



Dr.T. THIMMAIAH INSTITUTE OF TECHNOLOGY

(Estd. 1986) Oorgaum, Kolar Gold Fields, Karnataka – 563120

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

INDEX

2.3.1 STUDENT CENTRIC METHODS

Sl No	Year	Methods	Page number
1	2016-17	Industrial Visit	3
2		Workshop	3
3		Guest Lecture	4
4		Best paper Award	5
1	2017-18	Workshop	6
2		Industrial Visit	6
3		Guest Lecture	7
4		KSCST sanctioned letter	7
1	2018-19	Industrial Visit	8
2		Guest Lecture	8
3		Workshop	9
4		Students Achievements	10
5		Best paper Award	10
6		Internship	11
7		Project Expo	12
1	2019-20	KSCST sanctioned letter	13
2		Best paper Award	13
3		Project Expo	14
4		Workshop	15
5		Industrial Visit	15
6		Internship	16



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1	2020-21	KSCST sanctioned letter	18
2		Best paper award	18
3		Project Exhibition	18
4		Workshop	19
5		Guest Lecture	20
6		Internship	21
7		Problem Solving Methodology	22


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2016-2017 STUDENT CENTRIC METHODS

1. Industrial Visit

Students of 5th Semester Electrical & Electronics Engineering visited the Solar Power Plant installation at Avani Kolar on 23rd September 2016. The students also visited the historical temple nearby. The visit was organized by Mrs. Dhanalakshmi V Asst. Professor, Miss Veena Asst. Professor and Mrs. Sridevi. A, Asst. Professor EEE Dept., along with the lab instructor, Mr. Rajakumar, accompanied the students.



Students and staff during the visit to Solar Power Installation

2. Workshop

The Final Year Mining Engineering students of our college attended State Level CME on Air Quality: Measures & Respiratory Health Effects on 27th August 2016, at Sri Devaraj Urs Medical College, Tamaka, Kolar. The workshop was organized by the Department of Physiology, SDUMC, in association with APPI Bangalore Chapter and sponsored by MERT, Karnataka. This was an opportunity for the mining students to better understand the impact of dust on a miner's health. Dr. Sankar Sambandam PhD., Associate Professor & HOD of Environmental Toxicology, Sri Ramachandra University, Porur, delivered a talk on "Exposure Assessment Strategies for particulate matter Measurements: Implications For Health Linkages". Dr. Padmavathi, Professor and HOD Dept. of Physiology, Sri Ramachandra University, Porur, spoke on "Exposure to Particulate Matter and Respiratory Health: SRU Case Studies". Mr. Debasis Chatterjee, Assistant Director, National Institute of Miner's Health, KGF,



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demonstrated various tools and techniques for Air Quality measurement. Around 25 students from final year Mining from our college participated in the workshop, co-ordinated by Dr. H.G.Shenoy, Department of Mechanical Engineering.



Students with the speakers of CME

3. Guest Lecture

A Guest Lecture was delivered by Mr. Mohan Lal Singh, Deputy Manager, M/s. Fanuc India, on the topic “Industrial Robotics” on 6th August 2016 for the students of Mechanical Department, followed by a lecture by Mr. Manjunath.S, Manager – Technical Architect, M/s. Continental Automotives on the topic “Geometric Dimensioning & Tolerances” The Programme was organized by Mr. Manjunatha Babu. N. S, Asst. Prof., Department of Mechanical Engineering.



Participants with the speakers at Industrial Robotics workshop



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4. Best paper Award

Best Paper awarded to ECE Students

- Best paper award for the paper titled "GTP based partial face recognition " in the national conference on emerging trends in VLSI . Embedded and networking (NC_EVEN 2017) held at Brindavan College of Engineering . Bangalore on 11th May 2017 by Vidya Shree V. Swathi. Sowmiya and Supriya under the guidance of Mrs Vijayalakshmi G V. Associate Professor.



Students with President, Principal and Guide



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2017-2018 STUDENT CENTRIC METHODS

1. Workshop

IoT(a trending technology that the world is focusing on):

- A Three-day workshop was conducted on “Internet of Things” from 19th to 21st March 2018. With theory followed by Hands – on sessions. The workshop concluded with a competition.



