

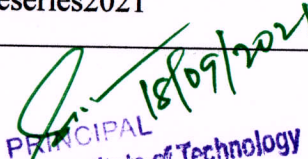


Dr.T.THIMMAIAH INSTITUTE OF TECHNOLOGY
Oorgaum, Kolar Gold Fields, Karnataka – 563120
(Affiliated to VTU, Belgaum, Approved by AICTE - New Delhi)

Webinar Series on NBA Accreditation Criteria

12.07.2021 to 17.09.2021

Event Title	:	Webinar Series on NBA Accreditation Criteria
Speaker(s) of the Event	:	<p>Criteria 1: Prof. Raja S Associate Professor, Department of Mining Engineering</p> <p>Criteria 2: Prof. Vijay Bharathi M Associate Professor, Department of Electronics and Communication Engineering</p> <p>Criteria 3: Dr. Manas Mukhopadhyay HOD and Professor, Department of Mining Engineering</p> <p>Criteria 4: Prof. Mohan Kumar Associate Professor, Department of Mechanical Engineering</p> <p>Criteria 5: Dr. Manjunatha Babu N S Associate Professor, Department of Mechanical Engineering</p> <p>Criteria 6: Prof. Dhanalakshmi V Assistant Professor, Department of Electrical and Electronics Engineering</p> <p>Criteria 7: Prof. Thara devi M Assistant Professor, Department of Computer Science and Engineering</p> <p>Criteria 8: Dr. Manjunath C Associate Professor, Department of Mathematics</p> <p>Criteria 9: Prof. Manjunath Singh Assistant Professor, Department of Civil Engineering</p> <p>Criteria 10: Prof. Jenitha A Associate Professor, Department of Electronics and Communication Engineering</p>
Microsoft Teams Link:		tiny.cc/drttitlectureseries2021


18/09/2021
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Dr. T. Thimmaiah Institute of Technology Lecture Series 2021

Webinar Series on NBA Accreditation Criteria

Criertia 1 | 12th JULY



Prof. Raja S
Associate Professor
Mining Engineering

Criertia 2 | 2nd September



Prof. Vijaya Bharathi M
Associate Professor
Electronics & Commn. Engg.

Criertia 3 | 18th AUGUST



Dr. Manas Mukhopadhyay
Professor
Mining Engineering

Criertia 4 | 19th AUGUST



Prof. Mohan Kumar
Associate Professor
Mechanical Engineering

Criertia 5 | 1st September



Dr. Manjunatha Babu N S
Associate Professor
Mechanical Engineering

03.00PM to 4.00PM



Microsoft Teams
tiny.cc/drttitlectureseries

Dr. T. Thimmaiah Institute of Technology



Lecture Series 2021

NBA Criterion - An Overview

C-6 | 13th Sep



Prof. Dhanalakshmi. V
Asst. Professor, EEE

C-7 | 14th Sep



Prof. Thara Devi M
Asst. Professor, CSE

C-8 | 15th Sep



Dr. Manjunath C
Assoc. Professor, MAT

C-9 | 16th Sep



Prof. Manjunath Singh
Asst. Professor, CIV

C-10 | 17th Sep



Dr. Jenitha A
Assoc. Professor, ECE

3.00 PM | tiny.cc/drttitlectureseries

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Department of Electronics and Communication Engineering

1 day Virtual Power Seminar on “Nurturing Graduates on Industry Readiness”

Event Date and Title	:	24 th July 2021, 1 day Virtual Power Seminar on “Nurturing Graduates on Industry Readiness”
Speaker(s) at the Event	:	Resource Person: Divya Anand Founder & Director, Dlogix Consulting (OPC)(P) Ltd. Timing : @11:00 AM to 12:15 PM
Number of Participants	:	50

Google Meet Link - Video call link: <https://meet.google.com/wmr-ojes-pff>

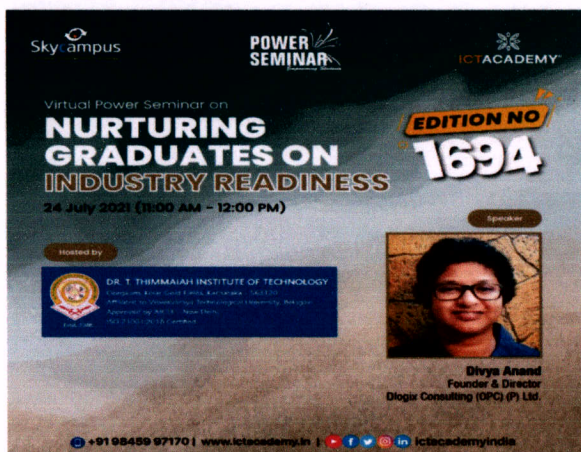
Or dial: (US) +1 314-666-1744 PIN: 140 991 100#

Gist of the Event (Few sentences regarding technical contents of the event)

- Presented a clear lecture about how to prepare for Industry.
- Required Programming updating for industry.
- Motivating the Students for their Self-confidence to face the industrial issues with her real time experiences.

Photograph of the event

Resource Person Profile



25/07/2021
 PRINCIPAL
 Dr. T. Thimmaiah Institute of Technology
 Oorgaum, K. G. F.

Webinar Poster



Dr. T. Thimmaiah Institute of Technology, KGF

Webinar on

Digital Mining - Vision 2030

16 JULY 2021 | 3:30 PM IST

Organised by
Department of Mining Engineering

Link: meet.google.com/tch-ukkq-dxi



Speaker
Mr. K. Sridhar Reddy
Steel Makers Zimbabwe Pvt Limited
Project Manager
Zimbabwe

www.drstit.edu.in

Program Agenda



Dr. T. Thimmaiah Institute of Technology Oorgaum, KGF-563120

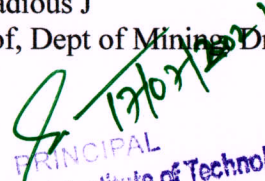
Virtual Webinar on “Digital Mining – Vision 2030”

Date: 16.07.2021

Timing: 03:30 to 04:30 PM

PROGRAMME AGENDA

- Welcome Speech by: Dr Manjunath A
Associate Prof, Dept of Mining, Dr. TTIT, KGF
- Speech by HoD: Dr Manas Mukhopadhyay
HOD, Dept of Mining, Dr. TTIT, KGF.
- About the Session Speaker: Prof Paul Prasanna Kumar
Associate Prof, Dept of Mining, Dr. TTIT, KGF
- Session Speaker: Mr K Sridhar Reddy
Project Manager, Steel Makers Zimbabwe Pvt Limited, Zimbabwe
- Vote of Thanks: Prof John Gladious J
Associate Prof, Dept of Mining, Dr. TTIT, KGF


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Speaker Bio-Data

KALLAM SRIDHAR REDDY – CV

Candidate Summary

Candidate has over 20 years hands on experience in Mining Projects (Mining operations, Mineral Processing plants and Logistics) management, working with different Minerals (Tantalum, Iron ore, Limestone, Coal, Platinum, Gold, Gemstones, Alluvial diamonds , Feldspar and Slate) across Africa and India.

He has a bachelor's degree in mining engineering with master's in business administration. He has previously worked as a head of operations in the world's largest Amethyst deposit (Kariba Minerals) in Zambia; well qualified, experienced and groomed in operating Businesses in African environment.

Professionally registered with Mining and Metallurgy associations in South Africa and Zambia.

Worked with Tantalum, Iron ore processing beneficiation plants.

Mineral Processing experience covers Primary, Secondary and Tertiary Beneficiation; using desliming cyclones, Jigging, Shaking tables Stub cyclones, cyclones, Heavy Gravity Magnetic Separators, Screw washers, Horizontal Vacuum Belt filter, High-Rate Thickener, Dense Medium Separation and flotation circuits for processing.

Education

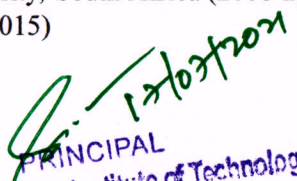
- 1995 - Bachelor of Mining Engineering; Bangalore University, India
- 1999 - Diploma in Software programming; Info tech Education, India
- 2018 - Master of Business Administration; Regenesys Business School, South Africa
- 2020 – to present - Pursuing PhD; National Institute of Technology, India

Additional Courses and Safety Training

- Anglo American Training program, South Africa
- International standards for Mineral resources reporting
- Fundamentals of Risk assessment and Legal liability
- Dispatch control (Modular Systems, South Africa)
- Examine and make area safe – Surface and Underground Mining Operations
- Research and Development Initiatives in Coal mining
- Frontiers in Mining and Geosciences

Professional Memberships & Affiliations

- The Southern African Institute of Mining and Metallurgy (2008)
- Engineering Council of South Africa (2009)
- Served as a Board member in Mining Qualification Authority, South Africa (2008-2010)
- Professional Engineer; Engineering Institute of Zambia (2015)


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Department of Civil Engineering

Webinar on
“RECENT INNOVATIONS IN PREPARATION OF EARTHEN BUILDING MATERIALS”

Event Date and Title	:	12 th July 2021, Monday - 11.00am “RECENT INNOVATIONS IN PREPARATION OF EARTHEN BUILDING MATERIALS”
Speaker(s) at the Event	:	Session Speaker: Dr.H.B. Nagaraj, Professor,CivilDepartment,BMS College of Engineering Bangalore
Number of Participants	:	120
Zoom Meet Link : https://us02web.zoom.us/join/92148256083		
Gist of the Event (Few sentences regarding technical contents of the event): Students have been gained a knowledge on the Recent innovations in preparation of earthen building materials”		



INDIAN CONCRETE INSTITUTE
Bengaluru Centre, Karnataka
Dr. TTIT – ICI STUDENT CHAPTER



In Association with
DEPARTMENT OF CIVIL ENGINEERING
DR. T THIMMAIAH INSTITUTE OF TECHNOLOGY
Oorgaum, Kolar Gold Fields, Karnataka
On 12th July 2021, Monday from 11.00 am
Webinar on:
“RECENT INNOVATIONS IN PREPARATION OF EARTHEN BUILDING MATERIALS”



By:
Dr. H. B. Nagaraj, Professor, Civil Department,
BMS College of Engineering Bangalore

Zoom meeting link:

<https://us02web.zoom.us/join/92148256083>

E – Certificate will be issued to all the attendees

Dr. L R Manjunatha
Chairman ICI (BENC)

Dr. R L Ramesh
Secretary ICI (BENC)

Dr. Ramesh K
HOD, Dept of Civil Engg.
Dr TTIT

Dr. Syed Arif
Principal, Dr. TTIT

For any query, contact coordinator:-

Prof M. Maneela, Associate Professor
Department of Civil Engineering
Dr.T.Thimmaiah Institute of Technology

Mobile No: 8660958149
Email Id : maneela@drttit.edu.in,
maneela.reddy1@gmail.com

Register in advance for this meeting
Indian Concrete Institute - Bengaluru Centre, Karnataka
No. 2, UVCE Alumni Association Building, KR Circle, Bengaluru 560 001
Phone no: 080-2222 4803 , 08951607887 Email Id: icikbc@gmail.com / website: www.icikbc.org

Dr. Maneela
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Dr. TTIT Lecture Series-4 (25.06.2021 to 9.07.2021)

Event Title	:	Dr. TTIT Lecture Series-4
Speaker(s) at the Event	:	Prof.Sridevi.A Assistant Professor, Department of Electrical and Electronics Engineering Mr.Srinivas Babu Assistant Professor, Department of Electronics and Communication Engineering Dr. Narasimha C Professor, Department of Mechanical Engineering Prof. Thara devi M Assistant Professor, Department of Computer Science and Engineering Prof.Ronald Lawrence J Assistant Professor, , Department of Electrical and Electronics Engineering


Google Meet Link: <http://meet.google.com/hkw-mvda-ebx> and

Microsoft Teams Link: tiny.cc/drttitlectureseries2021

Gist of the Event (Few sentences regarding technical contents of the event)




- 25th June 2021- Webinar on Black Fungus
- 26th June 2021- Programming with Python language
- 7th July 2021- Basics of Classes and Objects in Python
- 8th July 2021- Importance of Graph Data Structure
- 9th July 2021- Writing Professional Emails in English

Dr.T Thimmaiah Institute of Technology



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Webinar Lecture Series -4, 2021

