modules	✓				
Aspects of program to bridge the gap between theory and application	✓				
The length of the workshop was right	✓				
The workshop materials provided were appropriate and helpful		✓			
Time management	✓				
The instructor was knowledge in the subject area	✓				
The hands-on excises supported the lecturer and discussion		✓			
Overall quality of program	✓				

Krantti

Signature of the Faculty



S. Sutumal

PRINCIPAL

Vignan Institute of Technology and Science  
Deshmukhi, Bhongir Yadadri Dist-508 284



## VIGNAN INSTITUTE OF TECHNOLOGY & SCIENCE

(Programmes Accredited by NBA and Certified by ISO 9001 : 2000)

(Sponsored by Lavu Educational Society)



### The Block Chain Management

Name of the Faculty: Jayabharathi

Date: 3/07/19

Name of the Workshop/FDP: The Block chain Management

College /Name: VNR

Please agree/disagree with the following statements

	Excellent	Good	Average	Poor	Remarks
The workshop facilities were comfortable and appropriate	✓				
Contents of the modules	✓				
Aspects of program to bridge the gap between theory and application		✓			
The length of the workshop was right		✓			
The workshop materials provided were appropriate and helpful	✓				
Time management	✓				
The instructor was knowledge in the subject area	✓				
The hands-on excises supported the lecturer and discussion		✓			
Overall quality of program	✓				

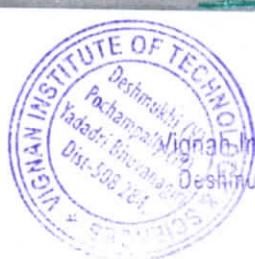
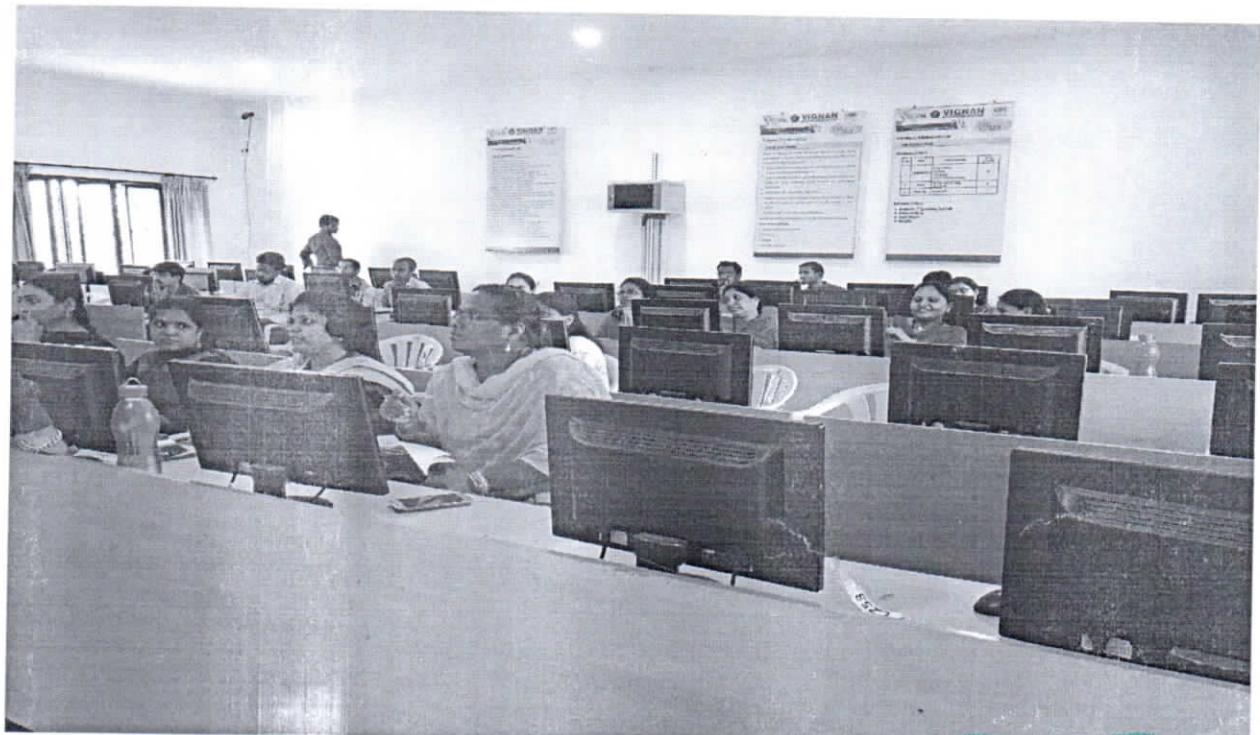
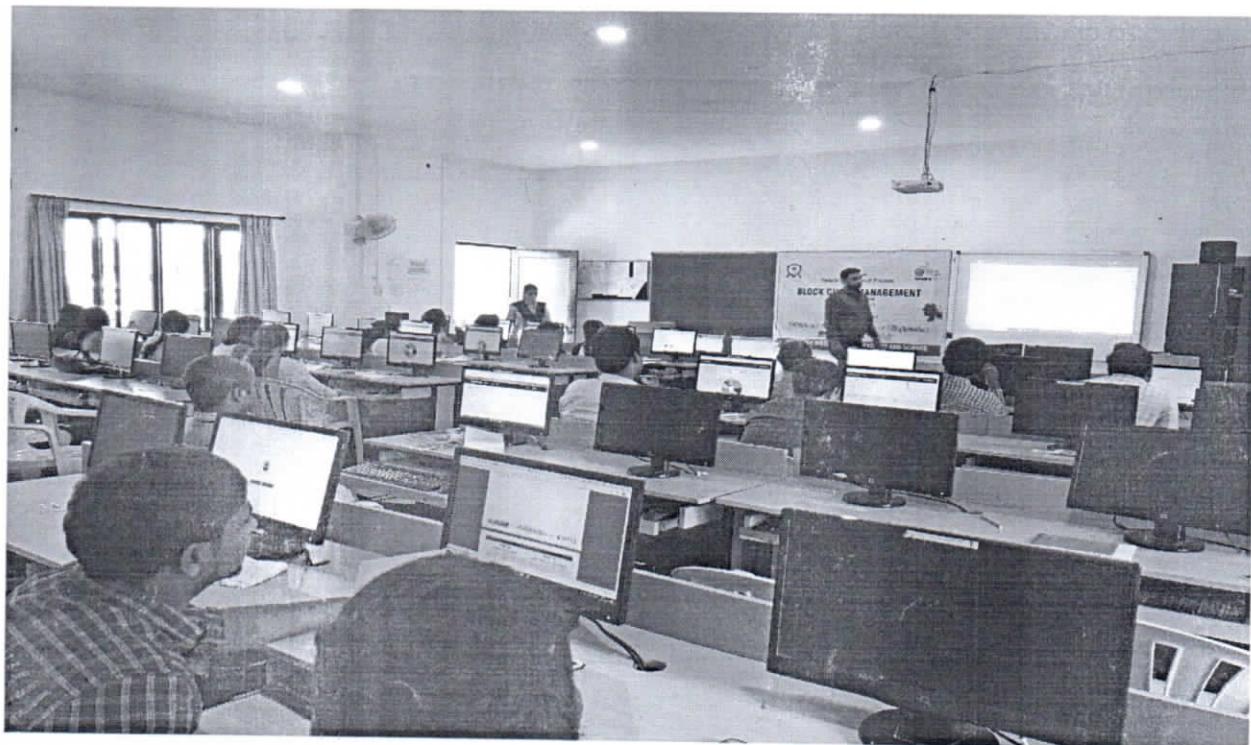
Jay

