



**25<sup>th</sup> September to 01<sup>st</sup> October, 2021**



**e – Academia Special Issue: 81**

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# ***INSIDE THE ISSUE***

• STUDENT CERTIFICATIONS PG 03 - 08

• EVENTS PG 09 - 17

• RESEARCH AND DEVELOPMENT PG 18 - 22

• TRAINING AND PLACEMENT PG 23 - 25

• TUTOR WARD MEETING PG 26 - 28

• FACULTY CERTIFICATIONS PG 29 - 38

• FACULTY PROGRESSION PG 39 - 41

• CONFERENCE PRESENTATION PG 42 - 43

• CREATIVE CORNER PG 44 - 47



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**STUDENT CERTIFICATIONS**

## ECE | IDEATHON'21 PARTICIPATION



**Poornima R, Ilakkiya S, Prathiba P and Padmapriya P N, students of Second year ECE have participated in IDEATHON'21 organized by the Department of Computer Science and Business Systems, Sri Krishna College of Engineering and Technology on 15<sup>th</sup> September 2021.**



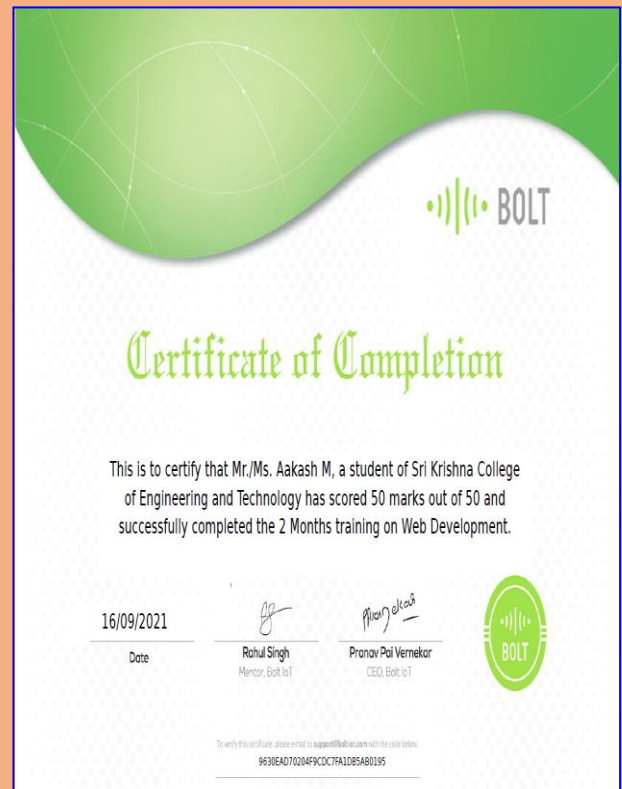
## CSBS | COURSERA CERTIFICATION



Rokith P, student of **Second year Computer Science and Business System** has successfully completed the course **“Python for Data Science, AI & Development”** offered through Coursera during September 2021.

## IT | WEB DEVELOPMENT TRAINING

Aakash M, student of **Third year IT A** has scored 50 marks out of 50 and has successfully completed 2 months training on **“Web Development”** offered by BOLT.



## IT | IEEE QUIZ



SP Ramanathan, Naveen S, Firdhousi Raja M K, Harish G, Kiruthika E, Krupaasree K, Mohamed Ali Raihan M and Nidarshana R students from Second year IT have participated in "Quiz Series -17 on Power Systems" by IEEE Student branch of K.Ramakrishnan College of Engineering, Tiruchirappalli on 24.09.2021.

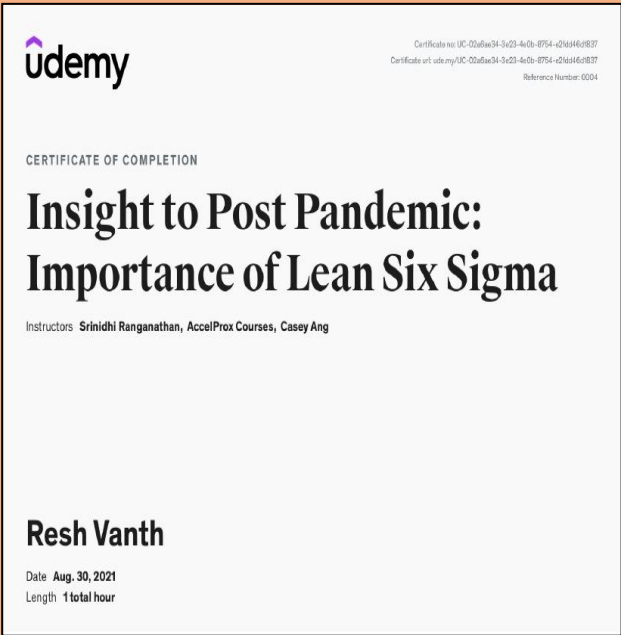
## MECH | INTERNSHIP @ FORD



**Babin. M**, student of Final year Mechanical Engineering has undergone an internship training at Ford India Private Limited and successfully completed a project entitled 'Study of chiller and energy saving in utility department' from 19.07.2021 to 17.09.2021.

## MECH | COURSE ON INSIGHT TO POST PANDEMIC: IMPORTANCE OF LEAN SIX SIGMA

**Resh Vanth K S**, student of Third year Mechanical Engineering has successfully completed a course on 'Insight to post pandemic: Importance of Lean Six Sigma' from Udemy.





## AI&DS | CLOUD MASTER CLASS - DISCOVERY DAY



Following **Second year** students from the Department of **Artificial Intelligence and Data Science** have successfully participated in a Training program entitled “**Cloud Master Class - Discovery Day**” organized by **NASSCOM - Future skills Prime** on 29.09.2021.

S.No	Roll Number	Name
1	20EUAI001	AARTHI A
2	20EUAI002	ABDUL BASITH M
3	20EUAI004	ANCY JEFRI LA J
4	20EUAI005	ARAVIND G
5	20EUAI006	BHARATHI RAMANAN D
6	20EUAI008	DEEPAK DARSHAN J



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**EVENTS**

## CIVIL | ENGINEERS DAY CELEBRATION - ACCE

Association of Consulting Civil Engineers (India)  
Coimbatore Centre

Indian Concrete Institute  
Coimbatore Centre

invite you all with immense pleasure for  
**Engineers' Day Celebrations 2021**  
&  
**ACCE (I) Eminent Engineer 2021 awards function**  
on  
Monday, 20<sup>th</sup> September 2021  
at 6.30 PM, COINDIA HALL, Avarampalayam Road, Coimbatore

**Er.J.Premkumar**  
Chairman – ACCE(I) CBE

**Er.R.Muruganatham**  
Secretary – ACCE(I) CBE

**Er.P.Parameswaran**  
Treasurer – ACCE(I) CBE

**Dr.A.Sudhahar**  
Chairman – ICI CBE

**Dr.Dhanya Sathyan**  
Secretary – ICI CBE

**Dr.R.Venkatasubramani**  
Treasurer – ICI CBE

Guest Speaker  
**Varun Sridharan**  
Director – Technical

Felicitations by  
**Er.S.Suresh**  
Vice President – Indian Concrete Institute

Join Zoom Meeting - ID: 415 576 5350 - Pass Code: accemeet  
<https://us02web.zoom.us/j/4155765350?pwd=b1ISSjhN3NjZUo2S0t4eFVlWjFZz09>



Association of Consulting Civil Engineers in association with Indian Concrete Institute, Coimbatore Chapter organized Engineers Day Celebration at COINDIA Hall on 20<sup>th</sup> September 2021. Faculty Members along with the Final year student representatives **R. P. Thamilselvan** and **Mr. Y. G. Sashwath** of Civil Engineering Department participated in the event. **Er. Varun Sridharan**, Technical Director, Greenvironment and **Er. S.Suresh**, Vice President, Indian Concrete Institute were the Guest Speakers.



# IT | OUTREACH ACTIVITY- AMBASSADORS OF EDUCATION

### V-Model:

The V-model is a type of SDLC model where process executes in a sequential manner in V-shape. It is also known as Verification and Validation model.

Verification and Validation phases are joined by coding phase in V-shape. Thus it is called V-Model.

### Ambassadors of Education

- **SP.RAMANATHAN** IT,SKCET – Software development
- **K.KRUPAASREE** IT,SKCET – E-Learning
- **SE.HARINIE** IT,SKCET –Tools for Virtual Learning
- **E.KIRUTHIKA** IT,SKCET –Emerging Technologies in Education
- **Dr.Barakkath Nisha.U** (MENTOR)  
Associate Professor,IEEE senior member,SKCET

- <https://www.udemy.com/>
- American massive open online course (MOOC) provider aimed at professional adults and student
- Courses are offered across a breadth of categories, including business and entrepreneurship, academics, the arts, health and fitness, language, music, and technology
- The headquarters of UdeMy is located in San Francisco, US

Sadhasivam. T

Nidarshana.R

Naveen. S



## IT | OUTREACH ACTIVITY- AMBASSADORS OF EDUCATION

Three student teams from the Department of **Information Technology** participated in the Event **Eu-Reka 2021** organized by **IEEE Pune section**. The major aim of Eu-Reka program is to raise National High school literacy level by using College youth as '**Ambassadors of Education**'. The teams were guided **Dr.BarakkathNisha.U**, Associate Professor, **IT**. **Dr.Susila.N**, HoD, **IT** motivated and appreciated the students for participating in this event to enhance science and technology skills for the young minds.