 Prof. A. Sridevi (Assistant Professor, Electrical and Electronics Engineering) "Webinar on Black Fungus" June 25 2021, 3:30pm to 4:30pm	 Prof. Srinivas Babu N (Assistant Professor, Electrical and Electronics Engineering) "Programming with Python language" June 26 2021, 3:30pm to 4:30pm	 Dr. Narasimha C (Associate Professor, Mechanical Engineering) "Basics of Classes and Objects in Python" July 07 2021, 3:30pm to 4:30pm
 Prof. Thara devi M (Assistant Professor, Computer Science Engineering) "Importance of Graph Data Structure" July 08 2021, 3:30pm to 4:30pm	 Prof. Ronald Lawrence J (Assistant Professor, Electrical and Electronics Engineering) "Writing Professional Emails in English" July 09 2021, 3:30pm to 4:30pm	

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Webinar Poster



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**Department of Mining Engineering
Organizes
Webinar On**

PLETHORA OF MINERAL PROCESSING

**On Wednesday 23.06.2021
at
02:00 PM to 03:00 PM**

Registration Link:
<https://forms.gle/YpwuoU1K4oGNVva29>

Meeting Link :
<https://meet.google.com/phi-rygg-fpu>

SPEAKER



Dr P Sharath Kumar
Assistant Professor
Department of Mineral Processing
VSKUPG Centre
Nandihalli, Sandur, Karnataka

Program Agenda



Dr. T. Thimmaiah Institute of Technology Oorgaum, KGF-563120

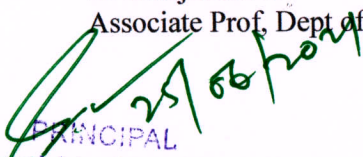
Virtual Webinar on “**PLETHORA OF MINERAL PROCESSING**”

Date: 23.06.2021

Timing: 02:00 to 03:00 PM

PROGRAMME AGENDA

- Welcome Speech by: Prof Paul Prasanna Kumar
Associate Prof, Dept of Mining, Dr.TTIT, KGF
- Speech by HoD: Dr Manas Mukhopadhyay
HOD, Dept of Mining, Dr.TTIT, KGF.
- About the Session Speaker: Ms Nishath Fatima
VIII Sem, Dept of Mining, Dr.TTIT, KGF
- Session Speaker: Dr P Sharath Kumar
Assistant Professor, Department of Mineral
Processing, VSKUPG Centre, Nandihalli, Sandur,
Karnataka
- Vote of Thanks: Dr Manjunath A
Associate Prof, Dept of Mining, Dr.TTIT, KGF


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Speaker Bio-data



Vijayanagara Sri Krishnadevaraya University –Ballari

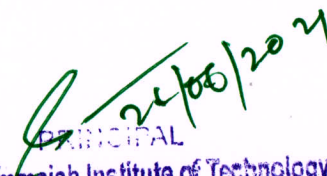
Dr P.Sharath Kumar
Asst. professor
Department of Studies and research in Mineral processing
VSKU PG Centre –Nandihalli-Sandur, Ballari (Dist)
Karnataka -583119, India
Mob: +91-9481032365
Email: - sharathkumar74@gmail.com
sharathkumar@vskub.ac.in

Short Profile

Dr P. Sharath Kumar, joined as Assistant Professor, Department of Mineral Processing at Post graduate centre Nandihalli- Sandur in the end of 2012. Graduated in Mechanical Engineering from VTU, Masters in Metallurgy from NIT Surathkal in the year 2010 and PhD from VSK University in the year 2018.

Before the career in the academia, worked as Assistant Manager in Cummins India Ltd., Pune and also served in the Menon Pistons Ltd., Kolhapur as Senior Metallurgist for Quality Control. Involved in the new Alloy development for Pistons. In the year 2012 elected as expert committee member for development of course curriculum on foundry technology funded by AICTE New Delhi under the scheme of National vocational Education Framework. Currently member of expert committee at Govt Polytechnic, Kolhapur for development of community college in metallurgy.

Currently working as a Chairman, Department of mineral Processing, handling the Project sanctioned by VGST Govt of Karnataka of 20Lakh and 3 industrial projects have been completed. Guided nearly 15 M.Tech Dissertations, attended various international seminars/conferences and workshops. Published nearly 20 papers in various national and international journals.


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Dr. TTIT Lecture Series-3 (18.06.2021 to 24.06.2021)


Event Title	:	Dr. TTIT Lecture Series-3
Speaker(s) at the Event	:	Prof. B. Somashekar Associate Professor, Department of Electrical and Electronics Engineering Mrs. Manju Shree Assistant Professor, Department of Electronics and Communication Engineering Dr. Manjunath A Associate Professor, Department of Mining Engineering Prof.M.Maneela Associate Professor, Department of Civil Engineering Dr. Manjunatha Babu N S Associate Professor, Department of Mechanical Engineering Mrs. Punitha F Assistant Professor, Department of Computer Science and Engineering

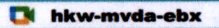
Google Meet Link : <http://meet.google.com/hkw-mvda-ebx>

Gist of the Event (Few sentences regarding technical contents of the event)







- 18th June 2021- Basics of MATLAB programming
- 19th June 2021- Machine Learning Algorithms- A brief approach
- 21th June 2021- Mental Health and Well-being
- 22th June 2021- Significance of Geotechnical Engineering in Engineering Practices
- 23th June 2021- Enhancement of Qualitative Interactive Classroom Activities
- 24th June 2021- ADAS- Advanced Driver Assistance Systems

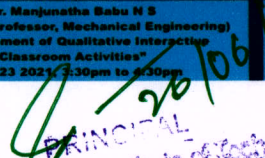
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Webinar Lecture Series - 3, 2021

 Prof. B. Somashekar (Associate Professor, Electrical and Electronics Engineering) "Basics of MATLAB programming" June 18 2021, 3:30pm - 4:30pm	 Prof. Manjushree K Chavan (Assistant Professor, Electronics and Communication Engineering) "Machine Learning Algorithms- A brief approach" June 19 2021, 3:30pm - 4:30pm	 Dr. Manjunath A (Associate Professor, Mining Engineering) "Mental Health and Well-being" June 21 2021, 3:30pm to 4:30pm
 Prof. Maneela M (Associate Professor, Civil Engineering) "Significance of Geotechnical Engineering in Engineering Practices" June 22 2021, 3:30pm to 4:30pm	 Dr. Manjunatha Babu N S (Associate Professor, Mechanical Engineering) "Enhancement of Qualitative Interactive Classroom Activities" June 23 2021, 3:30pm to 4:30pm	 Prof. Punitha F (Assistant Professor, Computer Science and Engineering) "ADAS- Advanced Driver Assistance Systems" June 24 2021, 3:30pm to 4:30pm


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A Webinar on "Early Stage Entrepreneurs -Startup And Related Ecosystem" 14th June 2021 11.00am - 12.30pm

Event Date and Title	:	A Webinar on "Early Stage Entrepreneurs -Startup and Related Ecosystem", 14th June 2021 11.00am - 12.30pm
Speaker(s) at the Event	:	Session Speaker: MAHESH.C, SW Lead ephysicseembedded Inc. Coimbatore
Name of the Company	:	ephysicseembedded Inc. Coimbatore
Number of Participants	:	45

Venue: Youtube: <https://youtu.be/ox4M6c7Uxt0>

Golden Valley Educational Trust
Dr. T. Thimmaiah Institute of Technology
Affiliated to Visvesvaraya Technological University, Belagavi
Oorgaum Post KGF 563120
Institution's Innovation Council (IIC)
organizes
Webinar ON
"EARLY STAGE ENTREPRENEURS -STARTUP AND RELATED ECOSYSTEM"
14TH JUNE 2021 11.00AM - 12.30PM
Speaker
MAHESH.C, M.Tech
SW Lead
ephysicseembedded Inc.
Coimbatore
<https://meet.google.com/xci-oapy-gkh>

ephysicseembedded is presenting
ephysicseembedded Inc.
Embedded Software & Systems Development
(Engineering and R&D Services)
LEAN STARTUP / VIABLE PRODUCT & BUSINESS
(Webinar Content)
• Lean Startup
• Traditional Startup VS Lean Startup
• Industry Process
Mahesh C,
SW_LEAD@ephysicseembedded.com
www.ephysicseembedded.com
Email: services@ephysicseembedded.com
+91 9787286513 | +91 8667304931

15/06/2021
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Dr. TTIT Lecture Series-2(12.06.2021 to 17.06.2021)

Event Title	:	Dr. TTIT Lecture Series-2
Speaker(s) at the Event	:	Dr. Palaniswamy Professor, Department of Electronics and Communication Engineering Prof. Vijaya Raghavan Associate Professor, Department of Mining Engineering Prof Munikrishna Assistant Professor, Department of Civil Engineering Dr. P D Sudersanan Professor, Department of Mechanical Engineering Prof. Manjunath Singh Assistant Professor, Department of Computer Science and Engineering

Google Meet Link: <http://meet.google.com/hkw-mvda-ebx>

Gist of the Event (Few sentences regarding technical contents of the event)

- 12th June 2021- Evolution of 5G
- 14th June 2021- Artificial Neural Network and its Application- An Overview
- 15th June 2021- Pre-stressed Concrete structures
- 16th June 2021- How to manage files and folders in Google Drive
- 17th June 2021- Features and Significance of Server Side Programs

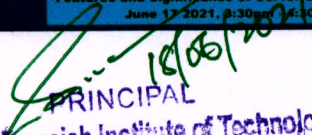
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Webinar Lecture Series - 2, 2021

 <p>Dr.Palaniswamy K M (Professor, Electronics & Communication Engineering) "Evolution of 5G" June 12 2021, 3:30pm - 4:30pm</p>	 <p>Dr. Vijaya Raghavan P (Associate Prof, Mining Engineering) "Artificial Neural Network and its Application- An Overview" June 14 2021, 3:30pm - 4:30pm</p>	 <p>Prof. Munikrishna D.M (Assistant Prof, Civil Engineering) "Pre-stressed Concrete structures" June 15 2021, 3:30pm - 4:30pm</p>
 <p>Dr. P D Sudersanan (Professor and Research Head, Mechanical Engineering) "How to manage files and folders in Google Drive" June 16 2021, 3:30pm - 4:30pm</p>	 <p>Prof. Manjunath Singh (Assistant Professor, Computer Science Engineering) "Features and Significance of Server Side Programs" June 17 2021, 3:30pm - 4:30pm</p>	


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Dr. TTIT Lecture Series-1 (7.06.2021 to 11.06.2021)

Event Title	:	Dr. TTIT Lecture Series-1
Speaker(s) at the Event	:	Dr. Manas Mukhopadhyay HOD and Professor, Department of Mining Engineering Dr. Ramesh HOD and Professor, Department of Civil Engineering Dr. H G Shenoy HOD and Professor, Department of Mechanical Engineering Prof. Vinutha B A Assistant Professor, Department of Computer Science and Engineering Dr. Lakshmipathy. N HOD and Professor, Department of Electrical and Electronics Engineering

Google Meet Link: <http://meet.google.com/hkw-mvda-ebx>

Gist of the Event (Few sentences regarding technical contents of the event)

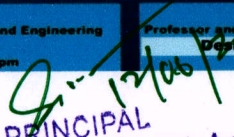
- 7th June 2021- Dynamic Programming - An approach for optimization
- 8th June 2021- Introduction to Basic GIS
- 9th June 2021- Institution's Innovation Council - An Overview
- 10th June 2021- Introduction to DevOps
- 11th June 2021- Design of Electric Powered Bicycle

Dr. T. Thimmaiah Institute of Technology



Webinar Lecture Series - 1, 2021

 Dr. Manas Mukhopadhyay (Head, Mining Engineering) "Dynamic Programming - An approach for optimisation" June 7 2021, 3:30pm - 4:30pm	 Dr. Ramesh K (Head, Civil Engineering) "Introduction to basic GIS" June 8 2021, 3:30pm - 4:30pm	 Dr. H G Shenoy (Vice Principal and Head, Mechanical Engineering) "Institution's Innovation Council - An Overview" June 9 2021, 3:30pm - 4:30pm
 Prof. Vinutha B A Assistant Professor Computer Science and Engineering "Introduction to DevOps" June 10 2021, 3:30pm - 4:30pm	 Dr. Lakshmipathy. N Professor and Head Electrical and Electronics Engineering "Design of Electric Powered Bicycle" June 11 2021, 3:30pm - 4:30pm	