Valedictory function of IoT Workshop

2. Industrial Visit

A one day industrial visit to “HMT Machine tools centre” Bangalore was organized on 6th September 2017 for 5th sem students. Dr. Narasimha C and Mr. Iqubal pasha have joined the visit. Students had practical insights about Heavy duty lathes, radial drilling machines, CNC turn mill centre and heat treatment section which helped the students to gain the practical exposure of their foundry theory subject.



Students and staff during the visit to HMT Machine Tools Centre in Bangalore



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3. Guest Lecture

A guest lecture on “finite Element Method and Structural Analysis” was delivered by Mr. Rajasekhar T from TATA ELXI on 13th October 2017



Guest lecture delivered by Mr. Rajasekhar T

4. KSCST sanctioned letter

The project of final year student of Electronics and Communication Engineering has approved for KSCST student project programme-43th series.

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY Indian Institute of Science, Bangalore - 560012

41st SERIES OF STUDENT PROJECTS PROGRAMME: 2017-2018

LIST OF PROJECT REPORTS AND CD NOT RECEIVED BY KSCST

30. Dr. T. THIMMAIAH INSTITUTE OF TECHNOLOGY, KOLAR

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	DEGREE	NAME OF THE GUIDE	NAME OF THE TEAM LEADER	TOTAL (in Rs.)	RECEIPT OF REPORT (HARDCOPY AND SOFTCOPY)
30	41'S_BE_1180	IOT BASED LPG GAS DETECTION AND EMERGENCY RESPONSE SYSTEM USING AVR MICROCONTROLLER AND GSM MODULE	ELECTRONICS AND COMMUNICATION ENGINEERING	BE	Mr. PRASANNA BALASUBRAMANYAM S	Ms. AISHWARYA R	6000.00	NOT RECEIVED

Note:

- If the students were unable to carry out the project, you are requested to return the sponsored amount in the form of a Cheque favoring 'The Secretary, KSCST' payable at Bangalore. Please include the Title of the Project and Proposal Reference Number in a covering letter while sending the cheque to KSCST
- Project reports submitted with spiral binding will not be accepted

[Signature]
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2018-2019 STUDENT CENTRIC METHODS

1. Industrial Visit

The final year students of Mechanical Engineering visited “Ms. Bill Forge Private Limited, Bangalore” on 3rd April 2019. The students were accompanied by Mr. Sampath. A, Assistant Professor and Mr. Ganesh kumar. P.J, Assistant Professor. The students got exposure on manufacturing industry and stamping process.



2. Guest Lecture

A Guest Lecture Programme was conducted on 3rd April 2019. Mr. Sreeramulu B V, Founder and Architect, iSignal Research Labs, delivered a lecture on “LTE Channels, Channel Mapping and Data Flow” for students of 8th semester organised by Mrs. Manjushree K Chavan. The content of the talk was LTE Protocol Stack Overview, LTE Channels, Channel Mapping and LTE Stack in-depth for Data Flow.



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Mr. Sreeramulu delivering the lecture

3. Workshop

One day workshop was conducted on “Total Station” on 28/03/2019 by Mr. S. Hemanth Reddy Chief Executive and Sir. M.V. Institute of Engineering Skills, Bangalore as a resource person. During the workshop he emphasized on the application of total Station in Mining Engineering Survey, especially on the surface and the sub surface quarry and its applications.



Mr. S. Hemanth Reddy at the workshop along with our faculty members and students



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4. Students Achievements

The students of civil engineering participated in “AARAMBHA-2K19” an Inter College Techno Fest organized by Department of Civil Engineering, Sapthagiri College of Engineering, Bangalore in Association with ICI Student Chapter-Bengaluru center on 24th and 25th April 2019. Mr. Prashanth. P and Mr. Saurav Chettri from 6th semester secured first place in “MODEL MAKING”. Mr. Manjunath. T, Ms. Pallavi. B.S, Ms. Bhavana. S and Mr. Ravikiran. S from 4th semester secured first place in “SURVEY HUNT”. Mr. Mohammed Inayatulla, Mr. Naveen, Mr. Titus Wilson & Mr. Mukul from 4th semester secured first place in “TECH COLLAGE”.