Signature of the Faculty



PRINCIPAL

Vignan Institute of Technology and Science  
Deshmukhi, Bhongir Yadadri Dist-508 284



*Sobutam*  
PRINCIPAL

Vignan Institute of Technology and Science  
Deshmukhi, Bhongir, Yadaon Dist-508 284

**VIGNAN INSTITUTE OF TECHNOLOGY & SCIENCE**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**FDP ON BLOCKCHAIN MANAGEMENT**  
**(1<sup>st</sup> July to 6<sup>th</sup> July 2019)**

**SUMMARY REPORT**

Department of Computer Science & Engineering organized one week Faculty Development programme on “Blockchain Technology” during 1<sup>st</sup> July 2019 to 6<sup>th</sup> July 2019. For this programme, Mr.Ganesh Nagu and Mr.Intisar Mehdi from Brain o Vision have attended as Resource persons (Tutors) to deliver this technology. On day1 they have given lecture on Blockchain introduction, private and public Blockchain and Future of Blockchain, on day2 and day3 they have given lecture on tokens and smart contracts, on day4 given lecture on Cryptocurrency, Ripple ethereum and hyperledger pros & cons, on day5 given lecture and practical session on applications of Blockchain with examples. On 6<sup>th</sup> day internal resource persons, Dr.P.Chandana, Dr.Kaushik and Dr.Kiran kumar delivered lecture on real time applications and case studies on Blockchain Technology, and also in this one week programme they covered the following topics

- Cryptocurrency
- Blockchain Environment
- Blockchain Genomics
- Bitcoin Mooc's

**Coordinators**

Mrs.P.Lavanya Kumari

Mr.Ramesh Kumar K

**Head of the Department**



**PRINCIPAL**

Vignan Institute of Technology and Science  
Deshmukhi, Bhongir Yadadri Dist-508 284

## One Day Workshop

2019-20  
CCF

case of a double payment (or more than once) please send a mail to [dbpaccounts@cse.iitb.ac.in](mailto:dbpaccounts@cse.iitb.ac.in) requesting for a refund. The participant will also have to process the refund if the vendor creation in order to get a refund. IIT Bombay will not be able to meet IIT Bombay's requirement, is not completed by the participant.

Link:- <https://portal.iitb.ac.in/vp/index.jsp>

### 6. Who should attend?

The participant should be a teacher or a research scholar from Electronics or allied engineering fields and should have basic electronics knowledge, required to work with Arduino, breadboard and electronic components.

### 7. Criteria for issuing Certificates

E-certificate will be provided to the participants after successful completion of the workshop.

### 8. Duration and Venue

The workshop will be conducted at Remote Centres of IIT Bombay on Saturday, 8 February 2020, from 9.30 AM to 6.00 PM. This workshop will be conducted through a blended mode, using both live video conferencing facility (A-VIEW) and hands-on sessions using Spoken Tutorials. A detailed workshop schedule will be available soon.

### 9. How to apply?

Enrollment will be strictly online, and no other mode of application will be entertained. The last date of registration is Friday, 13 December 2019. The URL for registration is:

<http://www.it.iitb.ac.in/nmeict/announcements.html>

Please register early, as we require two months for manufacturing and shipping the kit to Remote Centres. We may also not extend the registration date beyond 13 Dec. 2019.

To make the course effective it is important that all participants register in the ST forum:

1. Click on the Register link in this URL - <https://spoken-tutorial.org/>
2. Fill up the registration form and submit.

3. You will get an email.
4. Activate your account by clicking the link in the email.

5. Note down your Username and Password.

## Arduino, a Course in the IoT Series

8 February 2020

Conducted by  
**IIT Bombay**



Course Coordinator

Professor Kannan Moudgalya

Department of Chemical Engineering

Indian Institute of Technology Bombay  
Mumbai – 400076

Tel.:+91-22-25764989 Fax:+91-22-25720022

Email: [outreach@iit.iitb.ac.in](mailto:outreach@iit.iitb.ac.in)



PRINCIPAL

Deshmukh, Birajir Yadavji Dist-508 284  
Indian Institute of Technology and Science

Under 'Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching'  
(PMMMNMTT), funded by the  
Ministry of Human Resource Development,  
Government of India

## 1. Introduction

IIT Bombay has conducted many large-scale teacher training workshops under the Train 10,000 Teachers (T10KT) programme, sponsored by the National Mission on Education through ICT (NMEICT), MHRD, Govt. of India, and trained over 2,00,000 teachers. About 550 Remote Centres (RC) have been established as a part of this programme.

Another award winning technology developed at IIT Bombay is Spoken Tutorial, using which more than 50 lakh students have been trained on various ICT topics. The effectiveness of this method can be seen from this TEDx talk and the testimonials available here:

<https://spoken-tutorial.org/testimonials/media/?foss=70>.

The Spoken Tutorial project is also implemented successfully at IIT Bombay, with funding from NMEICT, MHRD.

The Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMNMMTT), also an initiative of MHRD, combines T10KT and Spoken Tutorials to provide large scale blended training. Next on this series is a hands on Arduino workshop, to be conducted on Saturday, 08 February 2020, at IIT Bombay. Participants of this workshop will be able to work with this hardware by listening to appropriate Spoken Tutorials.

We will get the required hardware custom made and have them couriered to IIT Bombay for the Coordinators' Workshop and to all the RCs for the Main Workshop. This will help keep the costs low, without affecting the learning outcome. All participants can take home this hardware after the workshop.

As the Spoken Tutorial method offers hands on practice, with 100% active learning, those who undergo this training will be able to continue to work with the hardware even after the workshop. They will also be able to conduct Arduino workshops for their students, using Spoken Tutorials, on their own, without requiring any help from anyone else.

## 2. Methodology of the Workshop

It will be a one day workshop on Saturday, 08 February 2020. All participants have to go to their chosen Remote Centre (RC). There will be a live video interaction through A-VIEW at the beginning. After that, all participants who join this course from a Remote Centre, will learn to do various experiments using the Arduino kit, at that RC. We will have two more interactions during the day. There will be about 5 hours available for Arduino training and 2 hours for interactions. Participants at each Remote Centre will be helped by a Course Coordinator who would have attended the Coordinators' workshop at IIT Bombay on 18 January 2020.

## 3. Course content

Arduino is an open source 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.

### Learning Arduino from Spoken Tutorials

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

- English
- 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 Digital Converter

Participants are encouraged to go through these tutorials before they come to the workshop.

## 4. Teaching faculty

This workshop will be conducted using the Spoken Tutorial methodology. Participants will learn Arduino by listening to the Spoken Tutorials and practicing them on 'Arduino kit'.

**Prof. Kannan Moudgalaya**, Principal Investigator, PMMMNMTT, FOSSEE and Spoken Tutorial projects will coordinate this workshop.  
**Mr. Srikant Patnaik**, **Mr. Rajesh Kushalkar**, **Ms. Nancy Varkey** and **Ms. Nirmala Venkat**, of FOSSEE Spoken Tutorial projects at IIT Bombay, and Prof. G.V.V. Sharma of IIT Hyderabad will be the teaching faculty.