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A Webinar on “Prerequisites to be a Design Engineer” on 04/06/2021

Event Date and Title	:	A Webinar on “Prerequisites to be an design engineer” on 04/06/2021.
Speaker(s) at the Event	:	Session Speaker: Ashwin Royston Lobo Assistant Manager- Skill Development CADMAXX Solutions, Bangalore.
Name of the Company	:	CADMAXX Solutions, Bangalore.
Number of Participants	:	60

Venue: Youtube:<https://youtu.be/5IkTke3UhfK>

Different verticals of mechanical industry @CADMAXX

- 1) Automotive & transportation
- 2) Aerospace & defence
- 3) Industrial machinery & Heavy engg
- 4) Locomotives
- 5) Energy & utilities
- 6) Consumer products & retail
- 7) Medical equipment
- 8) Marine & offshore
- 9) Electronics & semiconductor etc

clideo.com

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CADMAXX

Orientation Programme / Webinar
Conducted by
Department of Mechanical Engineering
on
"Pre-requisites To Be a Design Engineer"
by
Mr. Ashwin Royston Lobo
Assistant Manager - Skill Development
CADMAXX Solutions
Bangalore
on
04/06/2021, Friday

Registration Link: <https://forms.gle/4z7a8ebVwTWDJzXW9>

Note: Active Participants will Receive E-Certificates through their E-mail on Post-Feedback

Golden Valley Educational Trust
Dr. T. Thimmaiah Institute of Technology
Affiliated to Visvesvaraya Technological University, Belgaum
Oorgaum Post 563120

Certificate of Participation

This is to Certify, that
<<Prattis>> <<S&AE>>
from
<<Department>>
has participated in the Webinar on "Pre-Requisites to be design Engineer" conducted by
Dr. T. Thimmaiah Research & Innovation Council in association with Department of Mechanical
Engineering held on 04/06/2021

Prof. Dakshina Divakaran
Deane - Academics

Dr. H. G. Shetty
President DIC & Vice-Principal

Dr. Syed Arif
Principal

[Handwritten Signature]
PRINCIPAL
Dr. T. Thimmaiah Institute of Technology
Oorgaum, K. G. F. - 563120



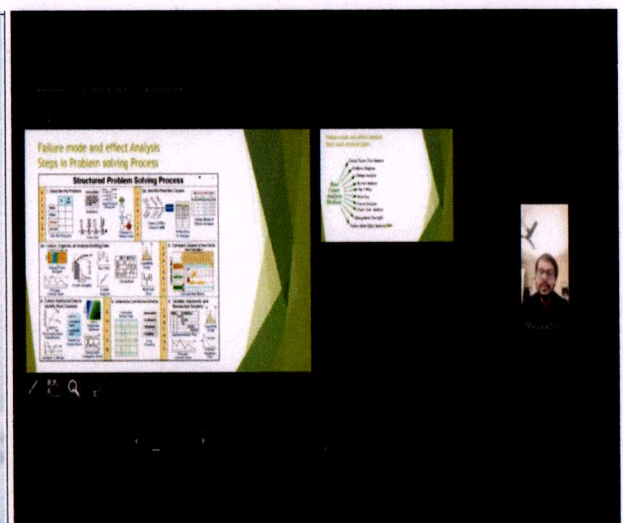
Dr.T. THIMMAIAH INSTITUTE OF TECHNOLOGY
(Estd. 1986) Oorgaum, Kolar Gold Fields, Karnataka – 563120 (Affiliated to
VTU, Belgaum, Approved by AICTE - New Delhi)

**A Webinar on Conducted by Department of Mechanical Engineering on
"Failure Mode and Effect Analysis"
on
01/06/2021, Tuesday**

Event Date and Title	:	A Webinar on Conducted by Department of Mechanical Engineering on "Failure Mode and Effect Analysis" On 01/06/2021, Tuesday
Speaker(s) at the Event	:	Session Speaker: Mr. Manjunath S Lead Technical Architect Vitestco Technologies Ind Pvt Ltd Bangalore on 01/06/2021, Tuesday
Name of the Company	:	Vitestco Technologies Ind Pvt Ltd Bangalore
Number of Participants	:	50

Venue: Youtube: <https://youtu.be/Kw2H3zaw8hM>

Photograph of the event :



02/06/2021
PRINCIPAL

Dr. T. Thimmaiah Institute of Technology
Oorgaum, K. C.



Dr. T. THIMMAIAH INSTITUTE OF TECHNOLOGY
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VTU, Belgaum, Approved by AICTE - New Delhi)

**A Webinar on "IMPLEMENTATION OF NATIONAL
POLICY" on 27 MAY 2021 11.30AM - 12.30PM**

Event Date and Title	:	A Webinar on "IMPLEMENTATION OF NATIONAL EDUCATION POLICY" on 27 MAY 2021 11.30AM - 12.30PM .
Speaker(s) at the Event	:	Session Speaker: Prof. Dr. H. G. SHENOY Vice Principal Head of The Department of Mechanical Engineering President, Institution's Innovation Council (IIC), Dr. TTIT Dr. T. Thimmaiah Institute of Technology, K.G.F
Number of Participants	:	95

Venue: Youtube link: <https://youtu.be/lCWOCcNgV1o>

Photograph of the Event :

PRINCIPAL

Dr. T. Thimmaiah Institute of Technology
Oorgaum, K. G. F- 563120



Dr.T.THIMMAIAH INSTITUTE OF TECHNOLOGY
Oorgaum, Kolar Gold Fields, Karnataka – 563120
(Affiliated to VTU, Belgaum, Approved by AICTE - New Delhi)

Department of Civil Engineering

**Webinar on
"Solid Waste Management & its Techniques"**

Event Date and Title	:	20/05/2021 at 11:00am to 11:30am "Solid Waste Management & its Techniques"
Speaker(s) at the Event	:	Resource person: Dr. Manjula O Associate professor Department of civil engineering Gopalan college of Engineering Bangalore
Number of Participants	:	120
Google Meet Link - https://forms.gle/fjihmcKNYpTDwQhf9		
Gist of the Event (Few sentences regarding technical contents of the event) Students have been gained a knowledge on the different techniques involved in optimizing the solid wastes in solid waste management.		

 **Golden Valley Educational Trust**
Dr.T.Thimmaiah Institute of Technology
Affiliated to VTU, Belgavi, Approved by AICTE,
New Delhi & Government of Karnataka,
Oorgaum Post KGF-563120

 **INSTITUTION'S INNOVATION COUNCIL**
(Ministry of Education Initiative)

Resource Person


Dr. Manjula O
Associate Professor
Department of Civil Engineering
Gopalan College of Engineering
Bangalore

Event Co-ordinator
Prof. M. Maneela
Co-Ordinator
Associate Professor
Dept of Civil Engg.
Dr. TTIT, KGF

Department of Civil Engineering
Organizing Webinar
on
"Solid Waste Management & its Techniques"

In association with  **on**
20/05/2021
at 10:00am to 11:30am

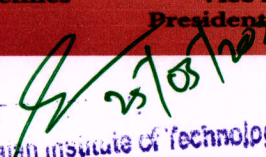
Click Here to Register : <https://forms.gle/fjihmcKNYpTDwQhf9> 

Dr. Ramesh K
HOD-Civil

Prof. Ruckmani Divakaran
Dean Academics

Dr. H.G. Shenoy
Vice Principal &
President, Dr TTIT IIC's

Dr. Syed Ariff
Principal


Dr. T. Thimmaiah Institute of Technology
Oorgaum, K. G. F- 563120



Dr. T. THIMMAIAH INSTITUTE OF TECHNOLOGY
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A Webinar on National Innovation And startup Policy
13 MAY 2021

Event Date and Title	:	A Webinar on NATIONAL INNOVATION ANDSTARTUP POLICY. 13 MAY 2021 11.00AM - 12.00PM
Speaker(s) at the Event	:	Session Speaker: Prof. Dr. P.D. Sudersanan Head of Ranking and Accreditation Department of Mechanical Engineering Dr. T. Thimmaiah Institute of Technology, K.G.F
Name of the Company	:	Dr. T. Thimmaiah Institute of Technology, K.G.F
Number of Participants	:	70

Venue: Youtube: <https://youtu.be/PfPzban2jI>

The image shows a screenshot of a Google Meet session on the left and a promotional poster on the right. The poster is for an 'ORIENTATION SESSION ON NATIONAL INNOVATION AND STARTUP POLICY' held on 13 MAY 2021 from 11.00AM to 12.00PM. The speaker is Prof. Dr. P.D. Sudersanan, Head of Ranking and Accreditation, Department of Mechanical Engineering, Dr. T. Thimmaiah Institute of Technology, K.G.F. The poster also mentions the Golden Valley Educational Trust and Visvesvaraya Technological University, Belagavi.

Dr. P. D. Sudersanan
 PRINCIPAL
 Dr. T. Thimmaiah Institute of Technology
 Oorgaum, K. G. F- 563120



Dr. T. THIMMAIAH INSTITUTE OF TECHNOLOGY
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VTU, Belgaum, Approved by AICTE - New Delhi)

A Webinar on “Successful Start-up founder” on 16 April 2021

Event Date and Title	:	A Webinar on “Successful Start-up founder” on 16 April 2021. Timing: 11:00 am to 12:00pm
Speaker(s) at the Event	:	Session Speaker: Mr. Mohanlal Singh B MMKT Autosolution
Name of the Company	:	MMKT Autosolution
Number of Participants	:	70
Venue: Youtube: https://youtu.be/PrsFs81Gw6o		

Photograph of the Event :

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Dr. T. Thimmaiah Institute of Technology
Affiliated to VTU, Belgaum, Approved by AICTE,
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Oorgaum Post, KGF - 563120

INSTITUTION'S
INNOVATION
COUNCIL
Member of Karnataka Industries

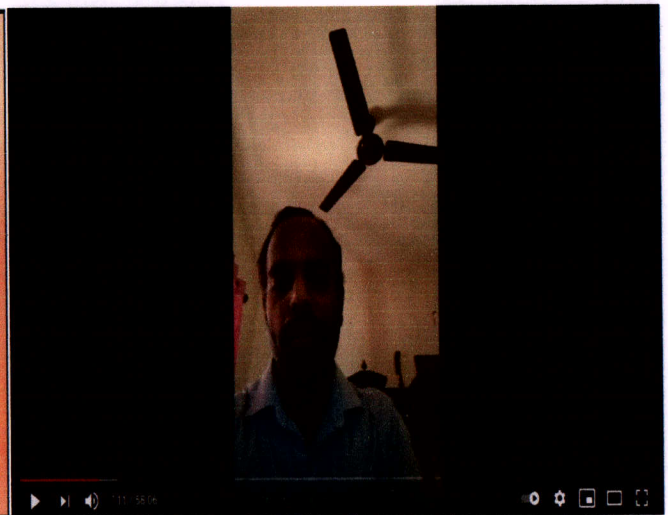
Webinar
On
"Successful Start-up founder
"(Entrepreneurs in Campus)"
Resource Person
Mr. Mohanlal Singh B
MMKT Autosolution
On
16 April 2021
Timing: 11:00 am to 12:00pm
Link to join: <https://meet.google.com/scf-tqxs-uoj>

Prof. Veena B
Co-Ordinator

Prof. Ruckmani Divakaran
Dean Academics

Dr. H.G. Shenoy
Vice Principal &
President- Dr. TITIT IIC's

Dr. Syed Ariff
Principal



Handwritten signature and date: 17/04/2021

Dr. T. Thimmaiah Institute of Technology
Oorgaum, K. G. F- 563120



Dr. T. THIMMAIAH INSTITUTE OF TECHNOLOGY
 Oorgaum, Kolar Gold Fields, Karnataka – 563120
 (Affiliated to VTU, Belgaum, Approved by AICTE - New Delhi)