Mr. Prashanth P and Mr. Saurav Chettri during Model Making Event



Ms. Pallavi B S, Ms. Bhavana S, Mr. Manjunath T and Mr. Ravikiran receiving certificates

5. Best Paper Award

Ms Gunashree, Ms Bhumika, Ms Anusha, Ms Aishwarya of 8th semester, Dr. Sheedhar Kumar S, HOD and Mr. Syed Thouheed Ahmed, Assistant Professor, received the best paper award titled “New Approach of Multilevel Clustering for



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replication detection Images” in ICRTEAS – 2019 at Dr.TTIT on 12th and 13th April 2019 .



6. Internship

The final year student Bharath Reddy S, Department of Electronics and Communication had successfully completed one month internship in isolutions




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7. Project Exhibition

Project Exhibition was organized on 8th June 2019. The Exhibition was inaugurated by Mr. Neharu Babu, GM, BEML and Mr. Rajan Babu, Scientist, NIRM who were also the judges for the event. Final Year students exhibited their innovative projects.

Project Exhibition – 2019

Our Final Year students exhibited their innovative projects in the Project Exhibition – 2019 which was held on 8th June 2019. The Exhibition was inaugurated by Mr. Neharu Babu, GM, BEML and Mr. Rajan Babu, Scientist, NIRM who were also the judges for the event.



Inauguration of project exhibition 2019 by Mr. Neharu Babu, Mr. Rajan Babu and Dr. Syed Arif, Principal



EEE students with their project model



Principal, HODs with the judges of project exhibition



ECE students exhibiting their projects



Mechanical students with their model of vacuum cleaner and dryer



Mining Students with their model



Judges evaluating in Computer science department



Civil engineering students demonstrating their project



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2019-2020 STUDENTCENTRICMETHODS

1. KSCST sanctioned letter

The project of final year student of Electronics and Communication Engineering has approved for KSCST student project programme-43th series.

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science campus, Bengaluru – 560 012

Website: <http://www.kscst.iisc.ernet.in/spp.html> || Email: spp@kscst.iisc.ernet.in || Phone: 080-23600978

43rd Series of Student Project Programme: 2019-20

LIST OF STUDENT PROJECT PROPOSALS APPROVED FOR SPONSORSHIP

45) Dr. T. THIMMAIAH INSTITUTE OF TECHNOLOGY, KOLAR

240	43S_BE_2381	LEAK DETECTION IN PIPE NETWORKS USING OPTIMIZATION TECHNIQUES	MECHANICAL ENGINEERING	B E	STREAM A	Mr. BALASUBRAMANIAN S	Ms. S. PRADEEP Ms. SWETHA P Ms. SHYAMILI P M Ms. SANDHYA R	7000
241	43S_BE_2383	IoT BASED AUTOMATIC CONTROL OF SUN TRACKING SOLAR PANEL FOR HIGH POWER GENERATION	ELECTRONICS AND COMMUNICATION ENGINEERING	B E	STREAM A	Prof. RUCKMANI DIVAKARAN	Ms. PRIYA D Ms. PAVITHRA N Ms. RAMYA B Y Ms. DHARSHINI R	5500

Note:

The sanctioned amount will be sent separately by KSCST to the College in the name of the principal by NEFT transfer. The details of transaction no. and date will be intimated.

The evaluation of above projects will be conducted at the nodal centres in the month of May / June 2020. Participation in the evaluation process at the nodal centres is mandatory, failing to which the sanction project will be withdrawn from the list and sanctioned amount shall be returned to KSCST.

Further projects will be shortlisted for state level seminar & exhibition which will be conducted during July / August 2020.

After completion of the projects, the hard copy and soft copy (PDF format only) of the report needs to be sent to KSCST without fail.

Any corrections with respect to the names of the guide and students should be requested at spp@kscst.iisc.ernet.in

2. Best paper award

Ms Pavithra G, Ms Nithya K, Ms Shika k of 8th semester, Ms Tamil Vani R, Ms. Mohana C, Mrs. Kanimozhi S, Assistant Professor, received the best paper award titled “Perceptual image hashing based on texture and color” in ICRTTEAS – 2020 at Dr. TTTT on 24th and 25th July 2020.