### Team1:

- Krupaasree.K , B tech IT-B (2<sup>nd</sup> Year) - Team Leader
- Harinie.SA, B tech IT-A (2<sup>nd</sup> Year)
- Kiruthika.E, B tech IT-B (2<sup>nd</sup> Year)
- Ramanathan.SP, B tech IT-B (2<sup>nd</sup> Year)

### Schools:

- Sri Vidhya Giri Matriculation Higher Secondary School, Karaikudi. (Rural) - 12.09.21
- Sri Vishalakshi Girls Higher Secondary School, Udumalpet, Tirupur. (Urban) - 15.09.21
- Government High School, Mathaganeri, Tirunelveli. (Rural) - 17.09.21
- Sri Vairavar Matriculation School, O-Siruvayal Main Road, Karaikudi. (Rural) - 18.09.21

## IT | OUTREACH ACTIVITY- AMBASSADORS OF EDUCATION

### Team 2:

- Sadhasivam. T - IT-C (2<sup>nd</sup> Year)- - Team Leader
- Naveen. S- IT-B (2<sup>nd</sup> Year)
- Nidarshana. R- IT-B (2<sup>nd</sup> Year)
- Praveen. D- Mech-B (2<sup>nd</sup> Year)

### Schools:

- Alagu Jothi Academy, Mayiladuthurai on 16-09-2021
- Keartiman Matriculation Higher Secondary School, Coimbatore on 21-09-2021

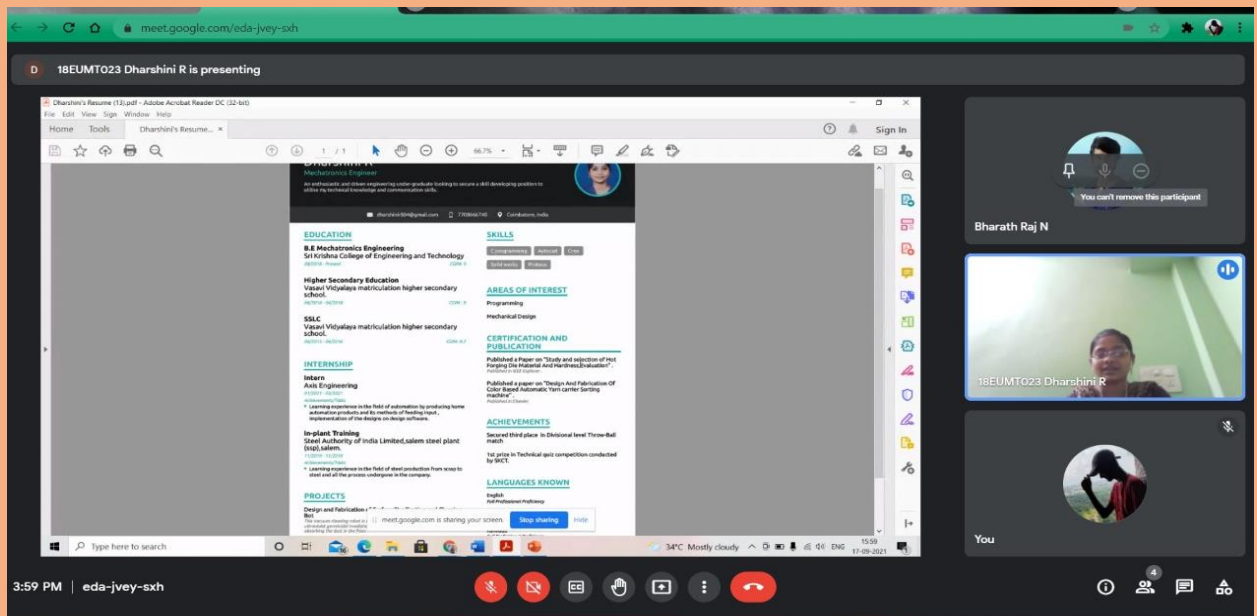
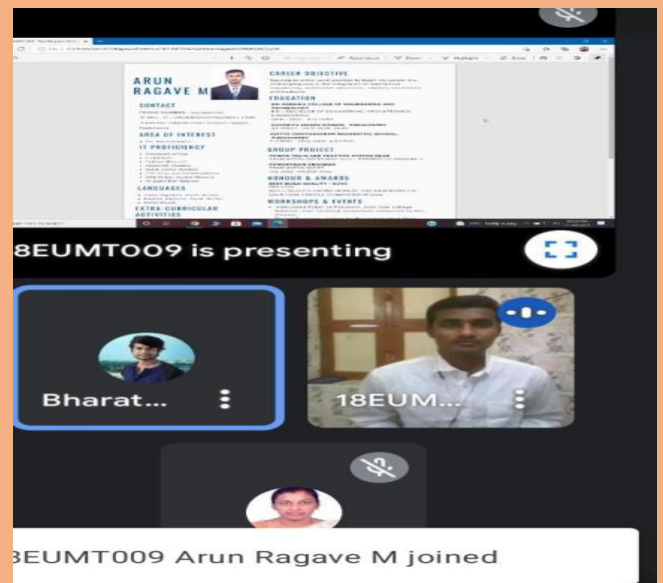
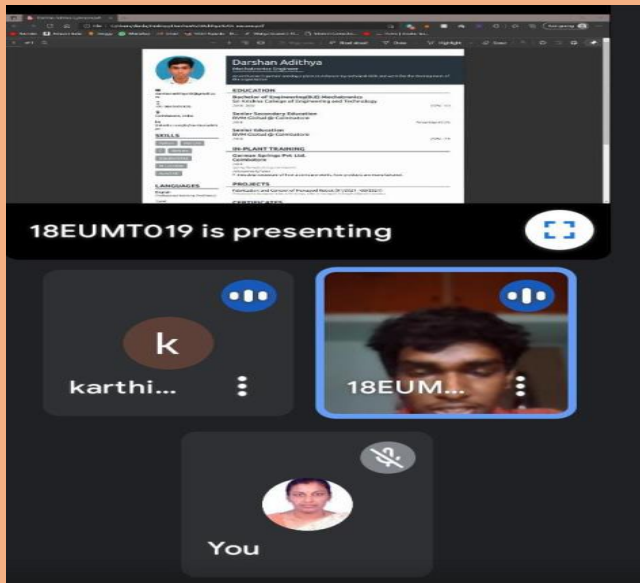
### Team 3 :

- M K.Firdhousi Raja IT-A (2<sup>nd</sup> year)
- G.Harish IT (2<sup>nd</sup> year)
- V K Hareesh CSE (2<sup>nd</sup> year)
- V.Nivithra IT-B (2<sup>nd</sup> year)

### Schools:

- Nagamani Ammal Memorial Matriculation School Cumbum  
Theni District on 18-09-21

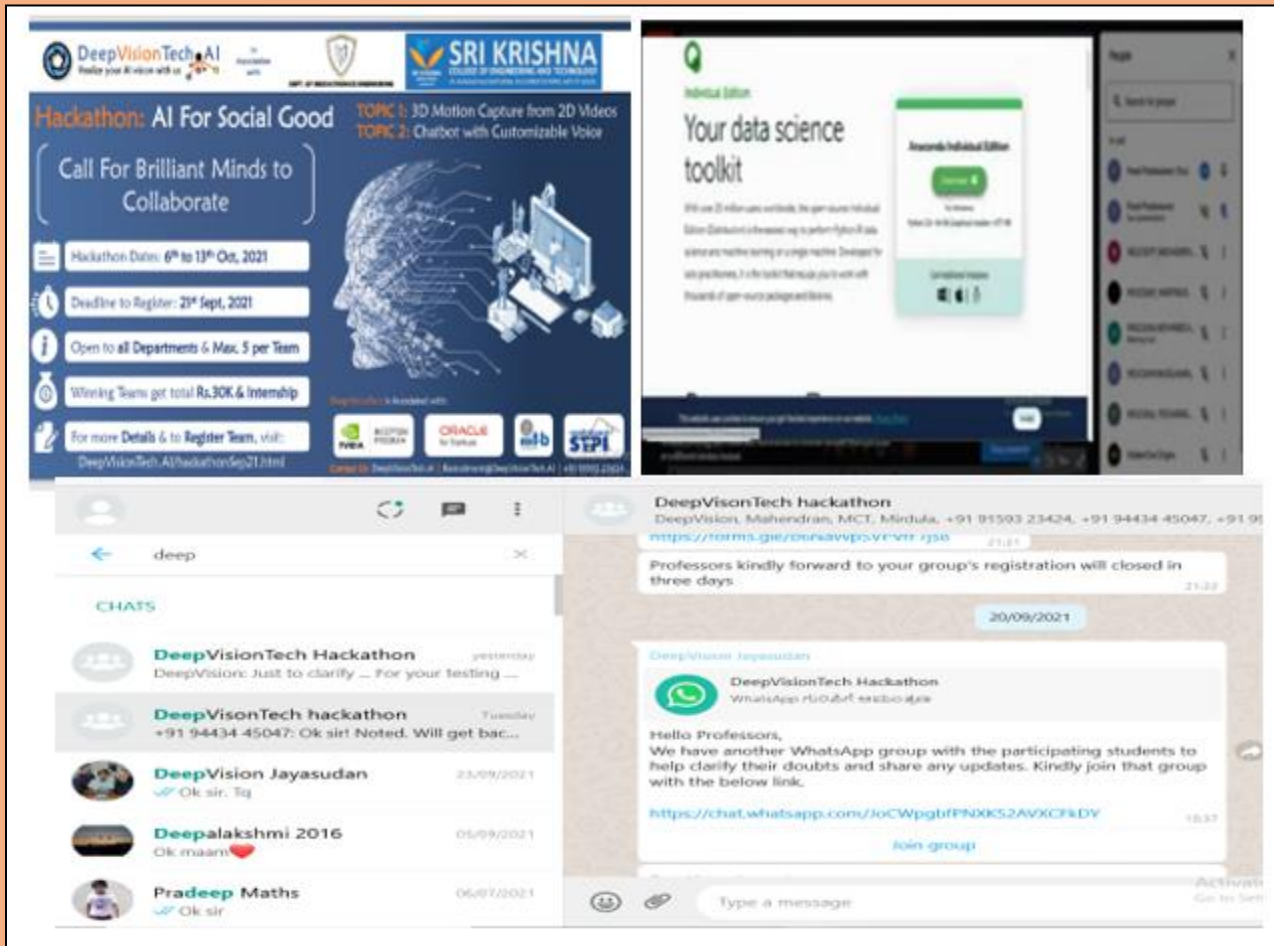
## MCT | MOCK INTERVIEW



Department of **Mechatronics Engineering** conducted Mock Interview Session for the **Final** year MCT students. **Mr.Karthikeyan**, Accenture and **Mr.Bharathraj**, Deloitte, Prominent alumni of the Department were the Interviewers. They motivated the students to give their best in the upcoming drives.