Department of Electronics and Communication Engineering

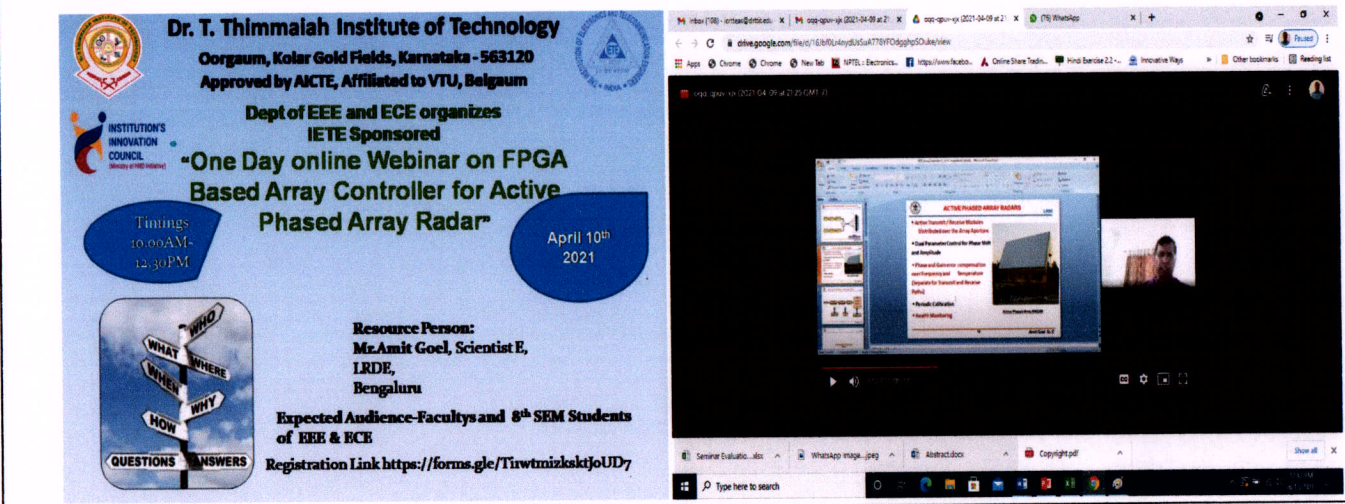
One day Virtual Webinar On
 FGPA Based Array Controller For Active Phased Array Radar”

Event Date and Title	:	10 th April 2021, One day Virtual Webinar On FGPA Based Array Controller For Active Phased Array Radar”
Speaker(s) at the Event	:	Resource Person: Mr. Amit Goel, Scientist E, LRDE, Bengaluru Timing : @10:00 AM to 12:30 PM
Number of Participants	:	80

Gist of the Event (Few sentences regarding technical contents of the event)

- Introduction to VLSI and its applications in various fields explained in detail with a clear session about the design of Phased Array Radar using FPGA
- Shared the recent advancement in VLSI for designing Radar with his real time experience

Photograph of the Event



P. P. 12/04/2021
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**A Webinar on “Webinar on Orientation by Innovation Ambassador:
Innovations & Emerging Technologies”**
on
26th March 2021

Event Date and Title	:	Webinar on Orientation by Innovation Ambassador: Innovations & Emerging Technologies on 23/3/2021 Timing: 2 PM To 3 PM.
Speaker(s) at the Event	:	Session Speaker: Mr. Vinay G Rajagopal ISV, IoT, Embedded Technology Lead Red Hat India/South Asia
Name of the Company	:	Red Hat India
Number of Participants	:	70

Venue: Youtube Link: <https://youtu.be/kE4N2UkwmSA>

Photograph of the Event :

Golden Valley Education Trust
Dr. T. Thimmaiah Institute of Technology
(Affiliated to VTU, Belgaum, Approved by
AICTE, New Delhi & Govt. of Karnataka)
Oorgaum Post, K. G. F-563120

Resource Person
Mr. Vinay G Rajagopal
ISV, IoT, Embedded Technology Lead
Red Hat India/South Asia

Webinar
on
Orientation by Innovation Ambassador:
INNOVATIONS & EMERGING
TECHNOLOGIES
on
23/3/2021
Timing: 2 PM To 3 PM

Organized by
Department of
Mechanical Engineering
In Association with
Institution's Innovation Council
(IIC), Dr. TIT, KGF.

INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education Initiative)

CLICK HERE TO REGISTER:
[HTTPS://FORMS.GLE/T7B76X5BZZEUKZBJ6](https://forms.gle/T7B76X5BZZEUKZBJ6)

5G is the foundation that is fueling the Emerging Technologies

Enhanced Mobile Broadband
4K/8K, Enhanced Mobile Video Live Streaming, Immersive VR/AR

Ultra-reliable Low Latency Communications
Remote Control, Electric Vehicle charging infrastructure, Smart Grid

Massive Machine Type Communications
Smart City and Smart Working, Asset tracking and predictive maintenance, City management

27/03/2021
PRINCIPAL
Dr. T. Thimmaiah Institute of Technology
Oorgaum, K. G. F- 563120



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 VTU, Belgaum, Approved by AICTE - New Delhi)

**A Webinar on “How to plan for Start-up
 Legal & Ethical Steps”
 on
 26th March 2021**

Event Date and Title	:	A Webinar on “How to plan for Start-up Legal & Ethical Steps” on 26th March 2021.
Speaker(s) at the Event	:	Session Speaker: Mr. RAVINDRAN. N Managing Partner SPROUT SOLUTIONS, Bangalore.
Name of the Company	:	SPROUT SOLUTIONS
Number of Participants	:	70

Venue: You tube Link: <https://youtu.be/q5Kp5DZVif8>

Photograph of the Event :

27/03/2021
 PRINCIPAL
 Dr. T. Thimmaiah Institute of Technology
 Oorgaum, K. G. F. - 563120



Dr. T. THIMMAIAH INSTITUTE OF TECHNOLOGY
Oorgaum, Kolar Gold Fields, Karnataka – 563120
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Department of Mechanical Engineering

**Invitation for a Guest Lecture on “Innovations and Emerging Technologies”
on 23rd March 2021**

Event Date and Title	:	23 rd march 2021, Webinar on “Innovations and Emerging Technologies” from 2 to 3 pm.
Speaker(s) at the Event	:	Session Speaker: Mr. Vinay G Rajagopal Embedded Technology Lead Red Hat India/South Asia
Number of Participants	:	70
Google Meet Link - http://meet.google.com/awk-hbik-zst		
Gist of the Event (Few sentences regarding technical contents of the event) Day : Briefly explained about the innovations and latest emerging technologies which includes detailed explanation regarding how to explore the ideas through innovative methods and briefs about the end user applications with effective problem solving skills.		

[Handwritten Signature]
24/03/2021
PRINCIPAL
Dr. T. Thimmaiah Institute of Technology
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**Basic Concepts of Polymer Composites-Manufacturing,
Processing & Applications on
18 March 2021
Timing: 5.15pm to 6.15pm**

Event Date and Title	:	Basic Concepts of Polymer Composites-Manufacturing, Processing & Applications on 18 March 2021 Timing: 5.15pm to 6.15pm.
Speaker(s) at the Event	:	Dr.N.MOHAN Professor and Head, Dr Ambedkar Institute of Technology Bangalore
Name of the Company	:	Dr Ambedkar Institute of Technology Bangalore
Number of Participants	:	70

Venue:You tube link : <https://youtu.be/wm-vGuWihpg>

Photograph of the Event :



19/03/2021
PRINCIPAL
Dr. T. Thimmaiah Institute of Technology
Oorgaum, K. G. F - 563120



Dr.T. THIMMAIAH INSTITUTE OF TECHNOLOGY
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 VTU, Belgaum, Approved by AICTE - New Delhi)

**Webinar on Angel Investors and Venture Capital funding opportunities for
 Early Stage Entrepreneurs**

on

13th March 2021

Timing: 11.00am-12.00pm

Event Date and Title	:	Webinar on Angel Investors and Venture Capital funding opportunities for Early Stage Entrepreneurs on 13th March 2021 Timing: 11.00am-12.00pm
Speaker(s) at the Event	:	Mr. Shashimohan Doddamane Program Manager, Capgemini Bangalore
Name of the Company	:	Capgemini Bangalore
Number of Participants	:	75

Venue: You tube Link: https://youtu.be/c13y5_j8J1Q

Photograph of the Event :

Golden Valley Education Trust
Dr.T.Thimmaiah Institute of Technology
 (Affiliated to VTU, Belgavi, Approved by AICTE, New Delhi & Govt. of Karnataka)
 Oorgaum Post, K.G.F-563120

Webinar
on
Angel Investors and Venture Capital funding opportunities for Early Stage Entrepreneurs
on
13th March 2021
Timing: 11.00am-12.00pm

Dr.H.G.Shenoy
 Vice Principal & President Dr.TTIT's IIC

Dr.Syed Ariff
 Principal Dr.TTIT

Prof.Ruckmani Divakaran
 Dean Academics

Dr. Manas Mukhopadhyay
 HOD Mining and Head of R&D

RESOURCE PERSON

MR.SHASHIMOHAN DODDAMANE
 PROGRAM MANAGER, CAPGEMINI BANGALORE

Organized by
Institution's Innovation Council (IIC) and Dr.TTIT, KGF.

INSTITUTION'S INNOVATION COUNCIL
 (Ministry of Education Initiative)

Funding Sources

Opportunities

Risk Assessment

Funding Options

Modes
 Bank Loan - Debt
 Friends & Family - Debt
 Own Fund - Equity
 New Economy - Options
 Angel Investment - Equity
 Venture Capital - Equity
 Add Finally
 VTC

Click here to Register:
<https://forms.gle/sZ2tX7sBojiky06>

12/03/2021

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(Affiliated to VTU, Belgaum, Approved by AICTE - New Delhi)

Department of Electronics and Communication Engineering

Two days Virtual Skill Development Program on “Applications of MATLAB in Low Power & High-Power Circuits”

Event Date and Title	:	29th & 30th Jan 2021, Two days Virtual Skill Development Program on “Applications of MATLAB in Low Power & High-Power Circuits”
Speaker(s) at the Event	:	Resource Person: Dr. Venkatesha, M.E, Ph.D. Professor/EEE, BNMIT, Bengaluru Timing: @10:00 AM to 12:00 PM
Number of Participants		95

Gist of the Event (Few sentences regarding technical contents of the event)

Day 1:Significance & Application of MATLAB, Mechanics of Simulation, Simulation of Converter Circuits, Power flow of UPS, Laptops and Electrical vehicle Systems(concepts) and applications of Electronic switches in Industry.

Day 2: Power Electronics roll in Power quality, IEEE standard, 446/1987 voltage standard, Seven types of power quality problems with Simulation.

Photograph of the Event : Seminar Banner

Dr. T. Thimmaiah Institute of Technology
Oorgaum, Kolar Gold Fields, Karnataka - 563120
Approved by AICTE, Affiliated to VTU, Belgaum

Dept of EEE and ECE organizes
IETE Sponsored
Two Day- Online
Skill Development Programme
On
“Applications of MATLAB
in
Low Power & High Power Circuits”

Resource Person:
Dr. K.Venkatesha, M.E, Ph.D
Professor, Dept of EEE,
BNMIT, Bengaluru

Expected Audience-3rd Sem Students of EEE & ECE

Time: 10.00 AM to 12.00 PM

Jan 29th & Jan 30th - 2021

02/02/2021
PRINCIPAL
Dr. T. Thimmaiah Institute of Technology
Oorgaum, K. G. F- 563120

Brochure:

Registration Form
(photocopy may be used if required)

Name (in BLOCK letters): _____

Department : _____

Semester: _____

Permanent Address : _____

Name of the College: _____

E mail : _____

Contact Number: _____

Declaration:
The information furnished above is true to the best of my knowledge.

Date: _____
Place: _____ Signature of the Applicant

Mr./Ms./Dr. _____
is an employee (faculty)/UG student of our institute. He/She will be permitted to attend the programme if selected.

Date: _____
Place: _____

Signature & Seal
HOD/Principal

Chief Patron
Dr. T.Venkat Vardhan, President, GVET

Patron
Mr.Rahoul Kengal Vardhan, Vice President, GVET

Organising chairs:
1. Dr. Syed Arif Principal, Dr. TITIT,
2. Dr. Shano, H.G, Vice Principal, Dr. TITIT

Conveners
1. Dr. Lakshminpathy, N, HoD/EEE
2. Prof. Vijaya Bharathi M, HoD/ECE

Coordinators
Dr. K.M. Palaniswamy, Professor, ECE Dept
Prof. Sridevi, Asst Professor, EEE Dept
Organising committee

1. Mr. Ronald Lawrence, J Asst Prof/EEE
2. Mr. Dayananda B R, Asst Prof/EEE
3. Mrs. Julian Rupa, J, Asst Prof/EEE
4. Mrs. Jemitha A Associate Professor/ECE,
5. Mrs. Kanunozhi, Asst Prof/ECE
6. Mrs. Nandini, Asst Prof/ECE

Note:
1. The attendance is mandate
2. The participants have to fill Registration Forms given through Link or Feedback Forms.
3. The participants have to fill Feedback Forms given through Link after every session.
4. The participants can use query session for their queries.
5. After completion of Two sessions a certificate will be sent to their Emails after verification of Attendance.