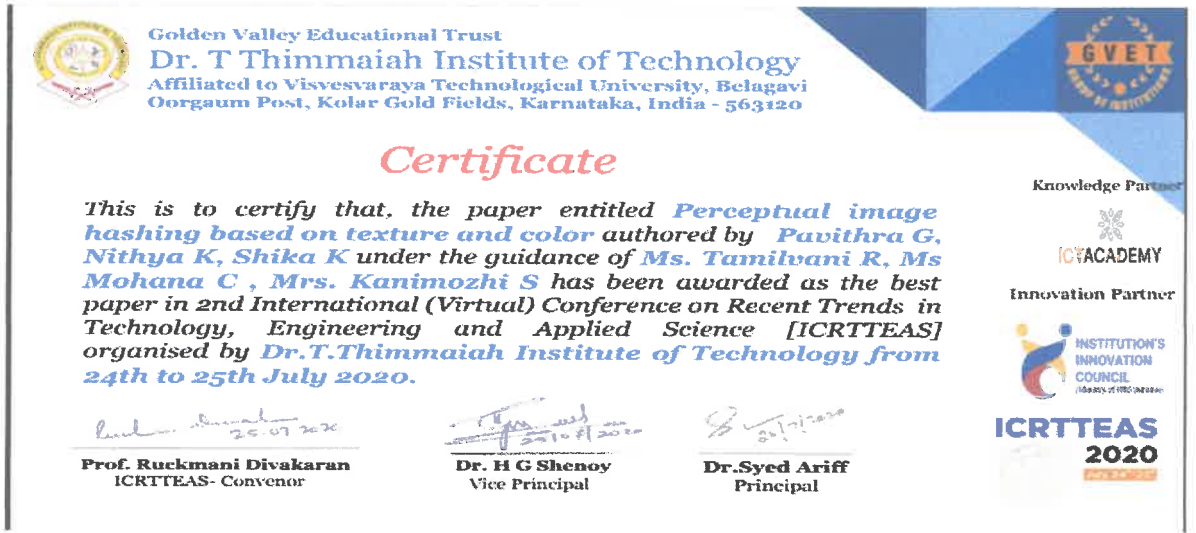

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3. Guest Lecture

Guest lecture conducted on “ Personal development” by Mr. Sunil Joseph,Head – Corporate Social Responsibility, TCS · On October 4th 2018, Experts from TCS addressed the students and staff on Personal development, highlighting about Comfort Vs Knowledge of World Class by Mr. Sunil Joseph, Head – Corporate Social Responsibility, TCS. · A lecture on Industries expectation from Engineers with respect to technical skills, behavior and attitude by Mr. Sreenivas Ramanujam, Head – Academics, TCS for the First Year students.



Guest Lectures by TCS Experts

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4. Workshop

Two days National Level workshop on “Bridge Design, Quality Control and Project Management in Civil Engineering” was conducted on 13th and 14th November 2018 for 3rd, 5th and 7th semester students by Dr.Mahadev Achar M who is leading Vinaxo Structure India Private Limited , Prof. Seshappa R N , DGM ,LSK Projects Private Limited.



Students with Dr. H .G Shenoy, Vice Principal, Prof. Seshappa R N and Prof. Maneela, HOD during National Level workshop

5. Industrial Visit

The 5th sem students with faculty member Mr. Praveen, Assistant Professor and Mr. AnujKumar, Assistant Professor along of Civil Engineering visited DMS Conmix RMC plant near Narasapur on 27th October 2018.



