

VOL 10, ISSUE 1, 2.12.19

SKCT DIGEST



EDITOR IN CHIEF

Dr.Srinivasan Alavandar,
Principal

CO -EDITOR

Dr.Thiyagarajan, S & H

EDITORS

Dr.P.Manju, ICE

Dr.T.Rajesh Kumar, IT

Mr.N.Karthikeyan, SOM

Mr.Sethu Narayanan, S & H

INSIDE THE ISSUE

Tech Challenge Award

Vishwakarma Award

Knowledge Update

Knowledge Share

Participation

Research & Development

SKCT in NEWS

Accomplishments

TECH CHALLENGE AWARD



Team SKCT received the award of highest campus participation in Level 1 at Capgemini Tech Challenge 2019, a unique hackathon on emerging digital technologies to engage with tech enthusiasts. Appreciations to Mr. M Navin Kumar, AP, ECE and other department coordinators and all the members of faculty who had supported for the event.

AICTE VISHWAKARMA AWARDS 2019

The AICTE Vishwakarma Awards 2019 is being organised by All India Council for Technical Education (AICTE) for promoting innovative spirit and scientific temperament for holistic development of society through the stake holders of its approved institutes. By means of this competition, the innovations and achievements of individuals and institutions/ organizations will be recognized and applauded.



AICTE Vishwakarma Awards

On the whole 401 Teams were shortlisted for second round. Out of that two teams from SKCT will be entering Finals. The event was coordinated by Dr.R.Kanmani, Associate Professor, IT. The following are the two teams,

1. The project “IoT assisted Biomass post-harvest Processor to reduce the spoilage of the produce” by Ms. M. Mariammal, Ms. M. Menaka, Ms. V. Naumitha Prebha of III ECE B Section & Ms. P. Kiruthika of III CSE B Section under the guidance of Dr. S. Malathy, Professor, ECE.
2. The Project “Effective usage of barren land through vehicle farming” by Mr.S.Prem Kiran, Ms.Divya Thulasidass, Mr.V.Dharshan, Mr.S.Logess of III BE Civil under the guidance of Ms.R.Preethi, Assistant Professor, Civil Engineering.

KNOWLEDGE UPDATE



Dr.T.Rajesh Kumar, Associate Professor of IT & Ms.Suganya, Assistant Professor of CSE have attended the CSIR sponsored One-Day Seminar on “Adversarial Deep Learning: Threats, Challenges and Defence Mechanisms in Cyber Forensics” held at Kongu Engineering College, Perundurai.

KNOWLEDGE UPDATE



Mr. A Prasath Kumar, Assistant Professor, SOM is currently undergoing a Two-Day FDP on Outcome Based Education which is being conducted at Xavier institute of Management and Entrepreneurship, Kochi.

KNOWLEDGE UPDATE



Dr.R.Suganya, Assistant Professor of IT & Ms. M. S. Sruthi, Assistant Professor of CSE have successfully completed the RED HAT CERTIFIED SYSTEM ADMINISTRATOR (RHCSA) certification exam and certified as a RHCSA by Red Hat held at Sri Krishna Arts and Science College, Coimbatore.

KNOWLEDGE UPDATE



Mr R Rajesh, Assistant Professor, Department of ICE is undergoing MHRD TEQIP - III Sponsored faculty development programme on Process Control, Instrumentation and Automation during 2nd - 7th December 2019 at NIT, Calicut.

KNOWLEDGE SHARE



Mr. S. Ganesh Prabhu- Assistant Professor, Department of ECE, disseminated the points highlighted in the TEQIP III sponsored One-week Short Term Course on “Retuning Industrial Challenges using IoT and Deep Learning” at Coimbatore Institute of Technology from 25th November 2019 to 1st December 2019, as a part of knowledge sharing session to the members of special Research Interest Group (SRIG-Embedded). The objective of this session is to share the recent advancements in Machine Learning and Deep learning.

PARTICIPATION



The following members of faculty participated in the Anna University, Chennai Zone – IX, X & XI Staff (Men) Cricket Tournament held on 01 December 2019 at United Institute of Technology, Coimbatore.