Dr. T.Thimmaiah Institute of Technology
Oorgaum, K. G. F. - 563120
Approved by AICTE - New Delhi, Affiliated to VTU - Bellary,
Approved by GATE of Karnataka and ISO 20000: 2015 Certified

IETE Sponsored



**Two Days- Online
Skill Development Programme
On
Applications of MATLAB
in
Low Power & High Power Circuits**

Jan 29th & Jan 30th - 2021

organised by
**Institute of Electronics and Tele Communication
Engineers(IETE) Students Chapter**
OF
**Electrical & Electronics Engineering &
Electronics and Communication Engineering Departments**
Dr.T.Thimmaiah Institute of Technology,
Oorgaum(Po),Kolar gold field,
Karnataka-563120

Contact Persons
1. Dr. K.M.Palaniswamy, Professor, ECE Dept,
Mobile No: 7411180461, 7010683935
2. Prof. Sridevi, Asst Professor, EEE Dept,
Mobile No: 7975625813

About the Institute
Dr. T. Thimmaiah Institute of Technology (Formerly Known as Golden Valley Institute of Technology - GVIT) was started in the year 1986 at Kolar Gold Fields by Dr. T. Thimmaiah, Ph.D (London), IAS (Retired), as the founder President under the aegis of Golden Valley Educational Trust, with the sole purpose of imparting quality technical education. Dr. T. Thimmaiah Institute of Technology is affiliated to Visvesvaraya Technological University (VTU) - Belagavi, Karnataka and is approved by the All India Council for Technical Education (AICTE) - New Delhi, and at present offers Degree Courses in Engineering as given below. It has under graduate courses such as BE-Mechanical Engineering, BE-Electrical & Electronics Engineering, BE-Mining Engineering, BE-Electronics & Communication Engineering, BE-Computer Science & Engineering and BE-Civil Engineering and also PG Course ME - Machine Design.

About IETE
The Institution of Electronics and Telecommunication Engineers (IETE) founded in 1953 is one of the leading Professional Society in India. With the great vision of founder and subsequent forfathers and stalwarts who were leading light of the Institution IETE, have been devoting and contributing for the advancement of Science and Technology in the fields of Electronics, Communication Engineering, Computer Science, Information Technology and other related subjects. The major focus of IETE is to provide engineering education i.e. Degree and Diploma level certifications to younger generation at affordable cost who can not afford it through regular & private engineering institutions at exorbitant cost. IETE has got two streams of Student base. First wing is the students of alma-mater , IETE , viz, the pass outs of DIPIETE , AMIETE and ALCCS students . For them we have an Alumni Association formed in 2013 and the Second one is the Engineering students studying in Engineering Colleges and Polytechnics across the Country. This wing is the ISF (IETE Students Forum). More than 550 live ISFs are functioning in India today with a student membership of more than 60,000

About ECE Dept
The Department of Electronics and Telecommunication Engineering was started in the year 1993 with the idea of equipping young people with the necessary technical

knowledge and professional skills needed to address the challenges in the rapidly growing field of Electronics and Communication Engineering and promoting research in this area headed by Prof. Vijaya Bharathi. ECE department is a dynamic and vibrant department with 17 highly qualified, experienced and dedicated faculty members. The department meets the growing requirement of practical design engineers in the country and abroad. The curriculum in Electronics and Communication Engineering lays greater emphasis on design principles and development of Communication models, Signal Processing, Image processing, Embedded Systems and VLSI. The young, dynamic and dedicated Staff members have succeeded in establishing the highest standards of coaching the students and to equip them to face the future with confidence. The Department is also successful in achieving VTU ranks.

About EEE Dept
The Department of Electrical & Electronics Engineering was established in the year 1986. EEE Department is a dynamic and vibrant department with 09 highly qualified, experienced and dedicated faculty members. The department meets the growing requirement of practical design Engineers in the country. The Faculty members of this department are consistently doing well in teaching and research.

The department grew with time reflecting the needs of changing society and establishing new areas of teaching and research in Electrical Engineering. The department endorses dynamic Industry-Institute collaboration by identifying areas of interest. Department is associated with TCS and CISCO for placement training and certification.

About the Resource Person
Dr. VENKATESHA K. B.E., M.E., Ph.D. Professor, has held various positions as Asst. Professor, Associate Professor in various Colleges and currently working as Professor in BNMIT, Bangalore from August 2019. He has completed his Doctor of Philosophy in Faculty of Electrical & Electronics Engineering Sciences for the thesis entitled "Modeling and Design of Single phase & Three phase bidirectional AC/AC Converter for Power quality improvement using FPGA Real time controller" under VTU, in 2019. He has published in more than 10 International Journals and participated in more than 10 National/ International Conferences. He has vast experience in Simulation Softwares and handling of High Endorse Equipments.

About the workshop
This SDP allows the participants to explore the possibilities in MATLAB which can be used for Image processing applications, Signal processing, Power Electronics and partly for communication applications.


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(Affiliated to VTU, Belgaum, Approved by AICTE - New Delhi)

Department of Electronics and Communication Engineering

One day Webinar On “Idea Pitching for Final Year Students”

Event Date and Title	:	20th Dec 2020, One day Webinar On “Idea Pitching for Final Year Students”
Speaker(s) at the Event	:	Resource Person: Mr. NEHRU BABU A General Manager – Plant Maintenance BEML Ltd., K G F Timing: @11:00 AM to 12:30 PM
Number of Participants	:	65

OFFLINE MODE in EDUSAT ROOM

Gist of the Event (Few sentences regarding technical contents of the event)

- Presented the innovative new ideas the students has to focus for future opportunities.
- Motivated the students to prepare to acquire good knowledge in all the industrial requirements both in coding and hardware side.
- Shared his real time experiences in his career and the future opportunities for the students in the industries.


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(Affiliated to VTU, Belgaum, Approved by AICTE - New Delhi)

Department of Electronics and Communication Engineering

One day Webinar on “CNC Machines and Control Systems”

Event Date and Title	:	19 th Dec 2020, One day Webinar On “CNC Machines and Control Systems”
Speaker(s) at the Event	:	Resource Person: Mr. NEHRU BABU A General Manager – Plant Maintenance BEML Ltd., K G F Timing : @11:00 AM to 12:30 PM
Number of Participants	:	65

OFFLINE MODE in EDUSAT ROOM

Gist of the Event (Few sentences regarding technical contents of the event)

- Presented the Industrial Requirements of CNC machine and its requirements
- Motivated the students to prepare to acquire good knowledge in CNC machines and its Control Systems both in Hardware side and Software coding part.
- Shared his real time experiences in his career and the future opportunities for the students in the industries.

Seminar Banner

Golden Valley Educational Trust
Dr. T. THIMMAIAH INSTITUTE OF TECHNOLOGY
Approved By AICTE Govt. of India New Delhi | ISO 21001: 2018 Certified
Affiliated to Visvesvaraya Technological University Belagavi
Oorgaum, Kolar Gold Fields - 563120

Department of ECE
&
Department of Mechanical Engineering
Jointly Organizes

**Webinar on
CNC Machines and Control Systems**
on Saturday 19.12.2020 | 11.00 am - 12.30 pm

RESOURCES PERSON
Mr. A. Nehru Babu
B.E.(E&C), SJCE, Mysore, M.Tech, IIT, Chennai
General Manager, Plant Maintenance, BEML Ltd.,
Kolar Gold Field, Karnataka

COORDINATOR
Prof. A. Jenitha
Project Coordinator
Dept of ECE, Dr.TTIT

ORGANISER
Prof. M. Vijaya Bharathi
HOD/ECE,
Dr.TTIT, KGF

Registration Link: <https://forms.gle/WngRQEGfpRiqQiWN6>

Principal
Dr. T. Thimmaiah Institute of Technology
Oorgaum, K. G. F- 563120



Dr.T.THIMMAIAH INSTITUTE OF TECHNOLOGY
Oorgaum, Kolar Gold Fields, Karnataka – 563120
(Affiliated to VTU, Belgaum, Approved by AICTE - New Delhi)

Department of Computer Science and Engineering

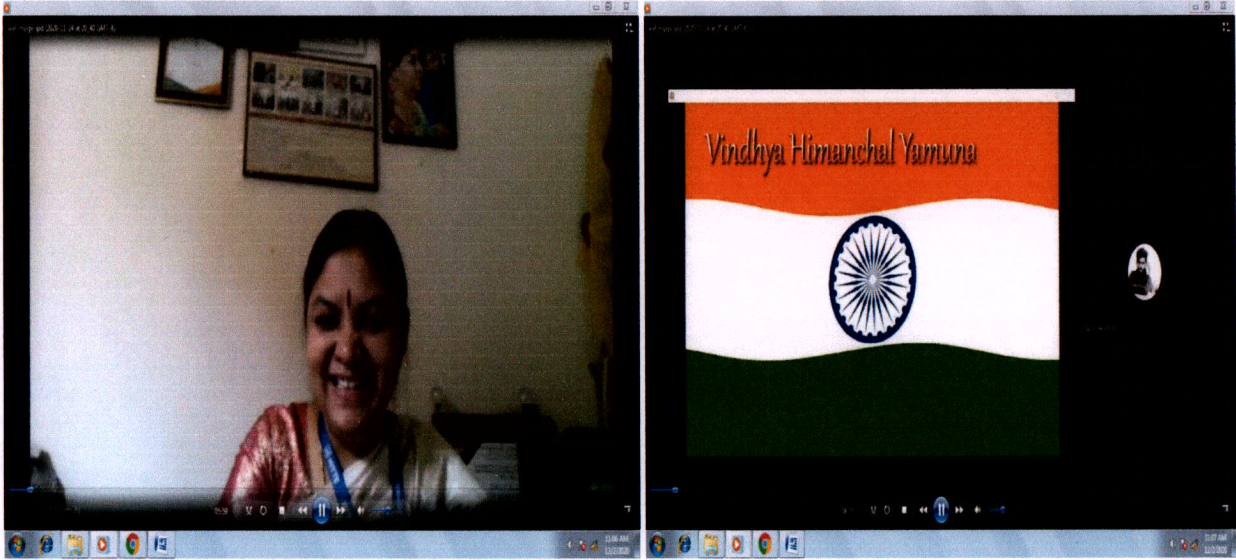
Three Days National level Workshop On
“Data Structure & Applications (DSA-NOV 2020)”

Event Date and Title	:	25th to 27th November 2020 Three Days National level Workshop On “Data Structure & Applications (DSA-NOV 2020)”
Speaker(s) at the Event	:	Chief Guest: Dr. N.Nalini Chair person CSI-Bangalore Chapter Professor, Dept. of CSE, Nitte Meenakshi Institute of Technology, Bangalore Session Speaker 1: Prof. Ravi Kumar, Associate Professor, Department of CSE East Point College of Engineering, Bangalore Session Speaker 2: Prof. Gayathri, Assistant Professor, Department of Mathematics East Point College of Engineering, Bangalore
Number of Participants	:	110
Registration link	:	https://forms.gle/pFKVkhHQ5JFG7Z5m6
Online Platform	:	Google meet
Gist of the Event (Few sentences regarding technical contents of the event) Day 1: Introduction to Stacks, Queue, Lists. Day 2: Implement Non-Linear Data Structure Day 3: Analyze the problems on Mathematical Induction and Recurrence relations		