Students at DMS Conmix RMC plant, Narasapur



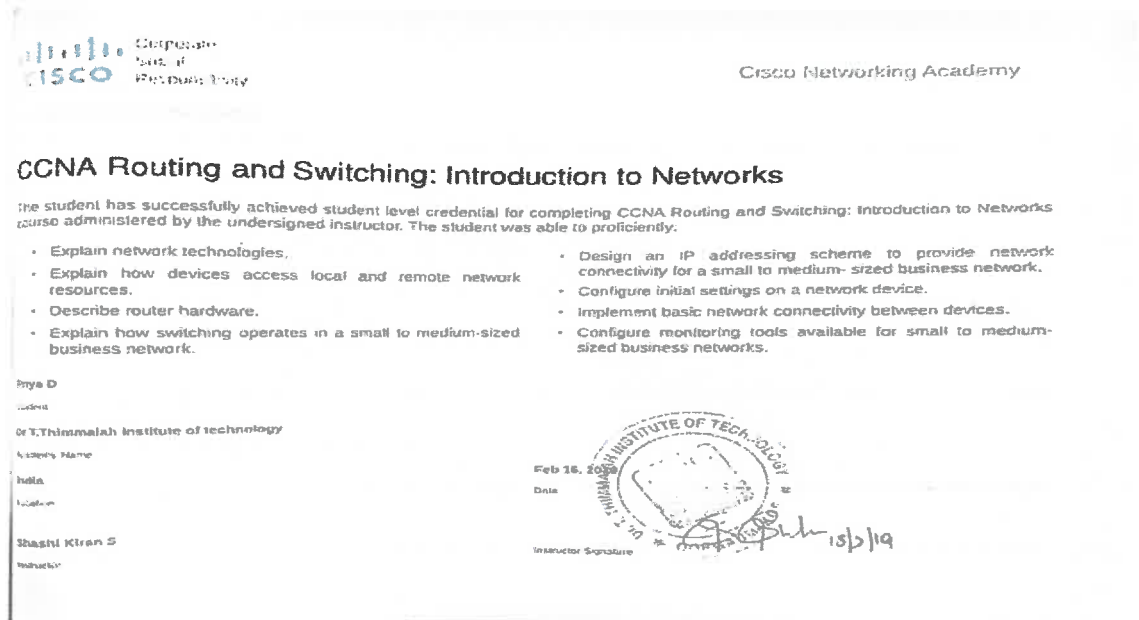
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6. Internship

The final year student Priya D, Department of Electronics and Communication has successfully completed one month internship in CISCO.



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2020-21 STUDENT CENTRIC METHODS

1. KSCST sanctioned letter

The project of final year student of Electronics and Communication Engineering has approved for KSCST student project programme-44th series.



Karnataka State Council for Science and Technology

(An autonomous organisation under the Dept. of Science & Technology, Govt. of Karnataka)
Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652 23348848 23348849 23348840

Email: office.kscst@isc.ac.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in www.kscst.org.in

Mr. H. Hemanth Kumar
Executive Secretary

22nd April 2021

Ref: 7.1.01/SPP/10

The Principal
Dr. T. Thimmaiah Institute of Technology
Dr. T. Thimmaiah Road Oorgaum Band Line Colony
Nethaji Nagar Kolar Gold Fields
Karnataka - 563 120

Dear Sir/Madam,

Sub : Sanction of Student Project - 44th Series: Year 2020-2021

Your Project Proposal Reference No. : **44S_BE_2954**

Ref : Your Project Proposal entitled " **AN EFFICIENT IOT BASED COVID-19 MONITORING SYSTEM USING CNN CLASSIFIER**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 44th Series" with a budgetary break-up as detailed below:

Student / s	Particulars	Budget	
		Particulars	Amount (Rs.)
Ms. Priyanka.D Ms. Priyanka.S Ms. Chandrakala.V Ms. Vinutha.S	Materials/Consumables		4,500.00
	Labour		-
	Travel		-
	Miscellaneous		-
Guide/s	Mrs. Kanimozhi.S		-
Department	Electronics And Communication Engineering	Report	500.00
		Total	5,000.00
FIVE THOUSAND RUPEES ONLY			


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2. Best paper award

Prof. Tamil Vani R, Assistant Professor, and Ms. Nikhila Patil, Ms Tabbassum F, Ms. Umera Parveen and Mr. Venkatesh A Students of Electronics and communication Department had received the best paper award titled “ Design a Millimeter with an array of microstrip patch antenna for 5G Application” in ICRTEAS – 2021 at Dr. TTIT on 19th and 20th July 2021 .