## 5. Course fee

The course fee for the workshop is Rs. 1,100/-, which has to be paid at the time of online registration. A kit comprising the following will be given to every participant, which they can take home after the workshop:

Arduino Uno compatible board, 10+ resistors, breadboard, tricolour LED, red LED, 7 segment displays (2), 16x2 LCD display, decoder IC, potentiometer, L293D H-Bridge IC, toy motor, push button switches (2), buzzer, DHT11 temperature humidity sensor, ESP8266 wifi module, and all required cables, jumper wires, and a plastic box.

Participants will also have to pay a maximum of Rs. 400 to the RC directly on the day of the workshop, from which, RC will provide lunch and coffee / tea / snacks.

Please note that the registration fee once paid is neither refundable nor adjustable under any circumstances.

### Important payment instructions:

In case of a course fee transaction failure, the participant will get an auto generated mail with instructions for further process. Please go through the mail carefully. If the amount is already debited to your account, please do not make another payment.



**PRINCIPAL**

# Click On " Manage Attendance and View Workshop Schedule "

Home   About T10KT   Announcements   Moodle   FAQ   Downloads   Workshops Cor

### Workshops Attended

S No	Workshop Name	Date	Schedule	Status
1	One Test coordinator FF 23 sept	Sep - 2015	<a href="#">Click Here</a>	Confirmed
2	coordinator TEST 15th Sept	Oct - 2014	<a href="#">Click Here</a>	Confirmed
3	Coordinator SSM 23th Sept.	Oct - 2014	<a href="#">Click Here</a>	Confirmed
4	Main -Coordinator SS dt. 18th Sept.	Sep - 2014	<a href="#">Click Here</a>	Completed

### Workshop Coordinator's Interface

Manage Attendance and View Workshop Schedule

S No	Workshop Name	Date	Schedule	Attendance
1	MAIN TEST WORKSHOP	October 15th, 2015	<a href="#">Click Here</a>	<a href="#">Details</a>
2	MAIN TEST WORKSHOP 1	October 13th, 2015	<a href="#">Click Here</a>	<a href="#">Details</a>
3	MAIN TEST WORKSHOP 2	August 1st, 2015	<a href="#">Click Here</a>	<a href="#">Details</a>

  
  
Sukumar  
Principal  
National Institute of Technology and Science  
Bhestimukhi, Bhongir, Warangal Dist-506 284

Welcome to National Mission through ICT Projects at IIT

Bombay

# View / Print schedule

Home	About T10KT	Announcements	Moodle	FAQ	Downloads	Workshops Cor
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## Workshops Attended

S No	Workshop Name	Date	Schedule	Status
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2	coordinator TEST 15th Sept	Oct - 2014	<a href="#">Click Here</a>	Confirmed
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3	MAIN TEST WORKSHOP 2	August 1st, 2015	<a href="#">Click Here</a>	<a href="#">Details</a>



Welcome to National Mission through ICT Projects at IIT  
Bombay

## To View / Print schedule

### MAIN TEST WORKSHOP

MHRD

November 1st, 2015 to December 30th, 2015

### Programme Schedule

[click here to download/print the programme schedule](#)

Date	Time Slot	Topic
	08:00 - 09:00	Test 1
	09:00 - 10:00	Tea
	10:00 - 11:00	Test 2
	11:00 - 12:00	Lunch
	12:00 - 13:00	Test 3
	13:00 - 14:00	Tea
October 16th, 2015		

*S. Subramanian*



PRINCIPAL  
National Institute of Technology and Science  
Gestimukhi, Bhongir, Yadadri Dist-506 284  
Date: 16/10/2015

# View Participant Attendance Details

Home    About T10KT    Announcements    Moodle    FAQ    Downloads    Workshops Cor

## Workshops Attended

S No	Workshop Name	Date	Schedule	Status
1	One Test coordinator FF 23 sept	Sep - 2015	<a href="#">Click Here</a>	Confirmed
2	coordinator TEST 15th Sept	Oct - 2014	<a href="#">Click Here</a>	Confirmed
3	Coordinator SSM 23th Sept.	Oct - 2014	<a href="#">Click Here</a>	Confirmed
4	Main -Coordinator SS dt. 18th Sept.	Sep - 2014	<a href="#">Click Here</a>	Completed

## Workshop Coordinator's Interface

### Manage Attendance and View Workshop Schedule

S No	Workshop Name	Date	Schedule	Attendance
1	MAIN TEST WORKSHOP	October 15th, 2015	<a href="#">Click Here</a>	<a href="#">Details</a>
2	MAIN TEST WORKSHOP 1	October 13th, 2015	<a href="#">Click Here</a>	<a href="#">Details</a>
3	MAIN TEST WORKSHOP 2	August 1st, 2015	<a href="#">Click Here</a>	<a href="#">Details</a>



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Vignan Institute of Technology and Science  
Deshmukhi, Bhongir Yadadri Bhuvanagiri Dist-508 284

Welcome to National Mission through ICT Projects at IIT  
Bombay

# Attendance Details Interface – Click on highlighted date

Welcome, Sanjay |

National Mission on Education Empowerment of Students and Teachers through Synchronous & Asynchronous Instruction  
National Institute of Open Schooling

Home About TIOST Announcements Moodle FAQ Downloads Workshops Conducted Contact Us

Attendance Details

MAIN TEST WORKSHOP  
MHRD

August 1st, 2015 to December 30th, 2015

Please click on a date

24 Sep 2015 25 Sep 2015 26 Sep 2015 27 Sep 2015

  
PRINCIPAL  
National Institute of Technology and Science  
Deemed to be University  
Sector 12, Sector 12A, Sector 12B  
Yamuna Vihar, Delhi-110030, India  


## Print / Download pdf of Attendance sheet for Signature

Screenshot of a web application showing attendance details for a workshop.

The page title is "Attendance Details".

Header navigation links: Home, About T10KT, Announcements, Moodle, FAQ, Downloads, Workshops Conducted, Contact Us.

Main content area:

### MAIN TEST WORKSHOP

MHRD

Date: August 1st, 2015 to December 30th, 2015

Attendance dates:

- Please click on a date
- 24 Sep 2015**
- 25 Sep 2015**
- 26 Sep 2015**
- 27 Sep 2015**

Attendance date: September 24th, 2015

Callout bubble: Click here to download pdf of attendance sheet

Right side panel:

- Upload the Scanned Attendance Sheet Here
- Upload
- Search
- Institute of Technology and Science
- Bhosalmukhi, Bhosalgir, Ratnagiri Dist-508 284.
- PRINCIPAL
- Logo: Institute of Technology and Science
- Enrollment ID: 153212, Name: Testthree Tes, Email: test2@tes2.com, Update button
- Show 25 entries

**By Default all the participants attendance is absent ( check boxes not checked ). Please mark the Attendance by Clicking on check box.**

Attendance Details

**MAIN TEST WORKSHOP**

MHRD

August 1st, 2015 to December 30th, 2015

Please click on a date

**24 Sep 2015**   **25 Sep 2015**   **26 Sep 2015**   **27 Sep 2015**

September 25th, 2015

[Click here to download pdf of attendance sheet](#)