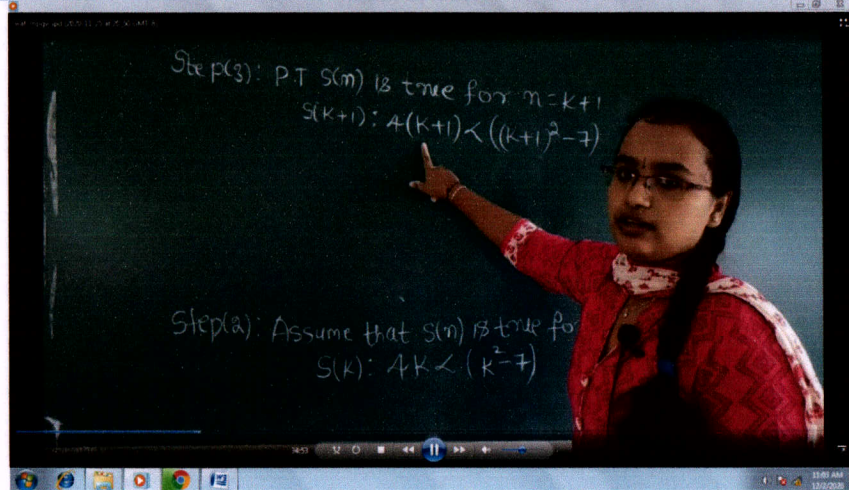
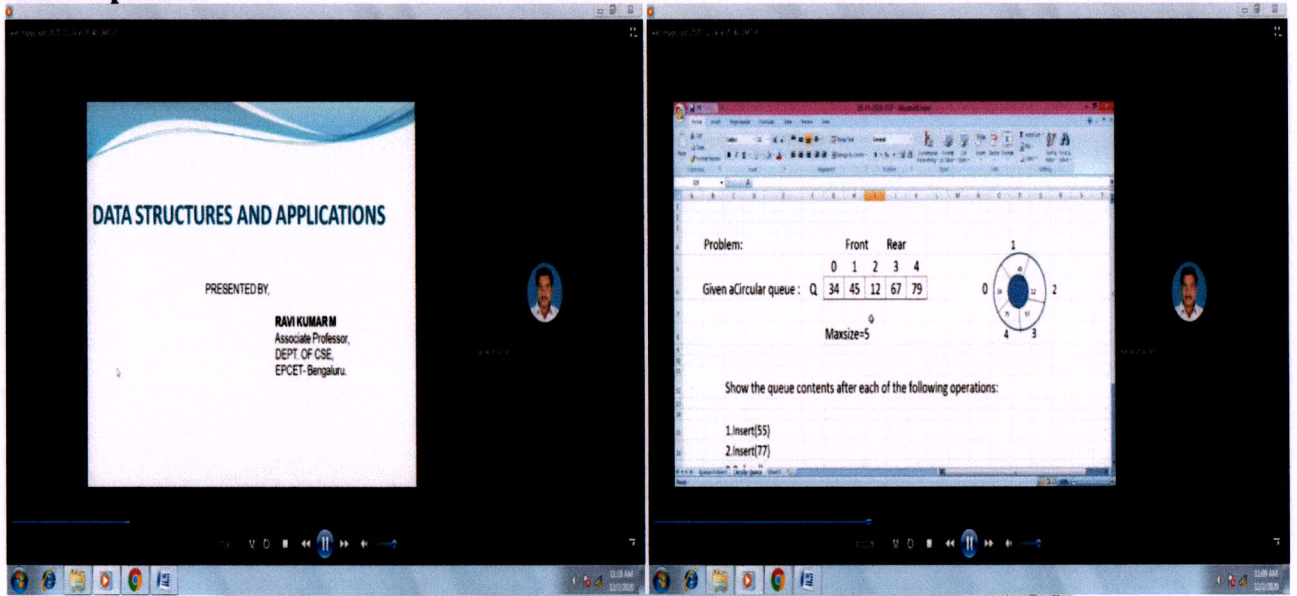
PRINCIPAL

Dr. T. Thimmaiah Institute of Technology
Oorgaum, K. G. F- 563120

**Photograph of the event :
Chief Guest**



Session Speaker



[Signature]
 26/11/2020
 PRINCIPAL
 Dr. T. Thinnmaiah Institute of Technology
 Oorgaum, K. G. F- 563120

Workshop Brochure

About Dr. TIT, K.G.F

Dr. T. Thirumalaiah Institute of Technology (Formerly Known as Golden Valley Institute of Technology - GVIT) was started in the year 1986 at Kolar Gold Fields by Dr. T. Thirumalaiah, Ph. D. (London), IAS (Retired), as the founder President under the aegis of Golden Valley Educational Trust, with the sole purpose of imparting a quality technical education in rural sector of Kolar District. Dr. T. Thirumalaiah Institute of Technology is affiliated to Visvesvaraya Technological University (VTU), in Karnataka & First Engineering College in Kolar District. Dr. TIT is approved by the All India Council for Technical Education (AICTE) and at present offers Degree Courses in Engineering, Management and Post Graduation. Today, Dr. TIT is under the able administration of Dr. T. Venkat Venkatesh, the Managing Director of India's No.1 Events Company, DNA Entertainment Networks Private Limited which is headquartered in Bangalore. Born and educated between Kolar Gold Fields and Bangalore, a mechanical engineer from UVCE, he is responsible for single-handedly redefining and landscaping presentation of Mega Live Entertainment and Sports Events in India. Since its inception for well over two decades

About the Department

Department offers Bachelors of Engineering (B.E) in Computer Science and Engineering with an intake of 120 students since 1993. Today, Department has undertaken with Tata Consultancy Services (TCS) for academic project guidance and certification.

In January 2018, Cisco Networking Academy is initiated with Cisco Pvt. Ltd, the World Leaders in Networking with certified trainers and accredited Center of Excellence & Laboratories.

Chief Patrons:

Dr. Venkat Vardhan
President, Golden Valley Educational Trust

Patron:

Dr. Syed Ariff, Principal
Dr. H. G. Shenoy, Vice-Principal
Prof. Rukmani Divakaran, Dean

Convener:

Dr. S. Sreedhar Kumar,
Professor & Head,
Dept. of CSE

Coordinators:

Mrs. Mercy Flora A., Asst. Prof. CSE
Mrs. Sharmila Kumari N., Asst. Prof. CSE
Mrs. Tharadevi M., Asst. Prof. CSE

Chief Guest:

Dr. N. Nalini, (President, CSI Bangalore Chapter
Professor, Dept. Of CSE,
NMIT, Bangalore

Session Speaker:

Prof. Ravi Kumar,
Associate Professor, Department of CSE
East Point College of Engineering, Bangalore

Prof. Gayathri

Assistant Professor, Department of Mathematics
East Point College of Engineering, Bangalore



Continuing to transform our world

Golden Valley Education Trust
**Dr. T. Thirumalaiah Institute
of Technology**
(Affiliated to VTU, Belgaavi, Approved by
AICTE, New Delhi & Govt. of Karnataka)
Oorgaam, Post. K.G.F-563120

**Three Day National level
Workshop On
"Data Structure & Applications"
(DSA-NOV2020)
25th to 27th Nov 2020**

Organized By
Department of Computer Science
Engineering
in Association with
**Dr. TIT CSI Student Branch and
Institution Innovation Cell,
Dr. TIT**

Objectives of the Workshop:

- To analyze linear data Structure, Stack, Queue, and Lists concepts respectively.
- To compare Graphs and Trees
- To analyze problems on recurrence relations

Workshop outcomes:

At the end of workshop participants will be able to:

- Design and analyze the performance of Stack, Queue, Lists, and its applications
- Implement nonlinear Data Structure
- Analyze the problems on Recurrence relations

ADDRESS FOR COMMUNICATION

Prof. Sharmila Kumari
Assistant Prof. CSE
Dr. TIT, KGF
sharmila@drtit.edu.in

Prof. Mercy Flora Prithiba A
Assistant Prof. CSE
Dr. TIT, KGF
mercy@drtit.edu.in

Prof. Tharadevi M
Assistant Prof. CSE
Dr. TIT, KGF
thara@drtit.edu.in

No registration fees for faculty members, research scholars and students to attend this workshop through Google meet.
All participants will get e-certificate and the workshop registration link as given below:

<https://forms.gle/pFKVdHHQ5JFG7ZSm6>

ORGANISING COMMITTEE

Dr. Charan KV
Prof. Leelavathy S.R
Prof. Vinutha B.A
Prof. Manjunath Singh
Prof. Punitha F
Prof. Premalatha D
Prof. Sharmila Kumari N
Prof. Shalini G
Prof. Nisha Bai M
Prof. Santhosh Kumari Y
Prof. Sudha V
Prof. Sophia S
Prof. Revathi S
Prof. Hamsalatha J

TECHNICAL SUPPORT
Mrs. Manvitha V

Contact: +91 9591606083 | 9740782190

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Dr. T. Thirumalaiah Institute of Technology
Oorgaam, K. G. F- 563120



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Department of Computer Science and Engineering

3 days National Level Workshop on
“Overview of Machine Learning & Artificial Intelligence”

Event Date and Title	:	11 th -13 th November 2020, 3 days National Level Workshop on “Overview of Machine Learning & Artificial Intelligence”
Speaker(s) at the Event	:	Chief Guest: Dr. N.Nalini Chair person CSI-Bangalore Chapter Session Speaker1: Dr Andhe Dharani, Professor & Director Dept. Of MCA, RV College of Engineering Bangalore. Session Speaker 2: Dr VijayaLakshmi N M Associate Professor, Dept. Of MCA, RV College of Engineering Bangalore.
Number of Participants	:	79
Google Meet Link - https://meet.google.com/qyd-qets-hva		
Gist of the Event (Few sentences regarding technical contents of the event) Day 1: Introduction to Machine Learning, Applications of Machine Learning Day2: Different types of Machine learning & various algorithm. Day3: Introduction to AI		

S. S. S. S.
PRINCIPAL
Dr. T. Thimmaiah Institute of Technology
Oorgaum, K. G. F- 563120

About Dr. TTIT, K.G.F

Dr. T. Thimmaiah Institute of Technology (Formerly Known as Golden Valley Institute of Technology - GVIT) was started in the year 1986 at Kolar Gold Fields by Dr. T. Thimmaiah, Ph. D., (London), IAS (Retired), as the founder President under the aegis of Golden Valley Educational Trust, with the sole purpose of imparting a quality technical education in rural sector of Kolar District. Dr. T. Thimmaiah Institute of Technology is affiliated to Visvesvaraya Technological University (VTU), in Karnataka & First Engineering College in Kolar District. Dr. TTIT is approved by the All India Council for Technical Education (AICTE) and at present offers Degree Courses in Engineering, Management and Post Graduation. Today, Dr. TTIT is under the able administration of Dr. T Venkat Vardhan, the Managing Director of India's No.1 Events Company DNA Entertainment Networks Private Limited, which is headquartered in Bangalore. Born and educated between Kolar Gold Fields and Bangalore, a mechanical engineer from UNCE, he is responsible for single-handedly redefining and landscaping presentation of Mega Live Entertainment and Sports Events in India. Since its inception for well over two decades

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Chief Patrons: Dr. Venkat Vardhan
President, Golden Valley Educational Trust

Patron:

Dr. Syed Ariff, Principal
Dr. H. G. Shetty, Vice-Principal
Umanil Divakaran, Dean

Convenor:

Dr. S. Sreedhar Kumar, Prof & Head
Dept. of CSE., Dr. TTIT

Workshop Coordinators:

Prof Manjunath Singh, Asst Prof. CSE
Prof Leelavathy SR, Assoc Prof. CSE

Keynote speaker :

Dr. N Nalani
Chair Person, CSI, Bangalore Chapter

Invited Speakers:

Dr. Andhe Dharani
Prof & Director Dept MCA RV College Bangalore

Dr Vijaya Lakshmi
Associate Prof Dept MCA, RV College Bangalore



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Oorgaum Post, K. G. F-563120

3 Days National level Workshop On

"Overview of Machine Learning and Artificial Intelligence"
10th to 12th Nov 2020

Organized By
Department of Computer Science Engineering
in Association with
Dr TTIT CSI Students Chapter & Institution Innovation Cell



Objectives of the Workshop:

To introduce students to the basic concepts and techniques of Machine Learning.

To develop skills of using recent machine learning software for solving practical problems.

To gain experience of doing independent study and research.