## CSE | DEEPIVISION TECH-CALL FOR BRILLIANT MINDS TO COLLABORATE-MENTORING SESSION



Department of **Computer Science Engineering** organized a mentoring session on “**Deep vision Tech Hackathon-Call for Brilliant Minds to Collaborate**” on 26.09.2021 for CSE & MTech students with Deep vision Tech, AI Teams, Bangalore.

Session Highlights:

- Articles related to Hackathon.
- Links to articles related to DL models, frameworks, tools which can be used.
- Tips on certain tasks related to Topics 1 & 2.
- Sample output of the topics and Winning criteria.

## EEE | WEBINAR ON INNOVATIVE CONCEPTS IN POWER SYSTEM DEREGULATION

Department of EEE in association with IEEE organized a Webinar entitled “Innovative Concepts in Power System Deregulation” for the **Pre- final** year students on 28.09.2021. **Dr.J.Senthil Kumar**, Assistant Professor, Department of EEE, Bannari Amman Institute of Technology, Coimbatore was the Resource Person. The objective of this session was to encourage the students to understand the concept of Power System.

### Session Highlights:

- Overview of Energy Generation under new environment
- Deregulation of Electric Utilities
- Recent development in Competitive Wholesale Electricity Market
- Transmission Open Access.

# EEE | WEBINAR ON FOURTH GENERATION NUCLEAR POWER PLANT

**Generation IV Nuclear Energy Systems Deployable no later than 2030 and offering significant advances in sustainability, safety and reliability, and economics**

**SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY**  
(An Autonomous Institution)  
(Accredited by NAAC with 'A' Grade, Accredited by NBA, Affiliated to Anna University, Chennai)

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

Cordially invites you for the Webinar on  
**FOURTH GENERATION NUCLEAR POWER PLANT**

**RESOURCE PERSON**  
**Mr. Guhan Sriram R V,**  
Senior Design Engineer,  
ACTALENT,  
Chennai

29/09/2021 | Google Meet | 1.30 - 2.30 PM

**MSR Molten Salt Reactor**

Department of EEE in association with IEEE organized a webinar entitled “**Fourth Generation Nuclear Power Plant**” for the **Second** year students on 29.09.2021. **Mr.Guhan Sriram R V**, Senior Design Engineer, ACTALENT, Chennai was the Resource Person. The objective of the session was to encourage the students to enhance students’ knowledge on power plant and its future developments.

Session Highlights:

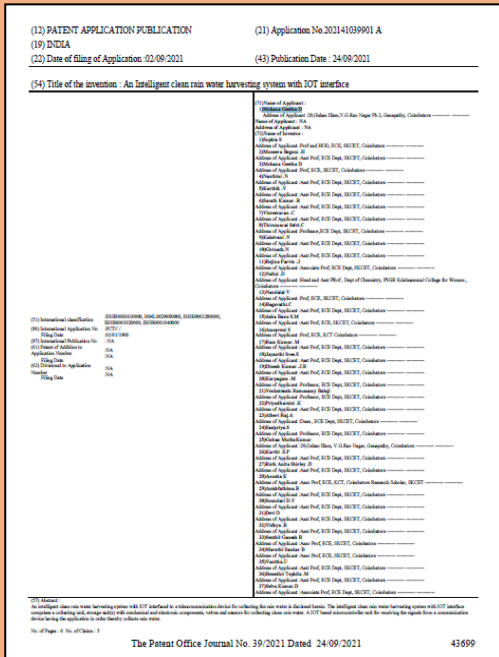
- Overview of Three Generations Nuclear Power Plant.
- Features of Fourth Generation Nuclear Power Plant.
- Passive and Active Safety Setup.
- Expected Future Developments in Nuclear Power Plant (2025-30).





**RESEARCH & DEVELOPMENT**

## R&D | PATENT PUBLICATION | ECE



Conjoint patent Publication has been filed by **Dr.D.Mohanageetha**, Professor along with the faculty members of ECE Department on the topic **“An Intelligent clean rain water harvesting system with IOT interface”** on 24.09.2021. Publication no. 202141039901 A.

## R&D | JOURNAL PUBLICATION | CIVIL

**Dr.R.Chandra Devi**, Associate Professor, Department of Civil Engineering has published a research article titled **"GIS Based Spatial and Temporal Investigation of Groundwater and Soil Quality along Noyyal River, Tiruppur, India"** in the Journal Geological Society of India, Vol 97, page 1097 – 1104. It is indexed in SCI & WoS.

JOURNAL GEOLOGICAL SOCIETY OF INDIA  
Vol.97, September 2021, pp.1097-1104

### GIS Based Spatial and Temporal Investigation of Groundwater and Soil Quality along Noyyal River, Tiruppur, India

Chandra Devi Raman<sup>1,2,3,\*</sup> and Martin Mkwandawire<sup>3</sup>

<sup>1</sup>Department of Civil Engineering, Sri Krishna College of Engineering and Technology, Coimbatore - 641 008, India

<sup>2</sup>Department of Civil Engineering, Anna University, Chennai - 600 025, India

<sup>3</sup>School of Science and Technology, Cape Breton University, Sydney, Nova Scotia, Canada

\*E-mail: chandradevi@skcet.ac.in

#### ABSTRACT

Soil and water quality crisis owing to industrialization is massive at present due to the illegal discharge of wastewater to the environment. Textile is one such industry, discharges untreated wastewater into nearby environment and poses major threats worldwide. Similar situation was observed for the last three decades (1980-2013) along Noyyal river in Tiruppur, India. Since 2013, zero liquid discharge (ZLD) has been adopted by the textile industries in Tiruppur to reduce further deterioration of environment. The groundwater from open wells and soil from agricultural land was examined continuously for three years (2015, 2016 and 2017) in order to assess the existing environment status along Noyyal river basin in Tiruppur. The GIS study reveals that 71% of groundwater remains unsuitable for drinking and also 54% are unfit for irrigation use. The findings further reveal that 61% of surface and 20% of subsurface soils are not suitable for agriculture. The detailed investigations established that the open wells located in the downstream of textile industries and near to Orathupalayam reservoir are highly contaminated with organic and inorganic contaminants associated with textile processing activities. The temporal variation of groundwater in these open wells indicated that the dilution by rainwater is very slow. It is also identified that soils near to the contaminated open wells are extremely affected and soil of 15 cm depth is extremely contaminated. Thus, implementation of ZLD somewhat reduced discharge of wastewater into the basin; however the recovery of groundwater to potable quality and soils for agriculture production needs immediate remediation.

#### INTRODUCTION

The textile industry is one of the oldest and largest industrial sectors present in the world, next to agriculture. The industry manufactures over 60 billion kg of fabric annually. The global textile market value is forecasted to reach \$1,004.6 billion by 2021 (WTO, 2018). India has a global sharemarket of 5.9%, which ranks fifth among the world's top exporters of textiles. The textile industry is also known for its footprint on water resources. Textile consumes an enormous amount of water and produces a huge amount of coloured waste water due to textile dyes and other processing chemicals (Ghaly et al., 2014). Currently, there are more than 50 sites in the world classified as heavily polluted with discharge of coloured wastewater from the dyeing industry, putting approximately 1 million people at risk (Bernhardt and Opsi, 2016).

and were increased to 700 units in 2005 (CPCB, 2016). Most of the clusters are located along Noyyal river. Initially when the industries were few, discharging of untreated wastewater into the river was not a major concern because the quantity of discharge was small while the volume of surface water high, resulting in contaminant dilution and natural water purification. Due to rapid industrialization, more than 500 small scale dyeing units virtually discharged all wastewater into the Noyyal river without any form of treatment (Puri, 2004).

Accordingly, surface and groundwater in the basin were reported highly polluted and inappropriate for drinking and irrigation use (Senthilnathan and Azeez, 1999; Appasamy and Nelliya, 2007; Arumugam, 2010; Arumugam et al., 2014). Similarly, most of the agricultural lands were abandoned, and farmers shifted the crop pattern because the soils were also polluted (Nelliya, 2012). This brought a series of petitions and public litigations against the textile industries in Tiruppur. In response, the High Court of India, through a ruling in 2011, issued a directive that all the textile processing units should implement a Zero Liquid Discharge (ZLD) policy. By 2013, most of the textile units in Tiruppur had implemented ZLD, by recycling their wastewater either through individual or common effluent treatment plants (CEEP, 2016). Recent studies have shown an upswing trend of groundwater quality (Hussain and Mohamed Sherif, 2015; Sheriff and Hussain, 2017), however the study demonstrated limited sampling points and sample sizes. The linkage between surface water and groundwater quality is confusing and needs further investigation (Srinivasan et al., 2014). In view of these, this article investigated extensively the current status of groundwater and agricultural soil quality along Noyyal River basin in Tiruppur through continuous monitoring for three years.

#### MATERIALS AND METHODS

##### Description of Study Area

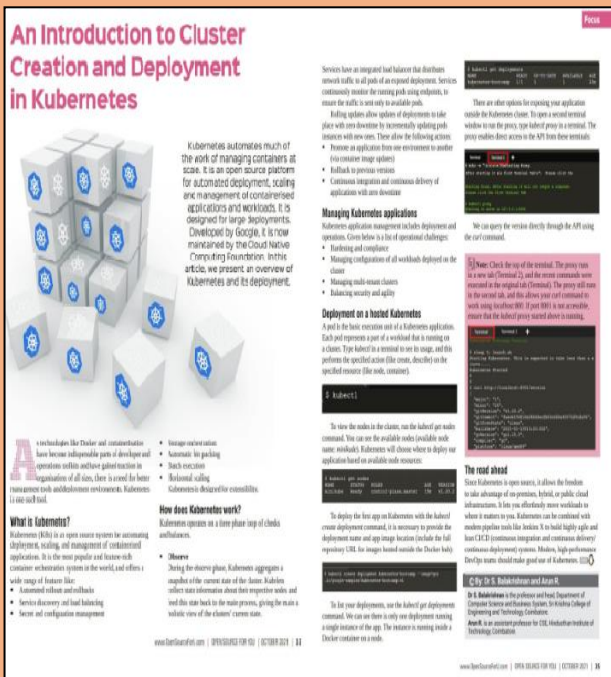
The study was conducted in the Noyyal river basin in the Tiruppur district of Tamil Nadu, southern India. Noyyal, a seasonal river, originates at the Vellingin hills of Western Ghats of Tamil Nadu and the river flows towards east through Coimbatore, Tiruppur and Erode covers a distance of 180 km and it drains into Cauvery river (Fig. 1). Tiruppur is a well-known textile hub located on the banks of Noyyal river. Based on preliminary field investigations, the study area (Fig. 2) was fixed from Mannarai at Tiruppur to Unjakkavalasai at Erode and it stretches approximately 35 km lengthwise, 2 km width wise and covers an area of 74 km<sup>2</sup>.