[Upload the Scanned Attendance Sheet Here](#) [Upload](#)

Search:

Enrollment ID	Name	Email	Sessions			Update
			1	2	3	
153212	Testthree Tes	test3@test2.com	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">Update</a>
153215	Testsix Tes	test6@test2.com	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">Update</a>

having 1 to 2 of 2 entries

**COLLEGE OF TECHNOLOGY & SCIENCE**  
**PRINCIPAL**  
Deemed to be University  
Deshmukhi, Ehsangir Vachtadri Dist-500 284

Previous [1](#) Next

[Update All](#)

**Click on Check Box for fill the attendance**

Attendance Details

## MAIN TEST WORKSHOP

MHRD

August 1st, 2015 to December 30th, 2015

Please click on a date

**24 Sep 2015**   **25 Sep 2015**   **26 Sep 2015**   **27 Sep 2015**

September 25th, 2015

[Click here to download pdf of attendance sheet](#)

Now **25** entries

Enrollment ID	Participant Info	Sessions	Update
153212	Name: Testthree Tes Email: test3@test12.com	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4	<b>Update</b>
153215	Name: Testsix Tes Email: test6@test12.com	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4	<b>Update</b>

Showing 1 to 2 of 2 entries

Upload the Scanned Attendance Sheet Here **Upload**

Search:

*S. Srikumar S*  
PRINCIPAL  
ESTHOMUKHI INSTITUTE OF TECHNOLOGY AND SCIENCE  
ESTHOMUKHI, YADADRI DISTT. 508 284  
VIGYAN SEEDHA  
Dr. J. M. Jethwa (M)  
K. R. Chaitanya (M)  
Badrinath Dharan (M)  
Distt. 508 284  
ESTHOMUKHI, YADADRI DISTT. 508 284  
ESTHOMUKHI, YADADRI DISTT. 508 284

1 Previous      1 Next

**Update All**

**Click On Update / Update All button**

Attendance Details

## MAIN TEST WORKSHOP

MHRD

August 1st, 2015 to December 30th, 2015

Please click on a date

24 Sep 2015    25 Sep 2015 (Oval)    26 Sep 2015    27 Sep 2015

September 25th, 2015

Upload the Scanned Attendance Sheet Here

Search:

Enrollment ID	Name	Email	Sessions				Update
			1	2	3	4	
153212	Testtree Tes	test3@test2.com	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="Update"/>
153215	Testtree Tes	test6@test2.com	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="Update"/>

**Ticked Check box = Present**

**Empty Check box = Absent**

Showing 1 to 2 of 2 entries

PRINCIPAL  
Dahanukar Pachampally (M),  
Dahanukar Bhimavaram,  
Dist-503 284,  
Andhra Pradesh, India.  
Dahanukar, Bhimukhi, Yaddachu Dist-508 284  
Dahanukar Institute of Technology and Science

*Selukumar S*

## Participant Attendance updated successfully

The screenshot shows a web-based application interface for managing participant attendance. At the top, there is a header with the text "Attendance Details" and "Main SSM 23th Sept\_SARIKA". Below this, it displays "MHRD" and the date range "August 1st 2015 to December 31st 2015". A modal window in the center says "Updated Successfully" with an "OK" button. To the right, there is a table titled "Attendance" with columns for "Enrollment No.", "Name", "Status", and "Actions". The table contains two rows of data. At the bottom right of the table, there are buttons for "Update All" and "Update". On the far right of the page, there is a vertical sidebar with the text "Sukumar", "NCPAL", "Technology and Science", and "Yavatmal Dist-508 284".

Attendance			
Enrollment No.	Name	Status	Action
133211	Tanmaya Tatyasaheb Patil	<input checked="" type="checkbox"/> Present	<input type="checkbox"/> Update
133215	Shivam Raut	<input checked="" type="checkbox"/> Present	<input type="checkbox"/> Update

Link here to download pdf of attendance sheet

OK

Updated Successfully

24 Sep 2015

24 Sep 2015

OK

Upload

Send

Sukumar

NCPAL

Technology and Science

Yavatmal Dist-508 284

# After updating: the Update button changes to Green

Attendance Details

**MAIN TEST WORKSHOP**  
MHRD

August 1st, 2015 to December 30th, 2015

Please click on a date  
**24 Sep 2015**   **25 Sep 2015**   **26 Sep 2015**   **27 Sep 2015**

September 25th, 2015

[Click here to download pdf of attendance sheet](#)

[Upload the Scanned Attendance Sheet Here](#) **Upload**

Search:

Enrollment ID	Participant Info	Sessions	Update
153212	Name: Testthree Tes Email: test3@test2.com	<input checked="" type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input checked="" type="checkbox"/> 4	<b>Update</b>
153215	Name: Testsix Tes Email: test6@test2.com	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4	<b>Update</b>

Show 25 entries

**Signatures**

**PRINCIPAL**  
Vignan Institute of Technology and Science  
Destmukh, Bhongir Yadadri Dist:508 284

Previous 1 Next

Showing 1 to 2 of 2 entries

**Update All**

# Upload the Signed Attendance Sheet (in pdf format)

Home   About T10kT   Announcements   Moodle   FAQ   Downloads   Workshops Conducted   Contact Us

## Attendance Details

### MAIN TEST WORKSHOP

MHRD

August 1st, 2015 to December 30th, 2015

Please click on a date

24 Sep 2015   25 Sep 2015   26 Sep 2015   27 Sep 2015

September 24th, 2015

to download pdf of attendance sheet

Upload the Scanned Attendance Sheet Here!   **Upload**

entries

Participant Info	sessions	Update
Enrollment ID 153717	Name Textthree Tex	Email tex13@rediff.com
		Update

Search:

PRINCIPAL

SIGNANT INSTITUTE OF TECHNOLOGY  
Bengaluru, Karnataka, India  
Date: 10/09/2015  
Principal: *Selvaraju*

Bharathiar Institute of Technology and Science  
Bengaluru, Bengaluru, Karnataka, India  
Date: 10/09/2015  
Principal: *Selvaraju*

153717

Textthree Tex

tex13@rediff.com

Update

# Upload Attendance .pdf file only less than 2 MB

The scanned copy of attendance to be uploaded within 48 hours.

The screenshot shows a website for the National Mission on Education. At the top right, it says "Welcome, Sanjay | 🌟". Below the header, there's a logo for the National Mission on Education and the text "Empowerment of Students and Teachers through Synchronous & Asynchronous Instruction". The main navigation menu includes Home, About T10KT, Announcements, Moodle, FAQ, Downloads, Workshops Conducted, and Contact Us. On the left, there's a sidebar with news items and a "Upload Attendance" section. The "Upload Attendance" section has a "Choose File" input field with "Browse..." button, a note "upload .pdf file only (less than 2 MB)", a "Submit" button, and a "Reset" button. To the right of the main content area, there's a box containing enrollment information: "Enrollment Open for One Week", "ISTE STTP for Coordinators on Technical Communication", "Last date of Enrollment:- 17th August, 2015", and "Enrollment Open for One Week", "ISTE STTP for Coordinators on Engineering Physics", "Last date of Enrollment:- 31st August, 2015". At the bottom right, there's a circular stamp with handwritten text "S. Subramanyam" over "PRINCIPAL" and printed text "S. SUBRAMANYAM, Principal, Institute of Technology and Science, Bhadravathi, Mysore, Karnataka, India - 570 064".