1. Mr. K.Mohan, Assistant Professor/Mech
2. Mr. K.S.Raghul, Assistant Professor/Mech
3. Mr. T.P.A.Aravind, Assistant Professor/Civil
4. Mr. Nithyanandhan, Assistant Professor/Mech
5. Dr. Manikandan, Assistant Professor/ S&H
6. Mr. Sakthivel, Assistant Professor/EEE
7. Mr. Loganathan, Lab Assistant/ECE
8. Mr. Vijayakumar, Lab Assistant/ECE



RESEARCH & DEVELOPMENT

- An article entitled “Replacement of fine aggregate by using construction demolition waste steel powder in concrete” authored by Ms. S.Nithila, Assistant Professor has been accepted for publication in **Materials Today: Proceedings**.
- The manuscript entitled “Experimental study on stabilization of expansive subgrade using Bio enzyme” authored by Ms. Aparna, Ms. S.Nithila and Ms. K.Reshma Jahaan, Assistant Professors of Civil, has been accepted for publication in “International Journal in Emerging Technologies” (ISSN No. (Print) 0975-8364, Online: 2249-3255).
- The manuscript entitled “Study on strengthening of concrete beam using GFRP laminates” authored by Ms. S.Nithila, Ms. K.Reshma Jahaan and Ms. Aparna, Assistant Professors of Civil has been accepted for publication in “International Journal in Emerging Technologies” (ISSN No. (Print) 0975-8364, Online: 2249-3255).



RESEARCH & DEVELOPMENT

Students of EEE Department have presented papers in the one-day National Conference on "Cutting Edge Technologies in Power Conversion and Industrial Drives" (PCID 2019) organized by the Department of EEE, Bannari Amman Institute of Technology, Sathyamangalam.

- 1) M.Kavinkumar
- 2) N.S.Kokul
- 3) N.S.Krishna
- 4) V.Meha
- 5) J.Kaviya
- 6) M.Priyanka
- 7) Shankar. S
- 8) B.Ragav raj kumar
- 9) R.Meha abinandhana
- 10)N.Meera kumari



Ms.B.Dhanalakshmi, Ms. M. S. Sruthi, and Ms. G. Priyanka, Assistant Professors of CSE Department have cleared the Entrance Exam of Ph.D. Programme.



SKCT IN NEWS



Be self disciplined, Krishna college students told

Coimbatore, Nov 28: Use your fundamental rights in the right perspective, M.Madhivanan, lawyer and panel member of, District Legal Services Authority (DLSA), Coimbatore told students. He was speaking at the National Constitution Day celebration event held at the Sri Krishna Arts and Science College (SKASC), Coimbatore when he said that one cannot claim basic right citing ignorance, fear and social stigma. Moreover, this can never be an impediment to citizen's in ensuring their rights.

He said that its must to know basic info mentioned in the constitution as Indian Constitution was enacted on the presumption that everyone knows law. Constitution and laws are mostly enacted based on the best recognised practices, beliefs, ethics, values, mores, norms, customs, practices and culture.

Natural law is the basis for all enacted legislations. As citizen's, one should follow the fundamental duties and also rightly use the fundamental rights. Child and women abuses are alarmingly increasing in

the society, also school and college students face issues in social media. They are now approaching the legal counsels to get relief from social media problems. Self-discipline is the fundamental aspect to be a good citizen in the society.

Malathi senior advocate and senior advisor, DLSA also spoke at the meeting. Senior advocate M.Appuswamy and Advocate M.R.Ranjithkumar also spoke about the importance of constitution to the students at Sri Krishna College of Engineering and Technology.

In connection with

this event, Sri Krishna College of Technology (SKCT), Sri Krishna Adithya College of Arts and Science (SKACAS), Sri Krishna Polytechnic College (SKPTC), Kuniamuthur Sri Krishna Arts and Science College (SKASC) and Sri Krishna College of Engineering and Technology (SKCET) organised special lectures, debate and model parliament at its colleges.