Workshop outcomes:

At the end of workshop participants will be able to:

Conceptualization & summarization

Machine learning techniques

Scaling up machine learning

Registration link:

ADDRESS FOR COMMUNICATION

Prof. Manjunath Singh.H
Assistant Prof. CSE
Dr. TTIT.KGF
manjunathsingh@drtitit.edu.in

Prof Leelavathy SR
Associate Prof. CSE
Dr. TTIT.KGF
leela@drtitit.edu.in

Prof Sophia
Assistant Prof. CSE
Dr. TTIT.KGF
sophia@drtitit.edu.in

ORGANISING COMMITTEE

Dr. Charan.KY
Prof. Vinutha.B.A
Prof. Punitha.F
Prof. Premalatha.D
Prof. Thara.Devi
Prof. Sharmila.Kumari.N
Prof. Shalini.G
Prof. Nisha.Bai.M
Prof. Santhosh.Kumari.Y
Prof. Sudha.V.
Prof. Revathi.S
Prof. Hamsalatha.J
Prof. Mercy Flora.Presthitha

TECHNICAL SUPPORT

Mrs. Maanvishi.V
Mr. Jaya.Prakash

Contact: +9611785696

+9480012017

+8861382665

PRINCIPAL

Dr. T. Thimmaiah Institute of Technology
Oorgaum, K. G. F- 563120

Photograph of the event : Webinar Poster/Brochure



Dr.T.Thimmaiah Institute of Technology

Dargaum, K. G. F, Karnataka-563120
(Affiliated to VTU,Belgavi,Approved by AICTE-New Delhi ,ISO 21001:2018 Certified)




Chief Patron
Dr. T.Venkat Vardhan
President of GVET

Principal
Dr.Syed Ariff

Vice Principal
Dr. H G Shenoy
Professor & Head, Dept. of Mech.

Dean Academic
Prof. Ruckmani Divakaran

Convenor
Dr. S.Sreedhar Kumar
Professor & Head, Dept. of CSE.

Co-ordinator's
Prof. Manjunath Singh H
Prof. Leelavathy. S.R
Prof. Sophia. S
Dept. of CSE.

Department of
Computer Science & Engineering

INVITATION

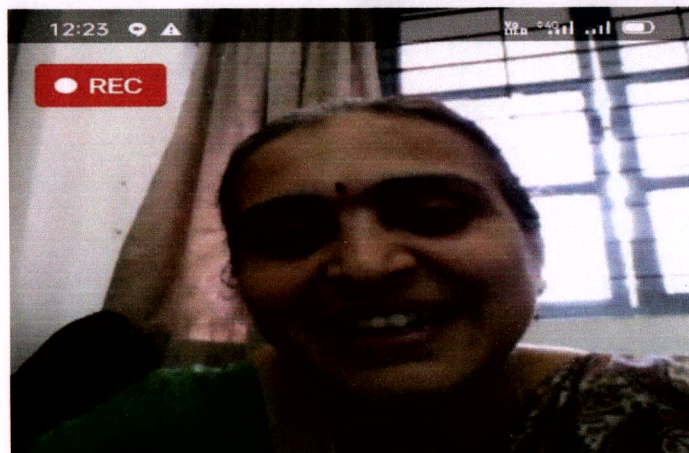
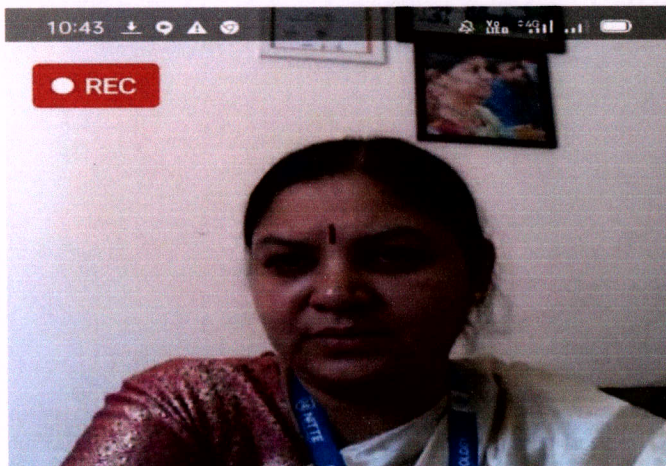
We cordially invite you to the 3 days National level Workshop
On
"Overview of Machine Learning and Artificial Intelligence"
11th to 13th NOV 2020

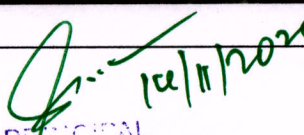
Dr.TTIT CSI Students Branch & Institution Innovation Cell

<p>Chief Guest</p>  <p>Dr.N.Nalini Chair person CSI, Bangalore</p>	<p>Invited Speaker</p>  <p>Dr. Andhe Dharani Prof & Director, RV College of Engg, Bangalore</p>	<p>Invited Speaker</p>  <p>Dr.VIJAYALAKSHMI.M. N Associate Professor , RV College of Engg, Bangalore</p>
---	--	---

Organizing Committee
Dr. Charan.KV
Prof.Vinutha.B.A
Prof.Punitha F
Prof. Premalatha D
Prof. Tharadevi M
Prof. Sharmilakumari.N
Prof. Shalini.G
Prof.Nisha Bai.M
Prof.Santhoshkumari.Y
Prof.Sudha.V
Prof. Mercy Flora Prithiba. A
Prof. Hamsalatha.J
Prof.Revathi.S

Through Virtual Platform.....
Time: 10.00 am




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Dr.T.THIMMAIAH INSTITUTE OF TECHNOLOGY
Oorgaum, Kolar Gold Fields, Karnataka – 563120
(Affiliated to VTU, Belgaum, Approved by AICTE - New Delhi)

Department of Civil Engineering

**Workshop on
“CIVIL ENGINEERING ASPECTS”**

Event Date and Title	:	22th -24 th OCT 2020 “CIVIL ENGINEERING ASPECTS
Speaker(s) at the Event	:	Resourse person: 1.Mr.Prashanth Sunagar Assistant Professor Department of Civil Engineering Ramaiah Institute of Technology , Bangalore 2.Mrs.Nruthya Kisshore Assistant Professor Department of Civil Engineering, Ramaiah Institute of Technology, Bangalore 3.Mr.Manish S Dharek Research Scholar Department of Civil Engineering BMSCE ,Bangalore
Number of Participants	:	48
Google Meet Link - https://forms.gle/39HkbXqsXPh8vhJaA		
Gist of the Event (Few sentences regarding technical contents of the event) Day -1: 10.30am onwards “ Sustainability concepts in the design of tall structures: current trends and future prospects” Day -2: Applications of flow duration curves in water resources and environmental engineering. Day -3: self-compacting concrete		





25/10/2020
PRINCIPAL
Dr. T. Thimmaiah Institute of Technology
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Dr.T.THIMMAIAH INSTITUTE OF TECHNOLOGY
Oorgaum, Kolar Gold Fields, Karnataka – 563120
(Affiliated to VTU, Belgaum, Approved by AICTE - New Delhi)

Department of Electronics and Communication Engineering

5 days Virtual FDP/STTP on “5G Protocol Stack Design and Implementation”

Event Date and Title	:	24 th to 28 th August 2020, 5 days Virtual FDP/STTP on “5G Protocol Stack Design and Implementation”		
Speaker(s) at the Event	:	<table border="1"><tr><td>Resource Person Mr. Sreeram, B. Tech (ECE), M. Tech (CSE) Founder, 5G/6G Research, iSignal Research Labs</td><td></td></tr></table> <p>Timing: @11:00 AM to 4:15 PM</p>	Resource Person Mr. Sreeram, B. Tech (ECE), M. Tech (CSE) Founder, 5G/6G Research, iSignal Research Labs	
Resource Person Mr. Sreeram, B. Tech (ECE), M. Tech (CSE) Founder, 5G/6G Research, iSignal Research Labs				
Number of Participants	:	60		
Google Meet Link – 24/8/21: https://meet.google.com/tfr-hfiy-fxi 25/8/21 : https://meet.google.com/eok-wozj-tts https://meet.google.com/fms-jits-emy Feedback Links: Session 1: https://forms.gle/vdcsGfNPtnpSbgvv9 Session 2: https://forms.gle/aAp78UWc2thhWk1cA Session 3: https://forms.gle/aAp78UWc2thhWk1cA Session 4: https://forms.gle/f7726MKB1PE5yvPs7 Session 5: : https://forms.gle/9KWbSmrsvDV6w58o8 Gist of the Event (Few sentences regarding technical contents of the event) <ul style="list-style-type: none">• . Discussed the 4G Protocol Stack – 3gpp Standard View• Followed by 5G Protocol Stack -3gpp Standard View• In depth explained role of the C and C++ for Wireless Protocol Stack design.• Design UE and eNB Practical hands-on using Linux Platform				

30/08/2020
PROVISED

Dr. T. Thimmaiah Institute of Technology
Oorgaum, K. G. F- 563120

FDP Brochure

STTP: "5G Protocol Stack Design and Implementation"		
DAY-1 Schedule	Date	Time
4G Protocol Stack - 3gpp Standards View - Part 1	24th Aug 2020	11:00 AM to 12:00PM
4G Protocol Stack - 3gpp Standards View - Part 2		2:00 PM to 3:00PM
DAY-2 Schedule:		
5G Protocol Stack - 3gpp Standards View - Part 1	25th Aug 2020	10.30AM-12.30AM
5G Protocol Stack - 3gpp Standards View - Part 1		
DAY-3 Schedule:		
Role of C and C++ in Wireless Protocol Stack Design	26th Aug 2020	10.30AM-12.30AM
4G/5G PS Base Station Software Design with C++ - Part 1		
DAY-4 Schedule:		
4G/5G Base Station PS Software Design with C++ - Part 2	27th Aug 2020	10.30AM-12.30AM
4G/5G UE PS Software Design with C++ - Part 1		
DAY-5 Schedule:		
UE and eNB Practical Hands-on Linux Platform - Part 1	28th Aug 2020	3:00 PM to 4:00PM
UE and eNB Practical Hands-on Linux Platform - Part 2		

Chief Patron
Dr. T. Venkat Vardhan, President, GVET

Patron
Mr. Rahoul Kengal Vardhan, Vice President, GVET

Organising chairs:
1. Dr. Syed Ariff, Principal, Dr. TTIT
2. Dr. H. G. Shenoy, Vice Principal, Dr. TTIT

Convener
Prof. Ruckmani Divakaran, Dean Administration and HoD/ECE

Coordinator
Dr. K. M. Palaniswamy, Professor, ECE Dept.

Co Coordinators
Mr. Shashi Kiran S, Asst Prof
Mrs. Nandini G N, Asst Prof

Organising committee
Mrs. Vijaya Bharthi M, Associate Professor
Mrs. Jenitha A, Associate Professor
Mrs. Inbalatha K, Associate Professor
Mrs. R. Vijaya Geetha, Associate Professor
Dr. Bhuvanendhiran, T. Associate Professor
Mr. Rajesh Kumar Kaushal, Asst Prof
Mrs. Kanimozhi S, Asst Prof
Mr. Srinivas Babu N, Asst Prof
Mr. Shashi Kiran S, Asst Prof
Mrs. Manjushree K Chavan, Asst Prof
Ms. Tamil Vani R, Asst Prof
Ms. Mohana C, Asst Prof
Mrs. Nandini G N, Asst Prof
Mr. Jesudas J, Asst Prof

For Contact
Dr. K. M. Palaniswamy-7010683935
Mr. Shashikiran-9945616131
Mrs Nandhini-9035392856



Dr. T. THIMMAIAH INSTITUTE OF TECHNOLOGY
Oorgaum, Kolar Gold Field, Karnataka - 563120
(Affiliated to VTU, Belgaum, Approved by AICTE - New Delhi)
ISO-21001:2018 certified

Five Days FDP/STTP
on
5G Protocol Stack Design and Implementation
from
24th to 28th August 2020
organised by

Department of Electronics & Communication Engineering.
&
iSignal Research Labs
Address; #389, 1st Floor,
2nd Main, 3rd Cross, Aswath
Nagar,
Marathahalli Bridge Stop,
Bangalore - 560037.

web: <https://isignalresearch.com/>

Resource Person
Mr. Sreeram, B.Tech (ECE), M.Tech (CSE)
Designation:
Founder, 5G/6G Research, iSignal Research Labs



About the Institute
Dr. T. Thimmaiah Institute of Technology (Formerly Known as Golden Valley Institute of Technology - GVIT) was started in the year 1986 at Kolar Gold Fields by Dr. T. Thimmaiah, Ph.D (London), IAS (Retired), as the founder President under the aegis of Golden Valley Educational Trust, with the sole purpose of imparting quality technical education. Dr. T. Thimmaiah Institute of Technology is affiliated to Visvesvaraya Technological University (VTU) - Belagavi, Karnataka and is approved by the All India Council for Technical Education (AICTE) - New Delhi, and at present offers Degree Courses in Engineering as given below. It has under graduate courses like BE Engineering in Mechanical, Electrical & Electronics, Mining, Electronics and communication, Civil & Computer science, PG Course ME-PG in Machine Design and Research centers in Electronics and communication, Computer science, Mechanical, civil, Mining and Electrical departments.