National Mission on Education Empowerment of Students and Teachers through Synchronous & Asynchronous Instruction

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News

Enrollment Open for One Week  
ISTE STTP for Coordinators on Technical Communication  
Last date of Enrollment:- 17th August, 2015

Enrollment Open for One Week  
ISTE STTP for Coordinators on Engineering Physics  
Last date of Enrollment:- 31st August, 2015

S. Subramanyam  
PRINCIPAL  
S. SUBRAMANYAM, Principal, Institute of Technology and Science, Bhadravathi, Mysore, Karnataka, India - 570 064

**Attendance Sheet for Date : 2020-02-08**  
**One Day Main Workshop on Arduino on 8 February 2020**  
 February 8th, 2020 to February 8th, 2020  
 Under the National Mission on Education through ICT, MHRD, New Delhi  
**1126 - Vignan Institute of Technology and Science, Deshmukhi, Nalgonda**

S No	Participant ID	Name	Signature			
			Session 1	Session 2	Session 3	Session 4
1	219668	Natasha Saude	<i>Saude</i>	<i>Saude</i>	<i>Saude</i>	<i>Saude</i>
2	219861	Vikas Kumar Tiwari	<i>Tiwari</i>	<i>Tiwari</i>	<i>Tiwari</i>	<i>Tiwari</i>
3	219933	Papani Srinivas	<i>B</i>	<i>B</i>	<i>B</i>	<i>B</i>
4	219939	Prashanthi Pinninti	<i>Prashanthi</i>	<i>Prashanthi</i>	<i>Prashanthi</i>	<i>Prashanthi</i>



  
**PRINCIPAL**  
 Vignan Institute of Technology and Science  
 Deshmukhi, Bhongir Yadadri Dist-508 284

Kannan M. Moudgalya, Ph.D

Erach and Meheroo Mehta  
Advanced Education Technology  
Chair Professor

Department of Chemical Engineering  
Indian Institute of Technology Bombay  
Powai, Mumbai-400076, India.



Phone : (+91-22) 2576 7213

Fax : (+91-22) 2572 3480



कण्णन मणि पीडब्ल्या

इंद्र तथा देव के साथ  
प्रगति और सोलारिकी  
विजयान आधारक  
राष्ट्रीय अभियानीकी विभाग  
भारतीय शैक्षणिक संस्थान दुर्गा  
पट्टी, दूर्गा 400 076, मुमताज

Email : kannan@iitb.ac.in

Website : www.iitb.ac.in

04 December 2019

Dear Sir/Madam,

Greetings from IIT Bombay!

We are glad to announce a one day workshop on **Arduino**, a free/libre and open source hardware. Arduino consists of both a physical programmable circuit board and a software IDE (Integrated Development Environment) that runs on the computer.

This workshop will be conducted for Teachers under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), funded by the Ministry of Human Resource Development, Government of India.

Details of this programme are given below:

**Workshop Name:** One Day workshop on Arduino for Teachers

**Who should attend?** The participant should be a teacher or a research scholar from Electronics or allied engineering fields and should have basic electronics knowledge, required to work with Arduino, breadboard and electronic components.

**Date:** Saturday, 08 February 2020

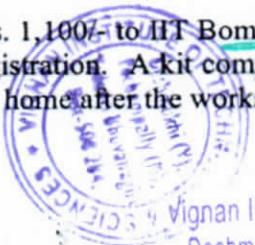
**Venue:** 142 participating remote centres. A list of which will be available through this link:

<http://www.it.iitb.ac.in/nmeict/coordinatorList.html?workshopid=wAF5jyxA48ecERjoWkMBG&callFrom=1>

**How the workshop will be conducted:**

This one day workshop on Arduino will be the second workshop in the IoT series. There will be interactions through A-VIEW at the beginning. After that, all participants at respective remote centres will learn to program a microcontroller, using Arduino Uno. Components like Arduino Uno, breadboard, sensors and other electronic components required for this workshop will be sent to every participating Remote Centres. There will be a total of three interaction sessions using A-VIEW. There will be about 5 hours available for practising Arduino and 2 hours for interactions, a detailed schedule of which will be sent to you later.

The participants of the main workshop have to pay Rs. 1,100/- to IIT Bombay to cover the cost of the above mentioned Arduino kit at the time of registration. A kit comprising the following will be given to every participant, which they can take home after the workshop:



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Vignan Institute of Technology and Science  
Deshmukhi, Bhongir Yadadri Dist-508 224

Arduino Uno compatible board, 10+ resistors, breadboard, tricolour LED, red LED, 7 segment displays (2), 16x2 LCD display, decoder IC, potentiometer, L293D H-Bridge IC, toy motor, push button switches (2), buzzer, DHT11 temperature humidity sensor, ESP8266 wifi module, and all required cables, jumper wires, and a plastic box.

Participants will also have to pay a maximum of Rs. 400 to the RC directly on the day of the workshop, from which, RC will provide lunch and coffee / tea / snacks.

**Procedure to participate in the workshop:**

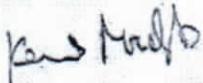
To participate in this workshop, please login to the website (<https://www.it.iitb.ac.in/nmeict/>). The registration portal for the workshop will open from **04 December to 13 December 2019**. Please register early, as we require two months for manufacturing and shipping the kit to Remote Centres. We may also not extend the registration date beyond 13 Dec. 2019.

Please [click here](#) to register for the Arduino workshop.

I request you to kindly send this email to the faculty/teachers of your nearby colleges/schools and educational institutions.

We look forward to your enthusiastic participation in this initiative.

Regards,



Prof. Kannan Moudgalaya  
PI, Pandit Madan Mohan Malaviya National  
Mission on Teachers and Teaching (PMMNMNTT)



Under the aegis of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching

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## Feedback Form for Arduino Main Workshop - 08 Feb 2020

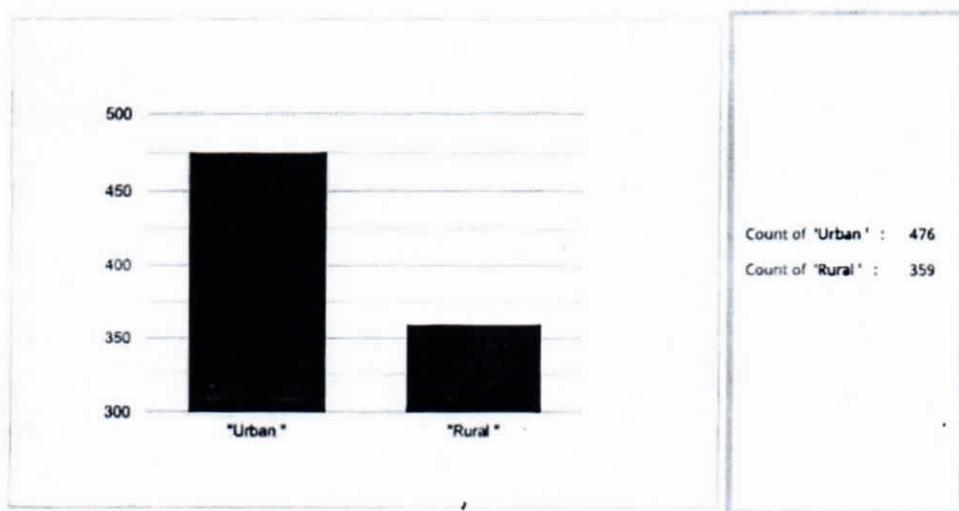
Dear Participant,

We thank you for your valuable feedback about the Workshop and the Self-Learning experience as it will help us enhance the quality of our work. Kindly click on the best option that describes your views. You can also provide your comments in the spaces provided in the form. Your response will be kept confidential.