The climate of this region is tropical and the mean maximum (April) and minimum (December) temperature varies between 35° to 22°C. The average annual rainfall is 694 mm of which north east monsoon, southwest monsoon and summer contributes 47%, 28% and 25% of the total rainfall respectively. During 2015, the rainfall is more than

0016-7622/2021-97-9-1097-5 1.00 © GEOL. SOC. INDIA | DOI:10.1007/s12594-021-1825-9



**R&D | ARTICLE PUBLICATION | CSBS**



**Dr.S.Balakrishnan, Professor and Head, Department of CSBS** has published his 8<sup>th</sup> article in Open Source for You Magazine titled **“An Introduction to Cluster Creation and Deployment in Kubernetes”** Vol.9, issue 12, pp.33-35, October 2021. ISSN: 2456-4885.

**R&D | ARTICLE PUBLICATION | MECH**

**Dr.K.P. Yuvaraj, Assistant Professor, Mechanical Engineering** has published a scientific article entitled **'Role of Tool Pin Profile and Rotational Speed on Mechanical Properties and Microstructural Behavior of Friction Stir Welded Aa7075 - T651 and Aa6061 Dissimilar Alloy Joints'** in Design Engineering a Scopus Indexed Journal.

**Design Engineering**

ISSN: 0011-9342 | Year 2021  
Issue: 7 | Pages: 13852-13860

**Role Of Tool Pin Profile And Rotational Speed On Mechanical Properties And Microstructural Behaviour Of Friction Stir Welded Aa7075-T651 And Aa6061 Dissimilar Alloy Joints**

**YUVARAJ K P<sup>a</sup>, SOWMYA S<sup>b</sup>, ANANDKUMAR R<sup>c</sup>, SUDARVIZHI D<sup>d</sup>, BALAJI D<sup>e</sup>, HARI SHANKAR S B<sup>f</sup>, PAALPANDI K<sup>g</sup>, GOKULARAMAN B<sup>h</sup>**

<sup>a</sup>Mechanical Engineering, Sri Krishna College of Engineering and Technology, Coimbatore  
<sup>b</sup>Mechatronics Engineering, Hindusthan College of Engineering and Technology, Coimbatore  
<sup>c</sup>Mechanical Engineering, KPR College of Engineering and Technology, Coimbatore  
<sup>d</sup>Biomedical Engineering, KPR College of Engineering and Technology, Coimbatore

**Abstract:** In this present work, the role of tool pin profile on mechanical and microstructural behaviour of friction stir welded AA7075-T651 and AA6061 was investigated experimentally. Welded joints were fabricated by employing three different pin profiles such as square (T1), cylindrical (T2) and Triangle (T3) and two different tool rotational speeds of 1500rpm and 2000rpm. Welding speed of 40mm/min was kept as constant. Microstructure, Tensile strength and Microhardness of the welded joints have been evaluated. Weld Stir Zone of the specimen fabricated with square pin profile exhibited homogeneous distribution of fine grains which yields the maximum tensile strength and hardness of 278MPa and 102HV respectively when compared to other tool pins. Presence of fine dimples revealed the ductile mode of fracture in the joint fabricated with square tool pin.

**Keywords:** Friction stir welding, Tool Pin Profile, Tool rotational speed, Tensile strength, Hardness, EDAX, Tensile Fractography

**1. Introduction**

Among innumerable alloys, one of the alloy which has superlative welding characteristics, is a heat treatable wrought aluminium-magnesium-silicon alloy that is similar to AA6061 also possess medium strength over high strength aluminium alloys [1]. Similarly, AA7075-T651 alloy has good mechanical properties when compared to other aluminium alloys. These two



## R&D | ARTICLE PUBLICATION | MECH

### Design Engineering

ISSN: 0011-9342 | Year 2021  
Issue: 7 | Pages: 12865- 12871

#### Appraisal of the tensile strength of PA12 samples by a fused deposition modelling process by varying infill densities

Roshan VKNSS<sup>a</sup>, A.Nagamani<sup>b</sup>, S.Saravankumar<sup>b</sup>, Thiruvenkata Babuji<sup>c</sup>, M.S.Srinidhi<sup>d\*</sup>

<sup>a</sup>UG Student, Department of Aeronautical Engg, Hindustan Institute of Technology and Science, Chennai, India

<sup>b</sup>Assistant Professor, Department of Mechanical Engineering, Rathinam Technical Campus, Coimbatore, India

<sup>c</sup>Research Scholar, Department of Mechanical Engineering, Vellore Institute of Technology, Chennai, India.

<sup>d</sup>Assistant Professor, Department of Mechanical Engineering, Sri Krishna college of Engg &Tech, Coimbatore, India

\*Corresponding author E-Mail ID: [hannumathu.ram@gmail.com](mailto:hannumathu.ram@gmail.com)

#### ABSTRACT

Fused deposition modeling (FDM) is an additive manufacturing technology that allows for the cost-effective, quick, and easy production of specimens with precise dimensions. The main goal of our proposed work is to compare the mechanical properties of different infill densities of polyamide 12 processed via FDM in rectilinear structure. The specimens are printed using the FDM process with varying infill percentages for rectilinear structures of 50%, 75%, and 100%. The exploratory results have been used for testing such as tensile strength and yield strength. The main influenced process effect of infill density shows that 100 percent infill rectilinear structure gives better strength than 50 percent and 75 percent infill rectilinear structure in FDM process. It is suitable for future engineering applications in the development of various parts.

Keywords: FDM – PA12- Infill densities - Tensile strength

Mr.M S Srinidhi, Assistant Professor, Mechanical Engineering has published a scientific article entitled 'Appraisal of the tensile strength of PA12 samples by a fused deposition modelling process by varying infill densities' in Design Engineering a Scopus Indexed Journal.


## R&D | BOOK CHAPTER PUBLICATION | CSE, CSBS, MCT

Ms.N.Pooranam, Assistant Professor, CSE, Dr.G.Ignisha Rajathi, Associate Professor, CSBS and Mr.T.Vignesh Assistant Professor, MCT have published a book chapter entitled “Decision Support Mechanism to Improve a Secured System for Clinical Process Using Blockchain Technique” in the book titled “Internet of Things, Artificial Intelligence and Blockchain Technology” published by Springer International Publication ISBN: 978-3-030-74150-1. This book chapter is indexed in Scopus.

2021 | Original Paper | Chapter

### 11. Decision Support Mechanism to Improve a Secured System for Clinical Process Using Blockchain Technique

Authors: N. Pooranam, G. Ignisha Rajathi, R. Lakshmana Kumar, T. Vignesh  
Publisher: Springer International Publishing



Published in: Internet of Things, Artificial Intelligence and Blockchain Technology

[Get access to the full-text](#)

#### Abstract

In the modern era, health monitoring is an essential day-to-day task for making a wealthy life. To maintain and enrich the process automation comes into picture. Blockchain acts as a secured system

## R&D | BOOK CHAPTER PUBLICATION | CSE, CSBS

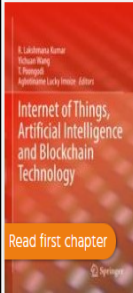
Ms.N.Pooranam, Assistant Professor, CSE, Dr.G.Ignisha Rajathi, Associate Professor, CSBS have published a book chapter entitled “The Herculean Coalescence AIoT - A Congruence or Convergence?” in the book titled “Internet of Things, Artificial Intelligence and Blockchain Technology” published by Springer International Publication ISBN: 978-3-030-74150-1. This book chapter is indexed in Scopus.

2021 | OriginalPaper | Chapter

### 7. The Herculean Coalescence AIoT – A Congruence or Convergence?

Authors: G. Ignisha Rajathi, R. Johny Elton, R. Vedhapriyavadhana, N. Pooranam, L. R. Priya

Publisher: Springer International Publishing



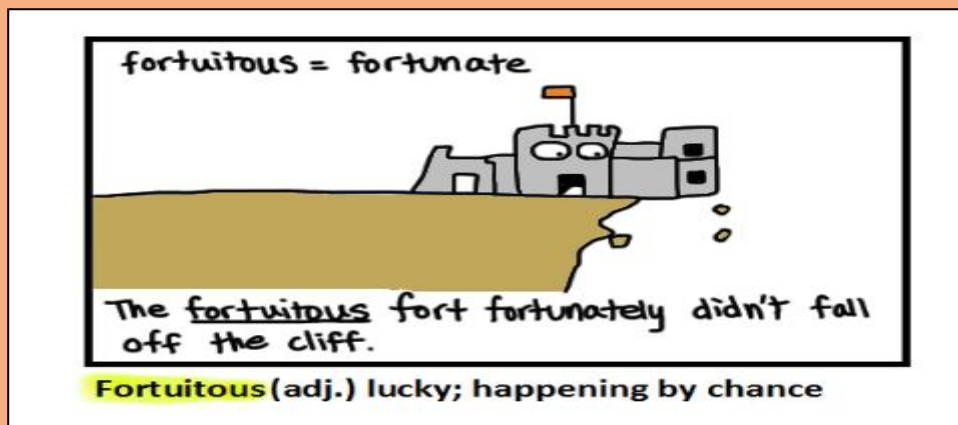
Published in: Internet of Things, Artificial Intelligence and Blockchain Technology

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#### Abstract

The interestingly beneficiary technologies are numerous in the current era. Out of the lot, the two important superpower technologies, Artificial Intelligence and Internet of Things, converge to form

## WORD OF THE WEEK | FORTUITOUS



**Meaning:** Happening by chance rather than intention.

**Fortuitous in a Sentence:**

- His entry into the takeaway arena was somewhat fortuitous.
- Long ago, Neil had a fortuitous meeting with a television producer which helped him become a star.