The College has made MoU with TATA Consultancy Services, CISCO Networking Academy, Red Hat Academy, BEML, KGF, iSignal Research Labs Bangalore, Neitalla Innovations Ltd and NIRM Ltd, KGF

About the Department
The Department of Electronics and Communication Engineering was started in the year 1993 with the idea of equipping young people with the necessary technical knowledge and professional skills needed to address the challenges in the rapidly growing field of Electronics and Communication Engineering and promoting research in this area headed by Prof. Ruckmani Divakaran.

ECE department is a dynamic and vibrant department with highly qualified, experienced and dedicated faculty members. The department meets the growing requirement of practical design engineers in the country and abroad. The curriculum in Electronics and Communication Engineering lays greater emphasis on design principles and development of Communication models,

Signal Processing, Image processing, Embedded Systems and VLSI, have succeeded in establishing the highest standards of The young, dynamic and dedicated Staff members, coaching the students and to equip them to face the future with confidence. The Department is also successful in achieving VTU ranks.

The Department has made MoU with iSignal Research Labs Bangalore and also has inaugurated IETE Department and Students Chapter. The department has become the Research centre under VTU.

Vision
Graduates to be recognized in the field of Electronics and Communication Engineering ensuring academic excellence with innovative technical skills and professional ethics.

Mission
1. Imparting qualitative education through Innovative teaching learning process.
2. Active association with industry to meet the growing challenges in the Society.
3. Develop overall competency with professional ethics by providing training.

About the Resource Person
Founder of iSignal Research Labs, Mr. Sreeram with 15 years of Industrial work experience in Cellular Air Interface Technologies for various projects like OAM, Configurations, 4G Protocol Stack implementation for Samsung, L & T Technologies, Infosys, 3G Network Solutions, Rohde & Schwarz for Intel UEs, worked for Mediatek chipsets in 3G WCDMA and 4G LTE and Core network for Nortel Client. He is the Active member of various IEEE societies of Bangalore Chapter, IEEE ComSoc, Signal Processing Society, Vehicular Technology Society and so on. He attended and conducted various IEEE events in the past in Bangalore. He has conducted several Guest Lectures, Invited Tech Talks, Workshops, Seminars and Webinars in the past. Currently he is

in Next Generation 5G/6G Air Interface Research and Development of Proof of Concepts, along with activities like career enablement, Trainings, Lab Setups and involved in on demand Projects and dedicated to support academia from industry stand point. This workshop allows the participants to explore the Design skill and implementation techniques in 5G Mobile standards.

Pre-requisites: Wireless Fundamentals & System Design

Registration Form
(The Participants can fill online Registration Form using the link given below)
Registration Fees: Rs 200/-

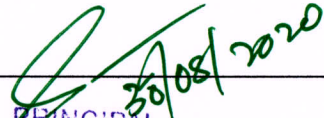
Registration Link:
<https://forms.gle/UdD2BUrs5xtORBjMR>

Payment Details

Dr. T. Thimmaiah Institute of Technology
A/C No: 1655102000000781
IDBI Bank
Bangarpet Branch
IFSC/NEFT No: IBKL0001655

Whats App Link:
<https://chat.whatsapp.com/FNEUwyXO36m8S1uB4HXIh6>

Note 1: The Online Transaction Details have to be added to Online Registration Form.
Note 2: The Participants should join in Whats App Group for early communication.


 PRINCIPAL
 Dr. T. Thimmaiah Institute of Technology
 Oorgaum, Kolar Gold Field, Karnataka - 563120

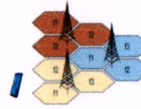
FDP Agenda



5G: Protocol Stack Design and Implementation

FDP Agenda

Sreeram, B.Tech (EC), M.Tech (CS)
 Founder, 5G/6G-Research
 iSignal Research Labs Pvt. Ltd, Bengaluru
 Member IEEE, ComSoc, SPS, VTS.
www.isignalresearch.com
 For External Trainings, Please contact
 ph: 7829450444, 9742930506



Quote of the Day:
 No Milestone is ever achieved without Welcoming Criticism



Agenda Overview

4G Protocol Stack - 3gpp Standards View – Day1 – Part 1

- Wireless Generations: Until 4G
- 3gpp Standards and 4G QoS Requirements
- LTE Architecture and Protocol Stack – C-Plane and U-Plane
- Understanding LTE Service: NAS Attach Call Flow
- Hands-on Attach Call Flow with Wireshark Tool

4G Protocol Stack - 3gpp Standards View – Day1 Part 2

- UE and eNB Protocol Stack
- Signals, Channels, LTE Channel Mapping
- L2, L3 Layer functions
- PHY – Resource Block, DCI, PDCCH, PDSCH
- RLC functionality in deep

5G Protocol Stack - 3gpp Standards View – Day2 – Part 1

- 5G Use Cases: eMBB, MTC, URLLC
- 3gpp Standards and 5G QoS Requirements
- 5G Deployment Options
- 5G Architecture and Interface Components
- 5G NSA, EN-DC Stack

Agenda Overview

5G Protocol Stack - 3gpp Standards View – Day2 – Part 2

- UE and gNB Protocol Stack
- NR Signals, Channels, Channel Mapping
- PHY: Numerology, SSB, BWP, Corset, DCI Formats
- MAC, RLC, PDCP, SDAP functions

Role of C and C++ for Wireless Protocol Stack Design – Day3 – Part 1

- C Programming Essentials, Advanced Data Structures
- C++ Programming, OOPS, STL, Exception handling
- Linux, multithreading IPC – Message Queues, Semaphores, Mutexes

4G PS Base Station Software Design with C++ - Day3 – Part2

- eNB PS Design Overview
- Scheduler Design Glimpse
- RRC Messages and Configurations - Example

5G Base Station PS Software Design with C++ - Day4 – Part 1

- TX and RX Design - PDU, SDU, Segmentation – one Layer
- Primitives, State Transition of RLC
- One TX - Path Design
- One RX – Path Design

Agenda overview

5G UE PS Software Design with C++ - Day4 – Part 2

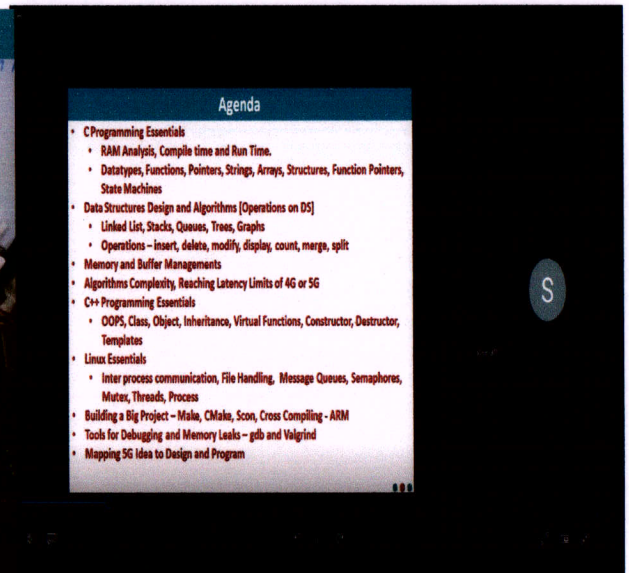
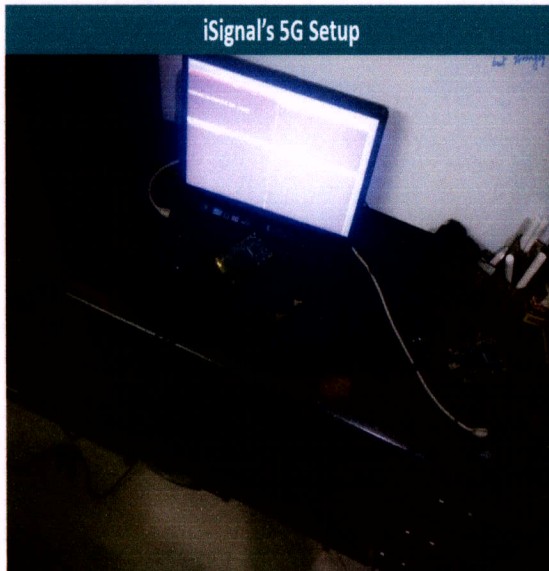
- UE Software Design Overview
- Interfaces, Entities
- SAPs – Messages, and C Messages Structures Examples
- Ports, Timer handling, Error Handling
- Logging Debug Levels, Exception Handling

UE and eNB Practical Hands-on Linux Platform – Day5 – Part1

- Code Flow Overview – UE, RLC [C++, Linux]
- Code Flow Overview – eNB, RLC [C++, Linux]
- Tool for Code Browsing – Source Insight
- Hardware Environment understanding

UE and eNB Practical Hands-on Linux Platform - Day5 – Part2

- Configurations of UE
- Configurations of eNB
- Configurations of MME
- Demo of PDSCH
- Demo of RLC
- Demo on CA, Scheduler testing
- Demo of eNB + EPC



S. Sreeram
 25/01/2020
 PRINCIPAL
 Dr. T. Thimmaiah Institute of Technology
 Ootgaum, K. G. F. - 588120



Dr.T.THIMMAIAH INSTITUTE OF TECHNOLOGY
Oorgaum, Kolar Gold Fields, Karnataka – 563120
(Affiliated to VTU, Belgaum, Approved by AICTE - New Delhi)

Department of Computer Science and Engineering

Four Days Webinar on “ Emerging Trends in IT Industry”

Event Date and Title	:	3 rd ,4 th ,5 th and 6 th August 2020 Four Days Webinar on “ Emerging Trends in IT Industry”
Speaker(s) at the Event	:	Session Speaker 1: Dr. Natarajan K Asst. Professor, CSE School of Engineering & Technology, Christ(Deemed to be University) Bangalore Session Speaker 2: Mr. Babu V Deputy Director/Principal NSTI, Indore Session Speaker 3: Dr. Kempanna M Asst. Professor, CSE BIT, Bangalore Session Speaker 4: Mrs. Bhuvaneshwari V OA Manager Virtusa Technologies, Chennai
Number of Participants	:	108
Registration link	:	https://forms.gle/nFBHnYvGZtYgfojw5
Online Platform	:	Google meet
Gist of the Event (Few sentences regarding technical contents of the event) Day1: Importance of Cyber Security Threats and Vulnerabilities Day2: Soft Skills Day3: Trends in IOT Innovation Day4: Software Accessibility Testing		

07/08/2020
Dr. T. Thimmaiah Institute of Technology
Oorgaum, K. G. F- 563120

Webinar Invitation:

Dr.T.Thimmaiah Institute of Technology

Bargaum, K. G. F., Karnataka - 563120



Department Of Computer Science And Engineering.

**4th National Level Four Days Webinar On,
“Emerging Trends in IT
Industry”.**

Dates: 3,4,5 and 6 August 2020

Speaker of the day 1, 10:30 to 11:30 am.

Dr. Natarajan K., Assistant Professor, CSE,
School of Engineering & Technology CHRIST (Deemed to be University), Bangalore



Topic: Cyber Security Threats And Vulnerabilities.



Speaker of the day 2, 10:30 to 11:30 am.

Mr. Babu V., Deputy director/Principal, NSTI Indore,
Govt. of India, MDSE DGT (having more than 26 years of experience,
Received Koushtilya Acharya National award in 2019)

Topic: Soft Skills.

Speaker of the day 3, 10:30 to 11:30 am.

Dr. Kempanna M., Assistant Professor, CSE,
BIT Bangalore, Karnataka



Topic: Trends in IoT Innovation.



Speaker of the day 4, 10:30 to 11:30 am.

Mrs. Bhuvaneshwari V., QA Manager, Virtusa technologies,
Chennai

Topic: Software Accessibility Testing.

For Registration:

Link: <https://forms.gle/nFBHnYvGZtYgfojw5>

Coordinators:

Vinutha B A, Asst. Prof.
Shalini G, Asst. Prof.
Hamsalatha, Asst. Prof.

With Best Regards

Dr. S. Sreedhar Kumar,
Prof and Head of CSE,
Dr. TTIT, KGF

S. Sreedhar Kumar
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Bargaum, K. G. F. - 563120