Thank you for your time!

Total number of responses : 835

1. Location of YOUR Institute (Please choose one):



2. Name any other microcontroller(s) that you are familiar with

none

8051

8051

8051

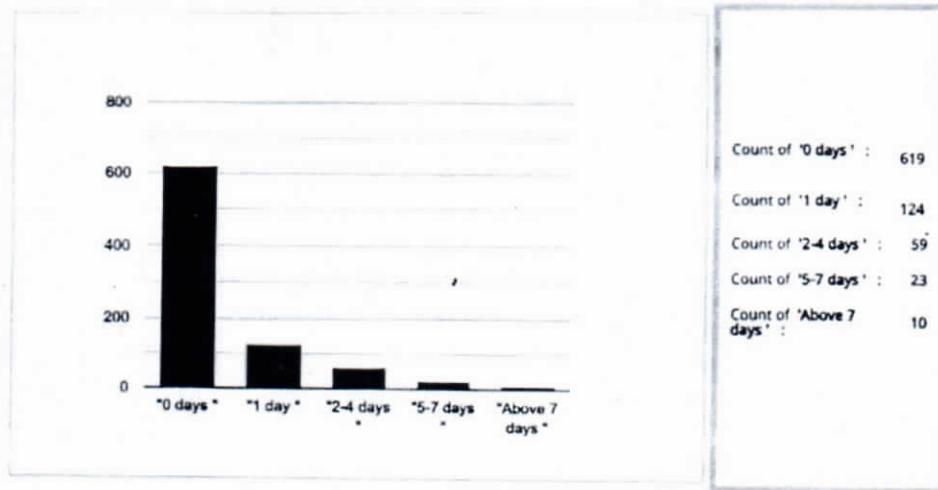


*S. Sutaria*

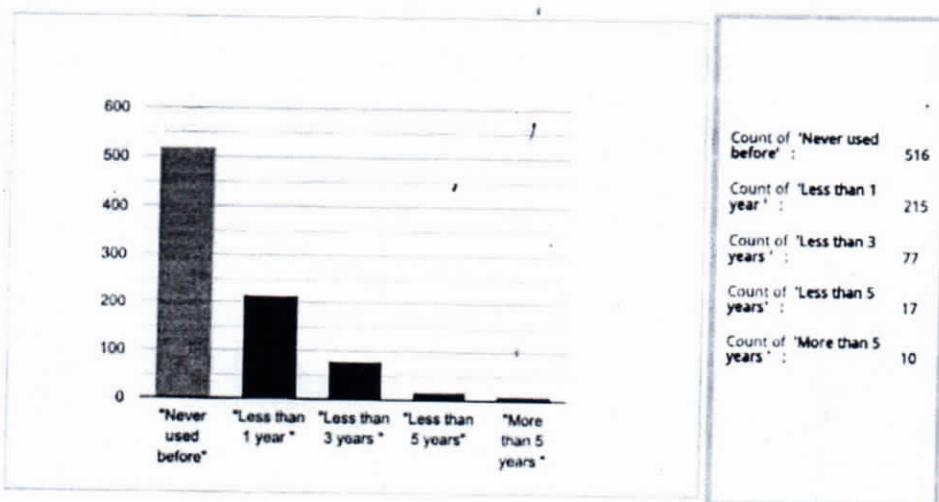
PRINCIPAL

Vignan Institute of Technology and Science  
Deshmukhi, Bhongir Yadadri Dist-508 284

3. This question refers to any Arduino workshop/training you may have attended BEFORE this workshop. Please enter the total number of days of the workshop/training you have undergone before. If you have not gone through any Arduino workshop/training before, please choose 0 days.



4. Have you used Arduino before? If YES, how long have you been using it? (If NO, then please select the option Never used before.)

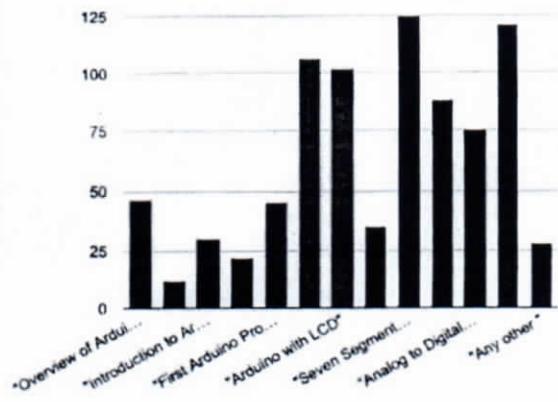


#### Tutorials completed during the workshop

5A. Tutorials practised/watched during the workshop:-

  
Sobitamal  
PRINCIPAL  
Vitanan Institute of Technology and Science  
Deshmukhi, Bhongir Yadadri Dist-508 284

Count of 'Overview of Arduino'	46
Count of 'Electronic components and connections'	12
Count of 'Introduction'	



Count of 'Arduino' :	30
Count of 'Arduino components and IDE' :	22
Count of 'First Arduino Program' :	45
Count of 'Arduino with Tricolor LED and Push button' :	106
Count of 'Arduino with LCD' :	102
Count of 'Display counter using Arduino' :	35
Count of 'Seven Segment Display' :	125
Count of 'Pulse Width Modulation' :	88
Count of 'Analog to Digital Conversion' :	75
Count of 'Wireless Connectivity to Arduino' :	121
Count of 'Any other' :	28

5B. If you have answered to the above question "Any other" then please specify.

LCD Display & push button

BREAD BOARD AND DEVICE CONNECTION SHOULD BE MORE UNDERSTANDING

Good

serial communication and LED blinking

6. Rate your experience in performing the following assignments during the workshop.(Kindly respond using the scale given below, wherein 1 implies "extremely easy" and 5 implies "extremely difficult".)



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400

Understan...  
Setting up  
delay in L...

800

600

400

200

0

"Yes"

"No"

"Not sure"

Count of 'Yes' : 778  
Count of 'No' : 10  
Count of 'Not sure' : 47

7B. If your answer to the above question is NO, briefly explain the difficulties you experienced

yes

NA

NA

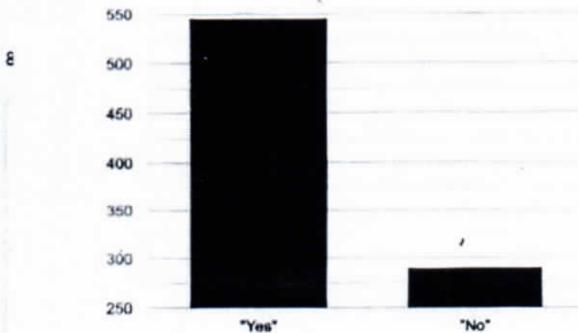
8A. Would you like us to include more spoken tutorials for Arduino?