**SKCET**

**Buzz**



**TRAINING AND PLACEMENT**



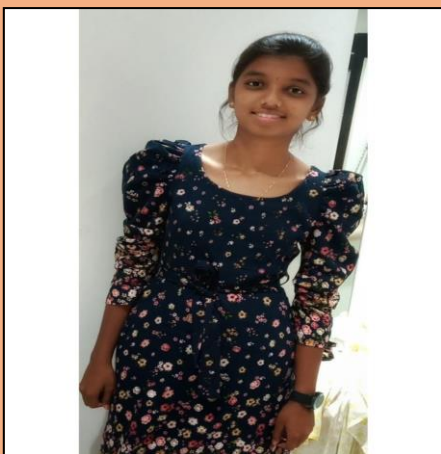
## PLACEMENT | TESTIMONIALS

I consider it as my greatest privilege to be a part of this esteemed Institution SKCET. I would like to thank my faculty members for their tireless effort in teaching me the concepts and also helping me achieve my carrier goals. They not only taught me the subject but also brought my hidden potential and focused it in the right direction. A special thanks to the placement division, who helped us to get a good placement in various reputed companies all over India and made me to start my carrier at Virtusa as an Associate Engineer.



**ARAVINDH RAJENDRAN**  
ECE (2021), VIRTUSA

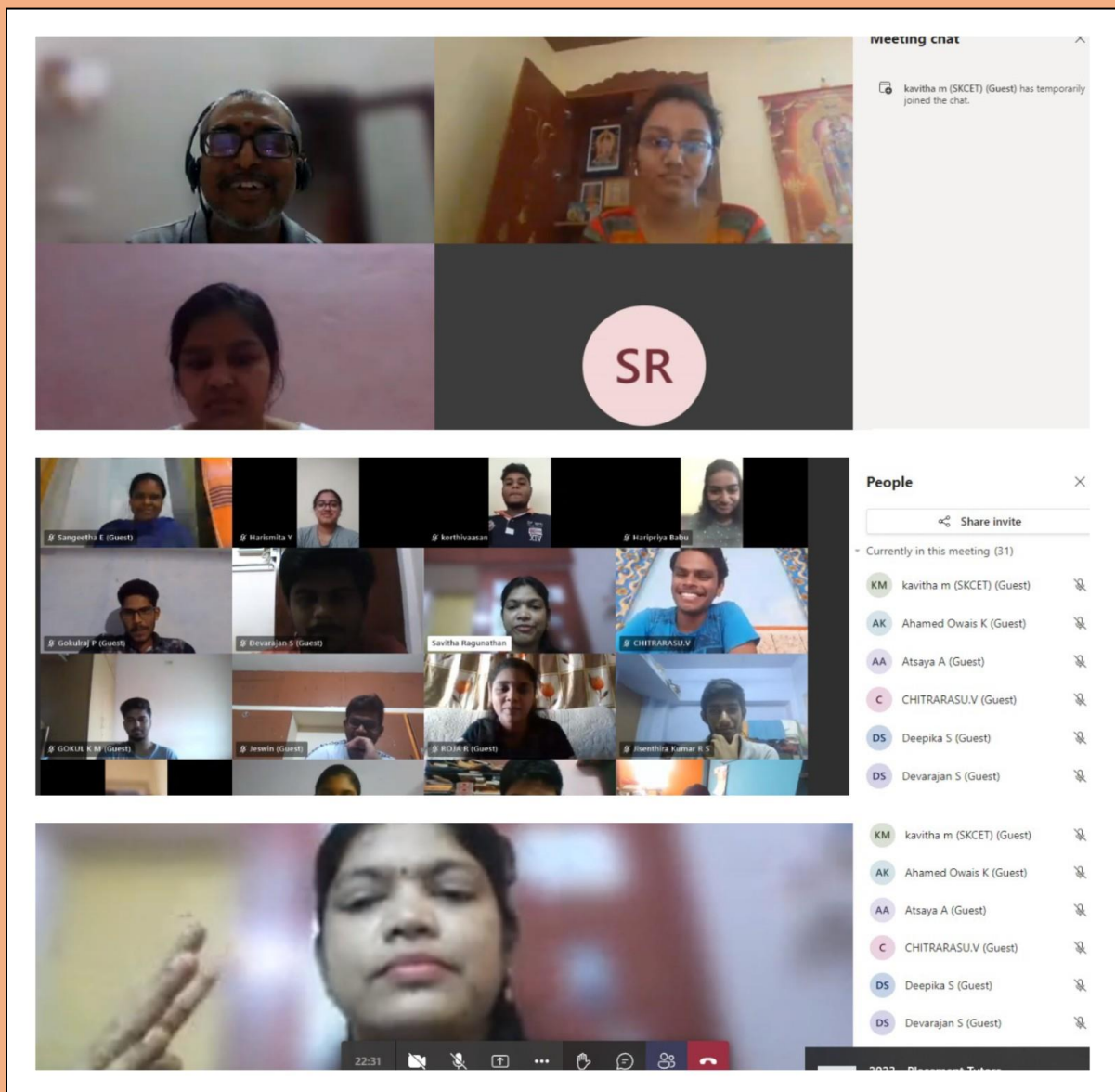
## PLACEMENT | TESTIMONIALS



**DEEPIKA M S,**  
ECE (2021),  
Zifo RnD Solutions

SKCET is the place that gave me lots of exposure as well as memories to take it for life time. Especially Placement team is very supportive and encouraging in all aspects. We had prior trainings and mock interviews that helped us get crack the interviews fearlessly. It gave me the best initial place to start my career. I could not resist that SKCET is a place that reminds me to the long way for anyone like me here. I had my best days here in every way. Thanks to my parents, SKCET Management, Principal and the entire SKCET family for the wonderful opportunity.

## PLACEMENT | ASPIRE COE REVIEW MEETING



Mrs.Kavitha, Assistant Professor, CSE along with 2022 batch **Aspire** COE students attended a Review Meeting organized by **Aspire** from 27<sup>th</sup> September, 2021 to 01<sup>st</sup> October, 2021. **Aspire Team** reviewed the **Tech tracks** allotment based on the business demands to the students.



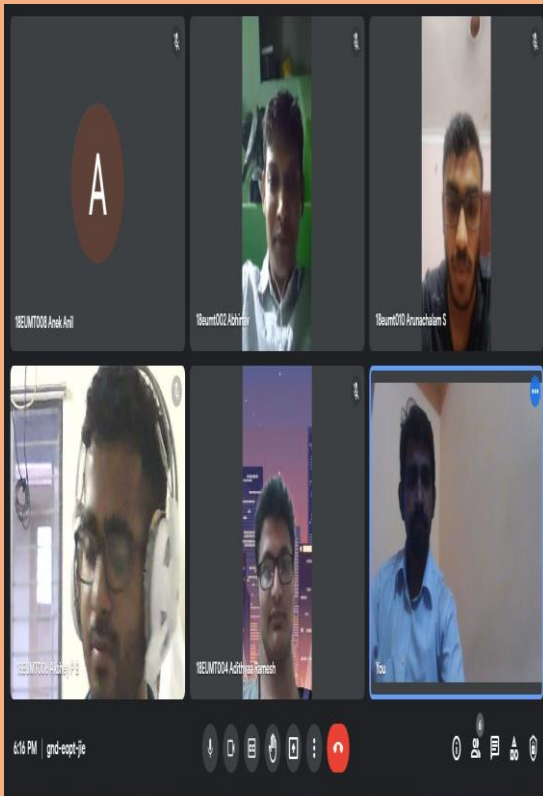
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## TUTOR WARD MEETING



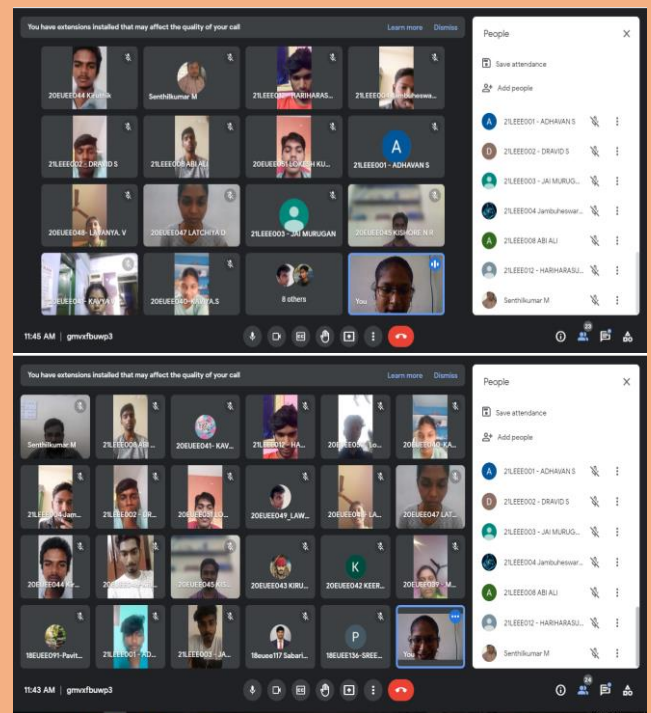
## MCT | TUTOR WARD MEETING | IV YEAR



**Dr.G.Veerappan**, Assistant Professor, MCT convened **Tutor Ward Meeting** for the **Final** year students on 28.09.2021 via Google Meet. The pointers of discussion were: CIA 2 exams, completion of ICT Learnathon courses, Placement training sessions, Regular class attendance, Assignments submission and Completion of NPTEL Exam.