3. Project Exhibition – 1st price Certificate

Mr.Nishank Swamy Students of Department of Computer science Engineering, AMC Engineering College had received the first prize award titled “Automated Oven” in Dr. TTIT Virtual Expo– 2021 at Dr. TTIT on 4th August 2021


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Golden Valley Educational Trust

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Affiliated to Vivekananda Technological University, Belgaum
Oorgaum Post KGF 563120



Certificate of Achievement

This is to Certify, that

Nishank Swamy D

of AMC Engineering College from the Department of Computer Science Engineering has participated in the "Dr. TTIT Virtual Expo - 2021" organized by Dr. T. Thimmaiah Research & Innovation Council in association with Institution's Innovation Council, Dr TTIT, K.G.F held on 04th August 2021 & was awarded the "First Prize" for their Project Titled "Automated Oven".


Prof. Ruckmani Divakaran
Dean - Academics


Dr. H. G. Shenoy
President IIC & Vice-Principal


Dr. Syed Ariff
Principal

4. Workshop

Department of Training and Placements, in association with 5AM CAREER STUDIO conducted a 3 days' Workshop on "Enhancing Soft Skills" from 11.03.2020 to 13.03.2020 at Industry Institute Interaction Centre, Heritage Block, Dr. TTIT. Ms. Vijaya Ramaswamy and Ms. Pinkie Hirani were the session trainers.




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5. Guest Lecture



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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/pFKVkJHQ5JFG7Z5m6
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		





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6. Internship

The final year student, Department of Civil Engineering had successfully completed one month internship in KPWD.



**GOVERNMENT OF KARNATAKA
PUBLIC WORKS DEPARTMENT**
(<http://www.kpwd.gov.in>)

TO WHOMSOEVER IT MAY CONCERN

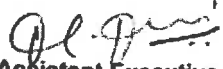
^

This is to Certify that Ms.CHANDANA.Y.H (1GV16CV007) pursuing B.E-Civil Engineering from Dr. T.Thimmalah Institute of Technology, K.G.F, Has Successfully Completed from 20.03.2021 to 09.04.2021 Internship Programme at public works department, sub division Bangarpet.

During Period of her internship Programme with us she was found punctual hard working and inquisitive.

We wish her all success in her professional career.

Dated: 16.04.2021


Assistant Executive Engineer
PWD, Sub-Division
Bangarpet



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Problem Solving Methodology

The 7th sem student Sneha M was selected to give flip class on the topic UJT relaxation circuit, Prachi Bohra for solving problems on UJT relaxation circuit and Dollar Singh for solving problems on Thyristors are aimed to increase the problem solving capabilities of students.

Department of Electronics and communication Engineering

E.No: Dr.TTH IQAC 2020-21 07-1AP

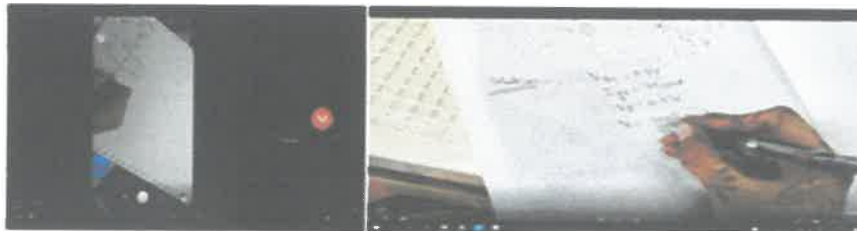
Report for Students Centric Methods

Course Name: POWER ELECTRONICS

Course Code: 17ECT315ECT3

Course Coordinator: MANJUSHREE K CHAVAN

- 1) A Flip class was planned and the topic to be done was given to whole class.
- 2) Flip class for the subject was done on 13-11-2020
- 3) Notes were given prior to the Flip class conduction date to whole class.
- 4) Sneha M was selected to give flip class on the topic UJT relaxation circuit, Prachi Bohra for solving problems on UJT relaxation circuit and Dollar Singh for solving problems on Thyristors.
- 5) Since it was lockdown, Flip class was conducted using Virtual Mode.
- 6) Google Meet application was used to conduct and record online class as per the instructions given by the higher authorities.
- 7) A discussion was carried out after the Flip class and student's doubts were cleared.



https://drive.google.com/file/d/1UKFChTB_zlltW_Er96zOM7_eY6GWz0rOM/view?usp=sharing

Manjushree K Chavan
13/11/2020

Manjushree K Chavan
Head of the Department
13/11/2020