Count of 'Yes' : 545  
Count of 'No' : 290

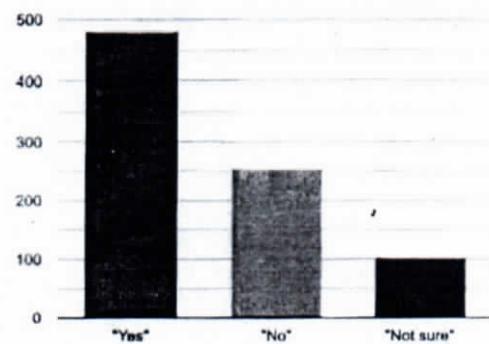


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9A. Do you use any other microcontroller in your college lab?



Count of 'Yes' : 479  
 Count of 'No' : 254  
 Count of 'Not sure' : 102

9B. If the answer to the above question is YES, which microcontroller do you use?

8051

8051

8051

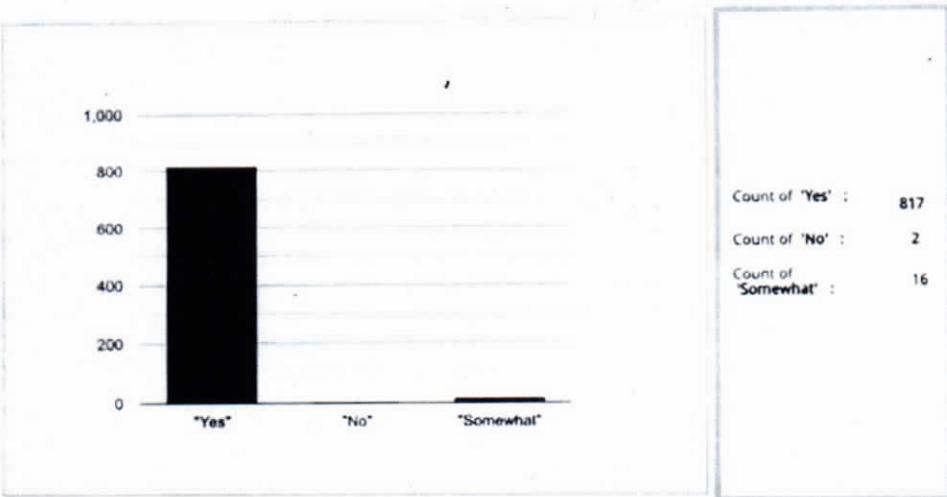
Nodemcu, Raspberry Pi 3B+

Feedback for the hardware provided during the workshop

10A. Was the Arduino Kit provided useful to carry out the activities during the workshop?



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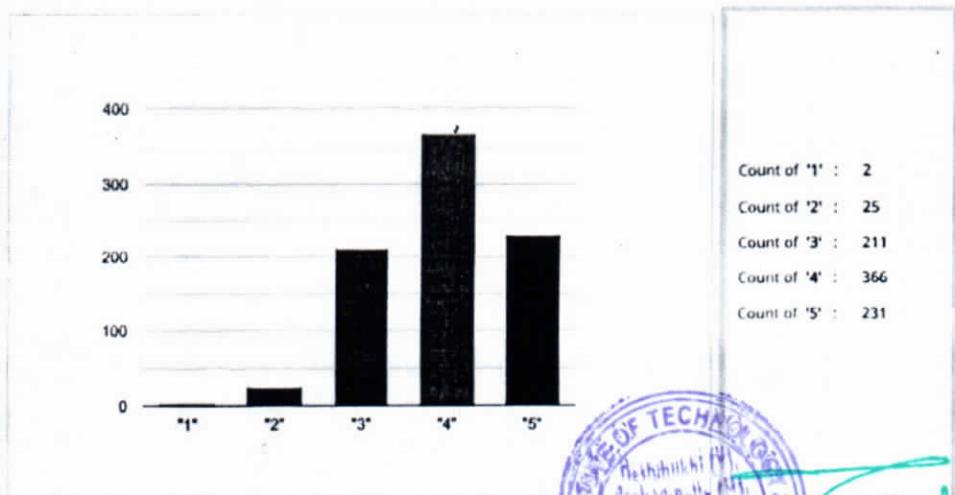
10B. If the answer to the above question is NO/SOMEWHAT, then please specify.

NA  
\_\_\_\_\_

NA  
\_\_\_\_\_

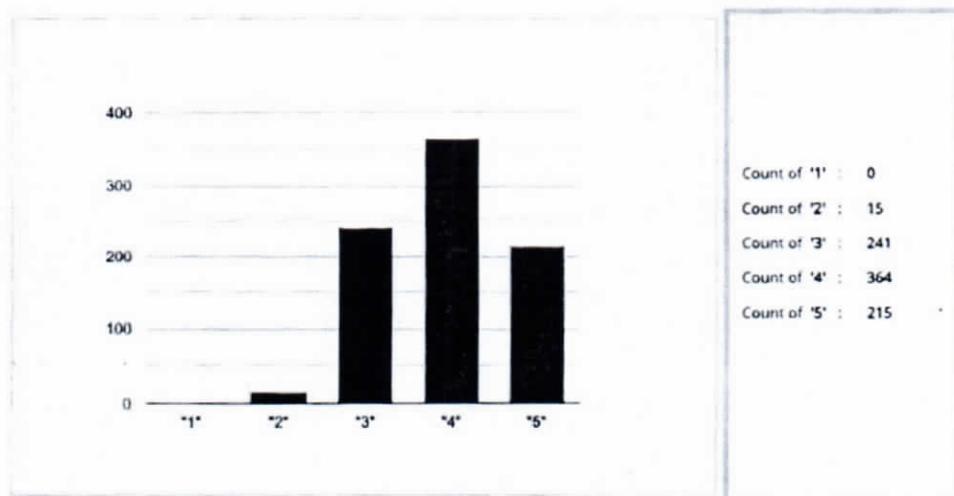
None  
\_\_\_\_\_

11. Rate the degree of simplicity with which you were able to perform the hands-on experiments. (Kindly respond using the scale given below, wherein 1 implies Very Hard and 5 implies Very Easy.)

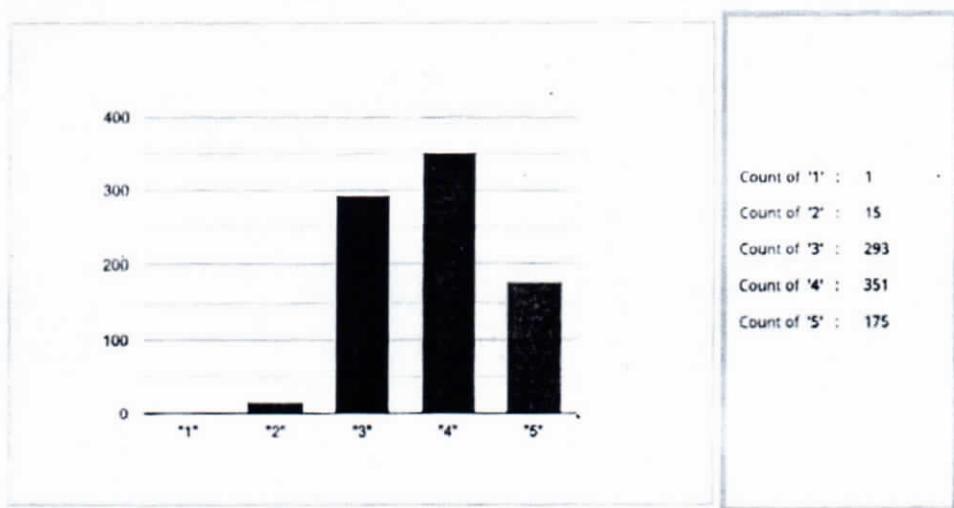


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12. Rate your confidence level in using the Arduino IDE during the workshop. (Kindly respond using the scale given below, wherein 1 implies Least confident and 5 implies Extremely confident.)