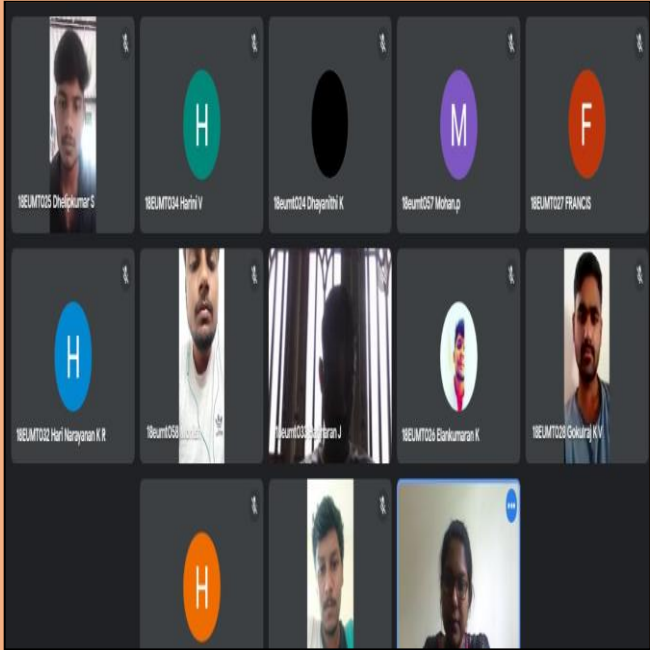
## EEE | TUTOR WARD MEETING | II YEAR

**Ms.C.Pavithra**, Assistant Professor, EEE along with year Coordinator **Dr.M.Senthilkumar**, Associate Professor, EEE conducted **Tutor Ward Meeting** for the **Second** year EEE A students. The Pointers of discussion were: Importance of placement classes, Hackathon Participation, Project contest, offline semester exam, syllabus completion, and CIA 1 performance.



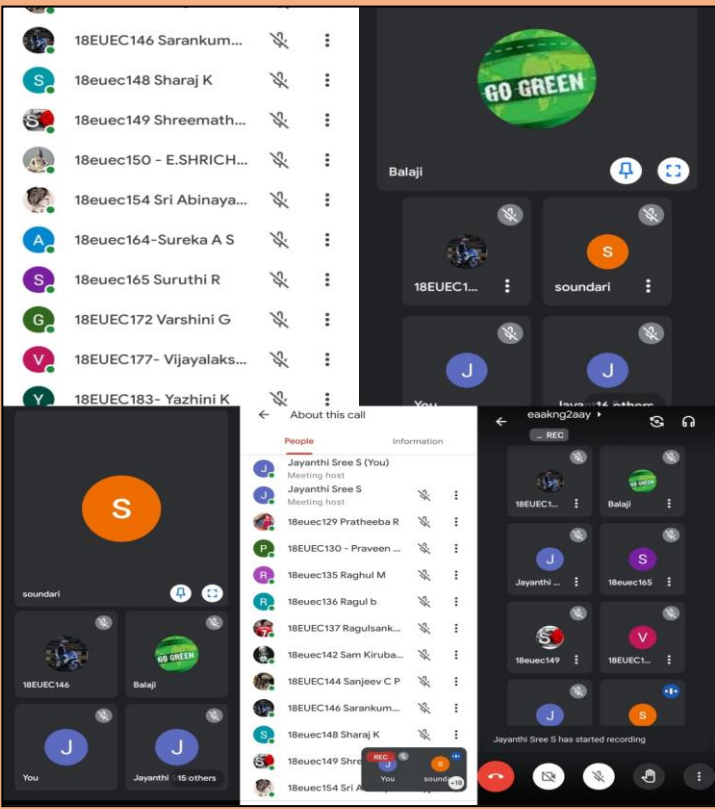
## MCT | TUTOR WARD MEETING | IV YEAR

**Tutor Ward Meeting** was conducted by **Dr.D.Pritima**, Professor, MCT for the **Final** year MCT A students on 28.09.2021 via Google Meet. The pointers of discussion were: End Semester Examination, Academic Review Meeting, Preparation for CIA 2, Importance of Internal Components, Vaccination status and Project preparedness.



## ECE | TUTOR WARD MEETING | IV YEAR

**Tutor Ward Meeting** was conducted for the **Final** year ECE C students on 24.09.2021 by **Ms.D.V.Soundari**, **Dr. S.Jayanthi Sree** and **Dr.V.R.Balaji** faculty members of ECE Department. Key points of discussion were: Accenture online test regarding, Mock Accenture online test, Importance and rules of technical/coding round.







## FACULTY CERTIFICATIONS



## MCT | COURSERA CERTIFICATION



**Mr.S.Panneerselvam,** Assistant Professor, MCT, has successfully completed an online Course on **Additive Technologies in Metallurgy & Mechanical Engineering**, authorized by Peter the Great St. Petersburg Polytechnic University, Russia offered through Coursera.

## CSBS | FDP ON MEAN STACK TECHNOLOGIES

**Dr. S. Oswalt Manoj,** Assistant Professor, Department of **Computer Science and Business System** has successfully completed AICTE Training and Learning (ATAL) Academy online elementary FDP on **“MEAN Stack Technologies”** from 21.09.2021 to 25.09.2021 organized by Sree Vidyanikethan Engineering College.



## EEE | FDP ON TRENDS & CHALLENGES IN ELECTRIC VEHICLES



**Dr.M.Senthilkumar**, Associate Professor, EEE has participated in five days ATAL - Faculty Development Programme on “Trends & Challenges in Electric Vehicles” from 20.09.2021 to 24.09.2021 organized by Sri Eshwar College of Engineering, Coimbatore.

## EEE | FDP ON DESIGN AND OPERATIONAL PERSPECTIVE OF ELECTRIC VEHICLE WITH DISTRIBUTED ENERGY RESOURCES USING CYBER PHYSICAL SYSTEM

**Ms. T. Malini**, Assistant Professor, EEE has participated in 13 days AICTE recognized Faculty Development Programme on “Design and Operational Perspective of Electric Vehicle with Distributed Energy Resources using Cyber Physical System” organized by the Department of Electrical and Electronics Engineering, KPR Institute of Engineering and Technology, Coimbatore from 13.09.21 to 25.09.21.



## IT| BLOCKCHAIN TECHNOLOGY AND ITS APPLICATIONS



Dr.S Durga, Associate Professor, Department of **Information Technology** has successfully completed AICTE Training and Learning (ATAL) Academy Online Elementary FDP on “**Blockchain Technology & Its Applications**” from 06.09.2021 to 10.09.2021 organized by Malviya National Institute of Technology, Jaipur.

## IT| CYBER SECURITY INFRASTRUCTURE CONFIGURATION



Ms.Lavanya S and Dr.V.Saranya, faculty members from the Department of **Information Technology** have attended five days online FDP on “**Cybersecurity Infrastructure Configuration**” from 20.09.2021 to 24.09.2021 conducted by ICT Academy.



## IT | INTRODUCTION AND PROGRAMMING WITH IOT BOARDS



Ms. D Dharunya Santhosh, Assistant Professor, Department of **Information Technology** has completed **“Introduction and Programming with IoT Boards”** an online non-credit course authorized by Pohang University of Science and Technology and offered through Coursera.

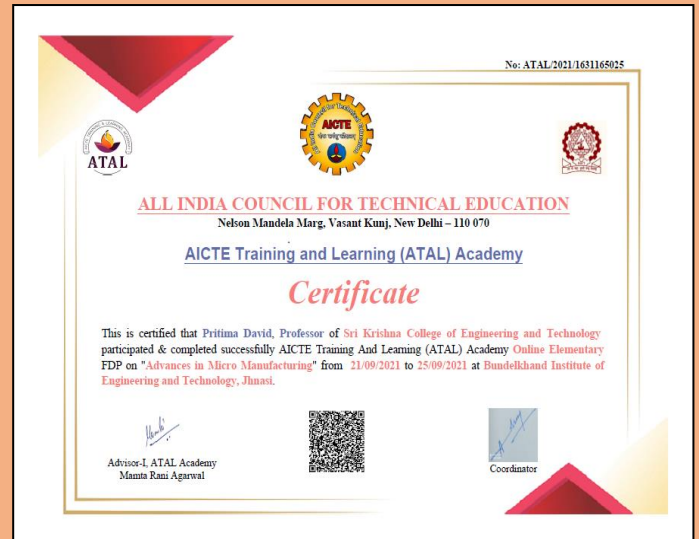
## MECH | FDP ON ADVANCED MANUFACTURING TECHNOLOGY

Mr.S.Balu Mahandiran, Assistant Professor, **Mechanical Engineering** have actively participated in six days Faculty Development Program on **'Advanced Manufacturing Technology'** organized by SRM Institute of Science and Technology from 13.09.2021 to 18.09.2021.

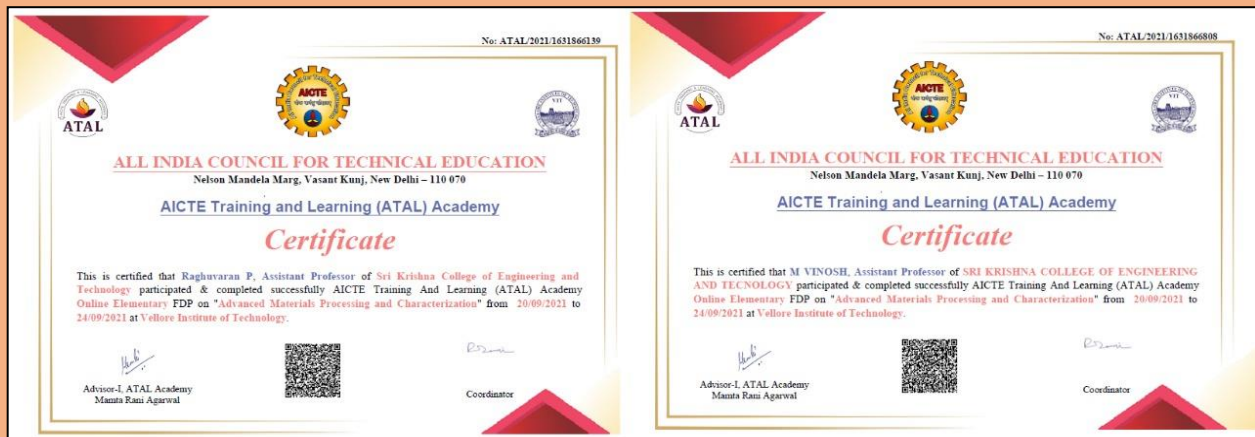


## MCT | ATAL FDP ON ADVANCES IN MICRO MANUFACTURING

Dr.D.Pritima, Professor, MCT has participated in the AICTE- Training and Learning (ATAL) Academy online FDP on "Advances in Micro Manufacturing" from 21.09.2021 to 25.09.2021 at Bundelkhand Institute of Engineering and Technology, Jhnasi.



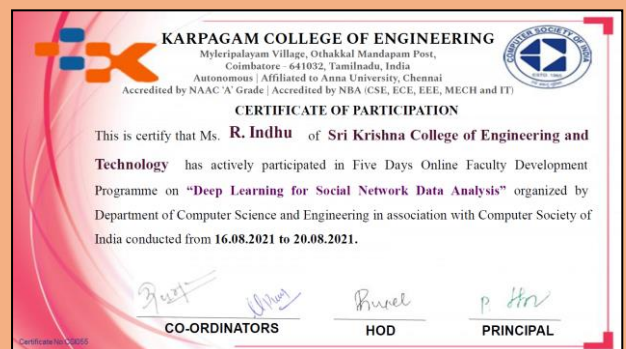
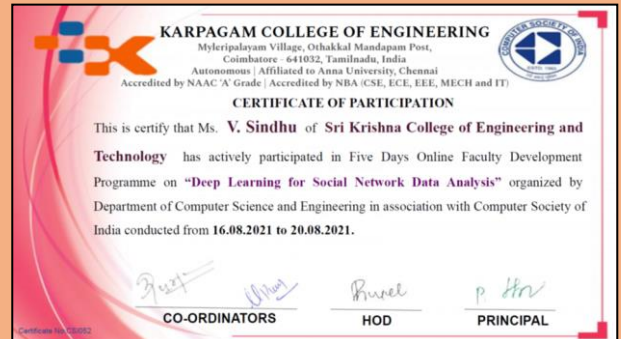
## MECH | ATAL FDP ON ADVANCED MATERIAL PROCESSING AND CHARACTERIZATION



Mr.P.Raghuvaran and Mr.M.Vinosh, Assistant Professors, Mechanical Engineering have successfully completed ATAL Faculty Development Program on 'Advanced Material Processing and Characterization' organized by Vellore Institute of Technology from 20.09.2021 to 24.09.2021.

## IT | FDP ON DEEP LEARNING FOR SOCIAL NETWORK DATA ANALYSIS

**Ms.V.Sindhu** and **Ms.R.Indhu**, Assistant Professors, Department of **Information Technology** have participated in the Five Days Online FDP on “**Deep Learning for Social Network Data Analysis**” organized by the Department of Computer Science and Engineering, Karpagam College of Engineering in association with Computer Society of India.



## IT | FDP ON COMPUTER ARCHITECTURE



**Mr.A.M.Ratheesh Kumar** and **Ms.K.Ranjeethapriya**, Assistant Professors, Department of **Information Technology** have attended the Online FDP on “**Computer Architecture**” organized by Department of Computer Science and Engineering, PSG ITech in association with PSG CARE, Coimbatore from 06.09.2021 to 10.09.2021.





## MCT | ATAL FDP ON ASSESSMENT AND UTILIZATION OF RENEWABLE ENERGY RESOURCES



Mr.S.Madhankumar, Assistant Professor, MCT has participated in AICTE- Training and Learning (ATAL) Academy online FDP on “Assessment and Utilization of Renewable Energy Resources” from 13.09.2021 to 17.09.2021 at Government Engineering College, Palanpur.

## MCT | COURSERA CERTIFICATION

Mr.M.Vigneshwaran, Assistant Professor, MCT has successfully completed a certification course on **Digital Manufacturing Design**, Authorized by University of Buffalo, USA offered through Coursera.



## CSE | ATAL FDP ON INTELLIGENT COMPUTING IN HEALTHCARE



**Ms.N.Saranya**, Assistant Professor, CSE has participated in the AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "**Intelligent Computing in Healthcare**" organized by National Institute of Technology, Raipur from 20.09.2021 to 24.09.2021.

## IT | AWS CLOUD PRACTITIONER ESSENTIALS

**Ms.A.Raihana**, Assistant Professor, Department of **Information Technology** has completed AWS Cloud Practitioner Essentials on 22.10.2021.





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**Buzz**



**FACULTY PROGRESSION**

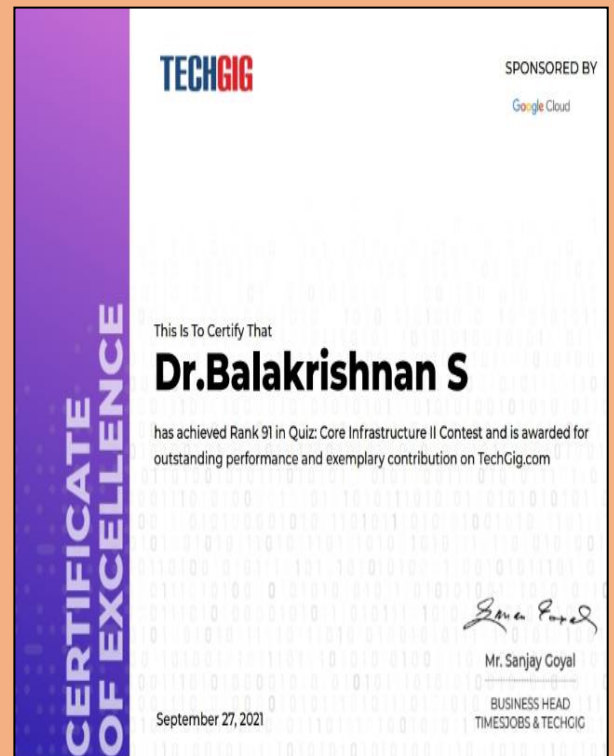
## CSBS | EDITOR / REVIEWER CERTIFICATE



Dr.S.Balakrishnan, Professor and Head, Department of **Computer Science and Business System** has been provided with a Certificate of Recognition for being the Editor/Reviewer for the AICTE sponsored Two Day's National Level Virtual Conference on "**Recent Trends in Research & Information Technology**" organized by Marudhar Kesari Jain College for Women, Vaniyambadi during September 22<sup>nd</sup> and 23<sup>rd</sup> 2021.

## CSBS | CERTIFICATE OF EXCELLENCE

Dr.S.Balakrishnan, Professor and Head, Department of **Computer Science and Business System** has been awarded with a Certificate of Excellence for his outstanding performance and exemplary contribution on **TechGig.com** on 27.09.2021.





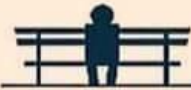
## IT | CONERENCE REVIEWER


Dr.G.Edwin Prem Kumar, Professor, Department of Information Technology has been commended for serving as a Reviewer in the 4<sup>th</sup> International Conference on Big Data and Cloud Computing, organized by Karunya Deemed University, Coimbatore.





## HEALTHOGRAPHICS | BE MENTALLY STRONG


### FIVE THINGS MENTALLY STRONG PEOPLE DO

- 

They enjoy their time alone.  
They hold themselves accountable for their actions.
- 

They celebrate the success of others.  
They surround themselves with greatness.
- 

They have great health habits. From sleep to how they eat, they own their mind, body & spirit.
- 

They embrace and celebrate change.  
They know that change is constant with life.
- 

They invest time and energy into the present.  
They're able to focus on the tasks at hand.



**SKCET**  
**Buzz**



**CONFERENCE  
PRESENTATION**

# CSE | CONFERENCE PRESENTATION



Dr.P.Kavitha Rani, Professor and Head, CSE, Mr.S.Suresh Kumar, Assistant Professor, CSE has presented a paper titled “Automated Data Visualization System to Reinforce Mid-Day Meal Tracking Scheme” in the 9<sup>th</sup> International Conference on Innovations in Computer Science and Engineering (ICICSE-2021-Virtual Conference), organized by Guru Nanak Institute of Technology, Telangana from 03.09.2021 to 04.09.2021. It is a Scopus Indexed conference.