13. Rate your confidence level in using Arduino and various sensors used during the hands-on Workshop. (Kindly respond using the scale given below, wherein 1 implies Least confident and 5 implies Extremely confident.)



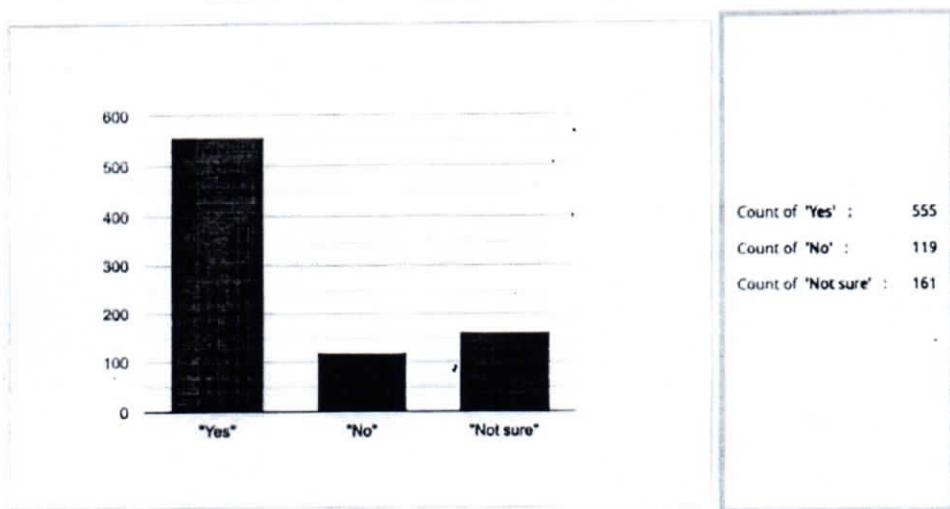
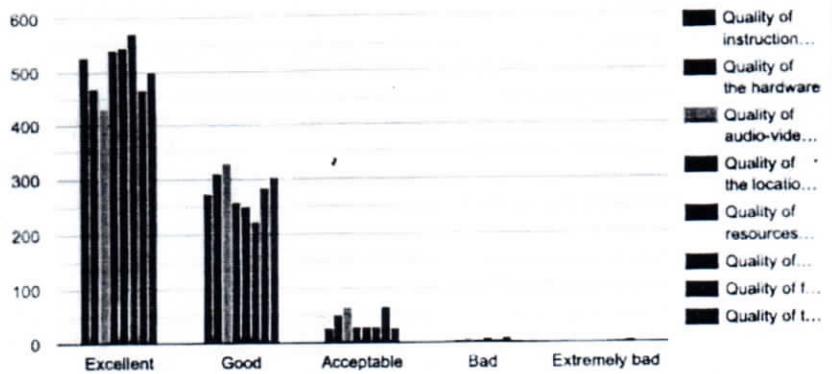
#### Feedback on the Workshop

14. Rate the following aspects of the workshop



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15B. If your answer to the above question is YES, please suggest a topic:

ns2

Robotics and Automation

Node MCU

more topics on raspberry PI

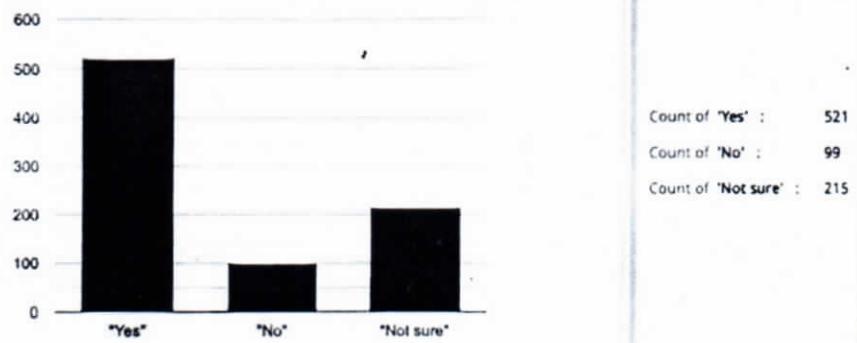
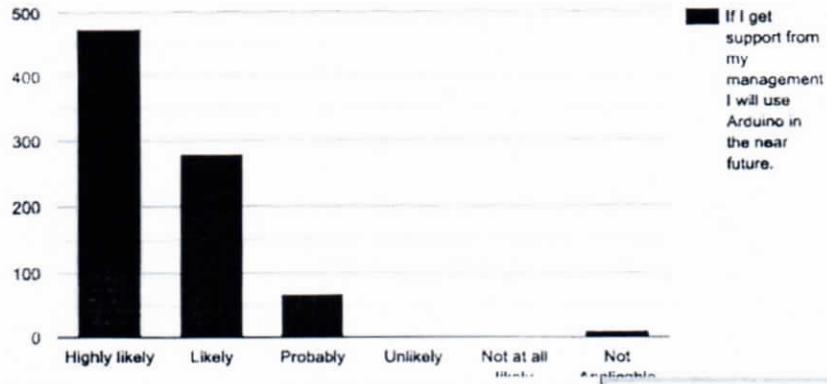
16. Select the option that describes your response:



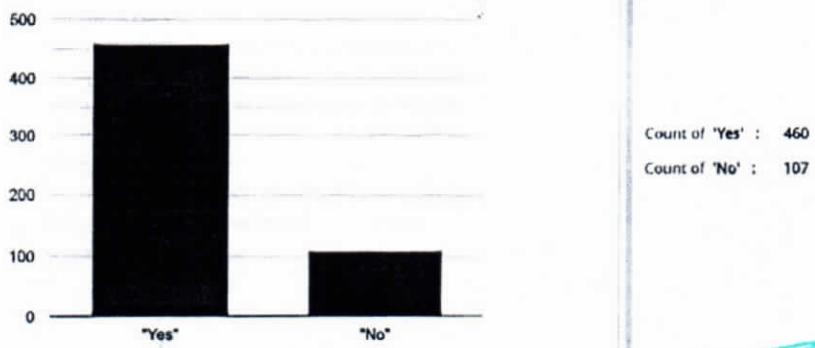
*Sobutma*

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17B. If your answered to above question is YES, can we contact you over the email and ask you to upload the details:



  
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### Comments/Suggestions

18. What did you like about the workshop?

Organization

good

Starting from basic to advance

kit provided is more useful

19. Any suggestions to improve this training method:

Overall organization is good

no

No

Good

20. Please share your experience of using Spoken Tutorial Forums:

Good and easily understandable

good

nice Discussion on Spoken tutorial forums

Very nice

21. Any other feedback or help needed:

No

no

Excellent

Not at all



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