# LEGENDRY INSIGHTS

## Seven dangers to human virtue

1. Wealth without work
2. Pleasure without conscience
3. Knowledge without character
4. Business without ethics
5. Science without humanity
6. Religion without compassion
7. Politics without principle

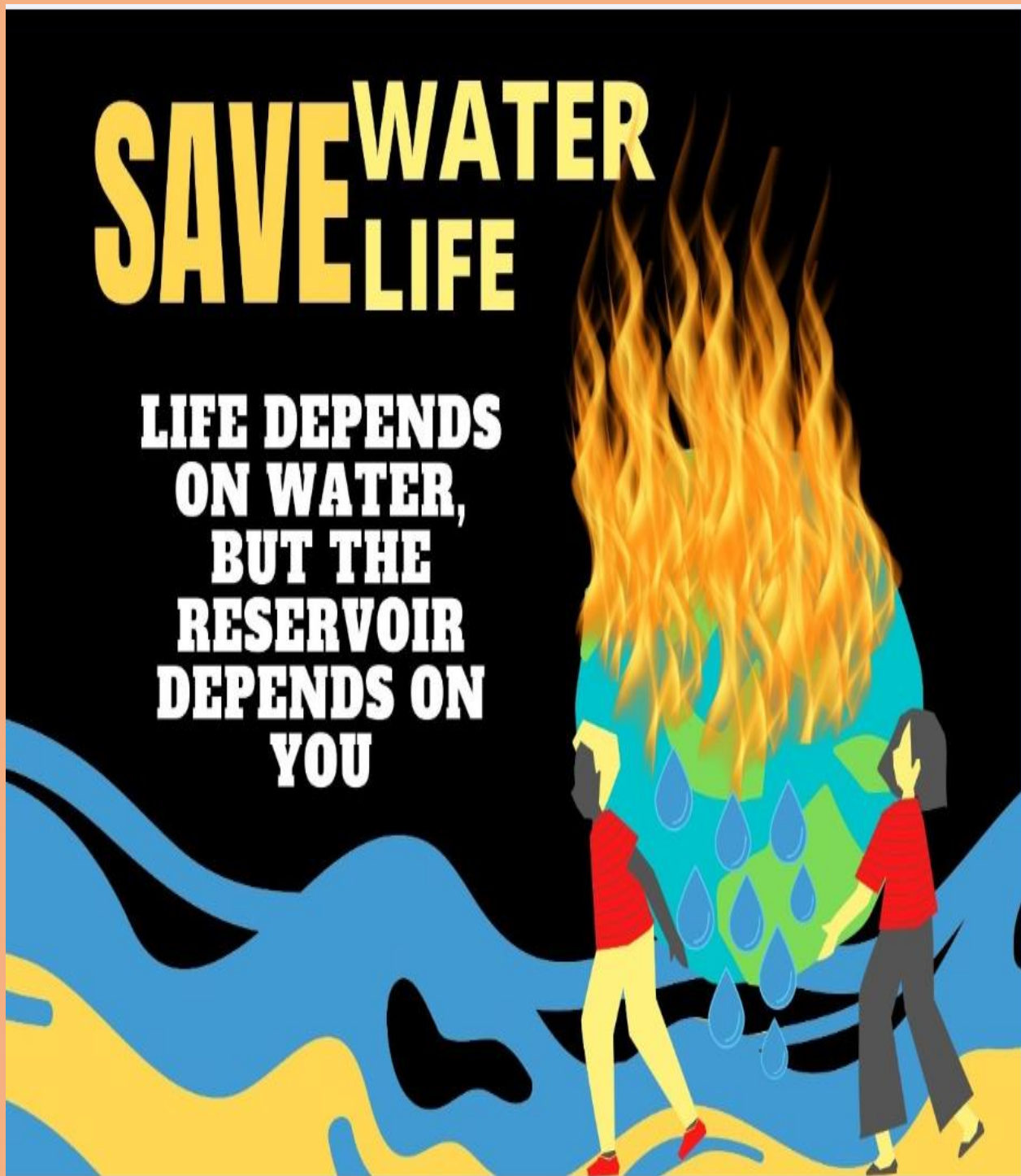




## CREATIVE CORNER



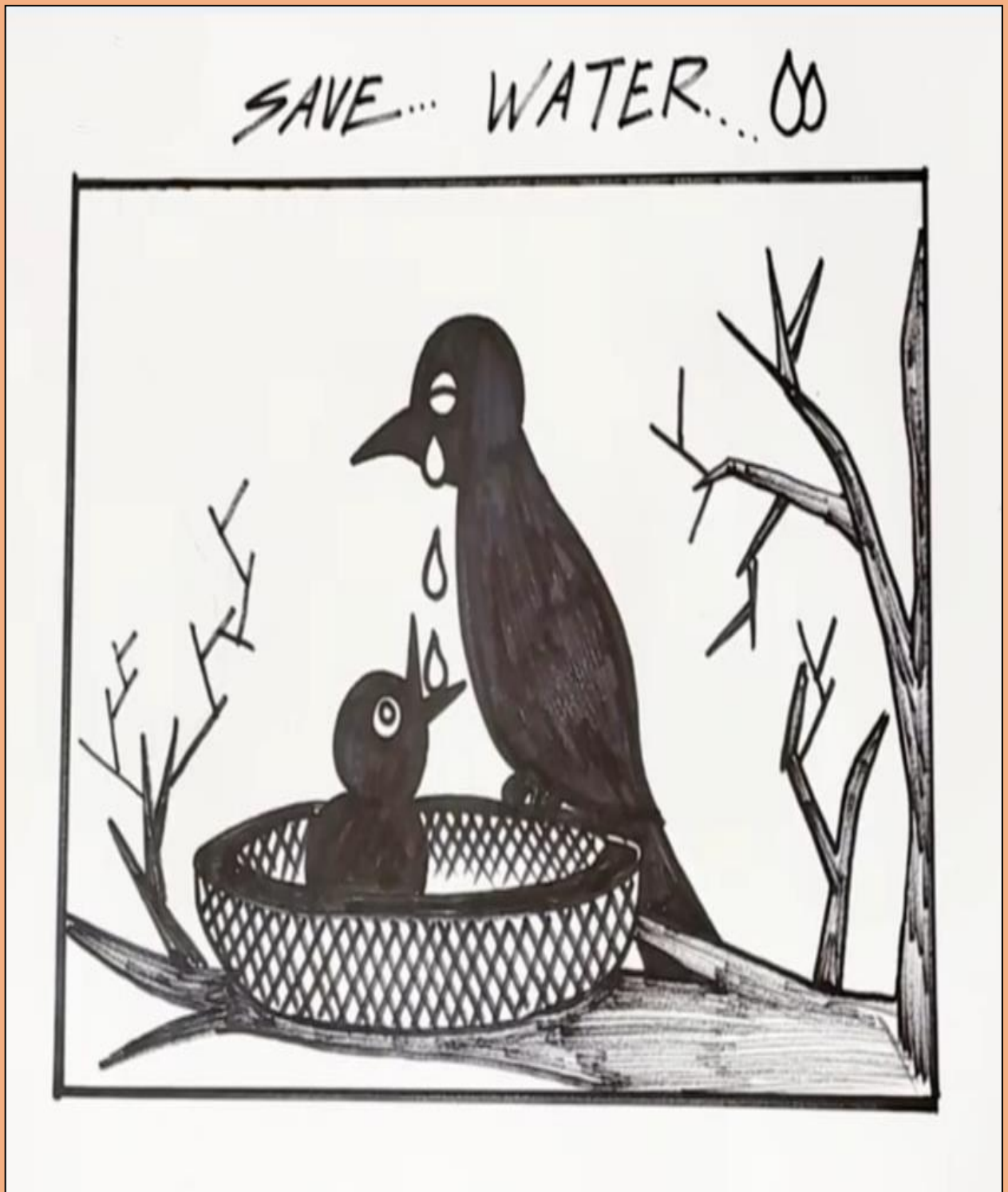
**AI&DS | POSTER PRESENTATION**



**SANTHIYA A**

**II AI & DS**

## AI&DS | POSTER PRESENTATION



DEEPAK DARSHAN J

II AI & DS



## AMAZING FACTS - MORE TREES ON EARTH THAN STARS IN GALAXY

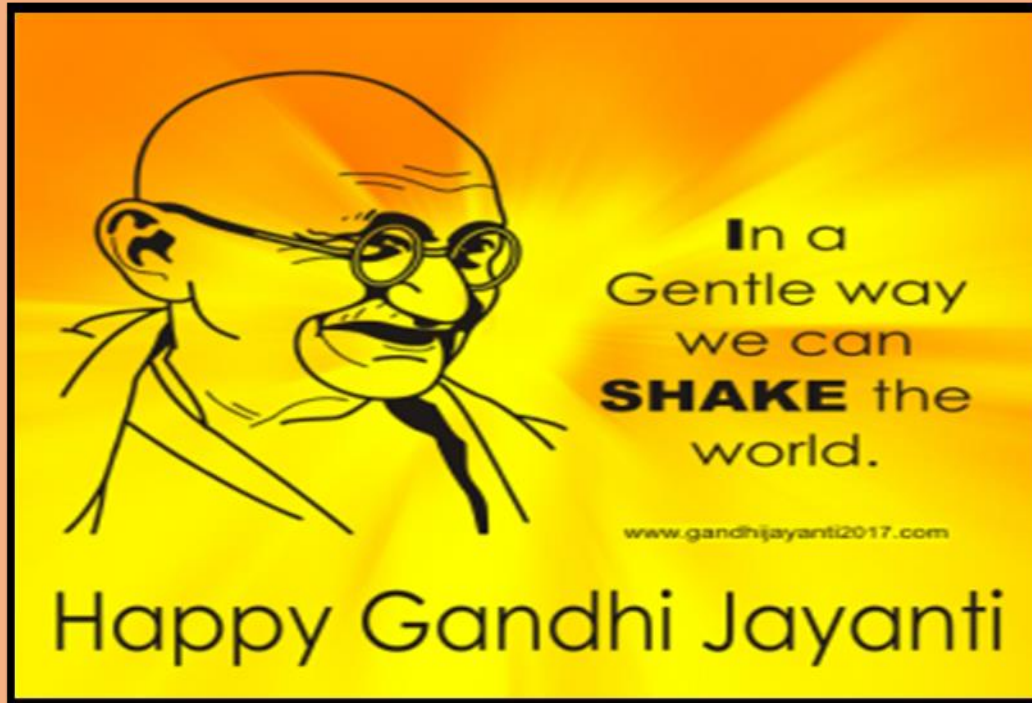


Strange but true - there are 12 times more trees on Earth than stars in the Milky Way. Scientists estimate there are between 200 - 400 billion stars in our galaxy while there are an estimated 1 trillion trees on Earth! Like the stars, trees live a long time and are truly important for life.

Anjali, Ancy Sneha, III IT A



## REMEMBERING AN UNDYING INSPIRTION- MAHATMA GANDHI JI



In the backdrop of the materialistic culture that dominates our world, Gandhi's idea of **simple living and strong faith in the power of truth and nonviolence** can be the guiding light for a generation which more often seems to getting diverted from the road of values and ethics. On the essence of truth, Gandhi had said, '**An error does not become truth by reason of multiplied propagation, nor does truth become error because nobody sees it. Truth stands, even if there be no public support. It is self sustained**'. This is an apt reminder for all of us to stand by truth by all means.

*Let's follow the path of truth and wisdom and pay homage to our Father of Nation on this day.*