CEODr.K.Sundararaman, Principals Dr.P.Baby Shakila, Dr.J.Janet, Dr.Srinivasan Alavandar, Dr. Palaniyammal, Dr.Bansal Rajkumar, faculty members and students were present.

Awareness drive against open bore-wells

Coimbatore: Students members of the Centre for Social and Community Services of Sri Krishna College of Technology (SKCT) recently organised an awareness programme to educate the public on the importance of closing unused bore well. The awareness session was organised at Sundakamuthur village. As part of the initiative, the students visited the agriculture fields and residential areas in the village and educated the public about the danger of leaving unused bore-wells open. The student volunteers also spread awareness about the 'Whistle Reporter' a mobile application which can be used to report abandoned bore-wells which alert the people around them.

ஸ்ரீ கிருஷ்ணா கல்லூரி சார்பில் ஆழ்துளைக் கிணறுகள் குறித்து விழிப்புணர்வு



திறந்தவெளி ஆழ்துளைக் கிணறுகள் குறித்து கண்டக்காழுத்தார் பகுதியில் பொதுமக்களுக்கு விழிப்புணர்வு ஏற்படுத்தும் ஸ்ரீ கிருஷ்ணா தொழில்நுட்பக் கல்லூரி மாணவ-மாணவிகள்.

கோவை நவ 29: கோவைப்புதூர் ஸ்ரீ கிருஷ்ணா தொழில்நுட்பக் கல்லூரியின் கிராம மேம்பாட்டு சமுதாய மையம் சார்பில் கண்டக்காழுத்தார் சுற்று வட்டாரப் பகுதிகளில் திறந்தவெளி ஆழ்துளைக் கிணறுகள் குறித்த விழிப்புணர்வு நிகழ்ச்சி தொடங்கியுள்ளது.

திருச்சி மாவட்டத்தில் திறந்தவெளி ஆழ்துளைக் கிணற்றில் விழுந்து சிறுவன் உயிரிழந்ததை அடுத்து, மாநிலம் முழுவதிலும் திறந்தவெளி ஆழ்துளைக் கிணறுகளை மூடுவதற்கு அரசு உத்தரவிட்டுள்ளது. இதை யடுத்து திறந்தவெளி ஆழ்துளை கிணறுகளால் ஏற்படும் விபரீதங்கள் குறித்தும், அவற்றை முறைப்படி மூடவும் வலியுறுத்தியும் ஸ்ரீ கிருஷ்ணா தொழில்நுட்பக் கல்லூரியின் கிராம மேம்பாட்டு சமுதாய மையத்தின் மாணவர்கள் விழிப்புணர்வு பிரசாரத்தைத் தொடங்கியுள்ளனர்.

தொடர்ந்து ஒவ்வொரு கிராமமாகச் சென்று, ஆழ்துளைக் கிணறுகளைக் கண்டறிந்து அவற்றை மூடுவதற்கான நடவடிக்கைகளில் ஈடுபட்டு வருகின்றனர். இந்த விழிப்புணர்வு தொடர் நிகழ்ச்சியை கல்லூரி முதல்வர் சீனிவாசன் ஆளவந்தார் தொடங்கி வைத்தார். பொறியியல் துறைப் பேராசிரியர் எஸ்.சுந்தரராஜ், தகவல் தொழில்நுட்பத் துறை இணைப் பேராசிரியர் ஆர்.கண்மணி உள்ளிட்டோர் தலைமையில் மாணவ-மாணவிகள் விழிப்புணர்வு பணிகளில் ஈடுபட்டுள்ளனர்.



கோவை, 29.11 - கோவைப்புதூரில் உள்ள ஸ்ரீ கிருஷ்ணா தொழில்நுட்ப கல்லூரியின் கிராம மேம்பாட்டு சமுதாய மையம் சார்பில் கண்டக்காழுத்தார் பகுதிகளில் ஆழ்துளை கிணறு மூடும் விழிப்புணர்வு முகாம் நடைபெற்றது. கல்லூரியின் மாணவர்கள் கண்டக்காழுத்தார் பகுதிகளில் உள்ள வீடுகள், விவசாயம் செய்யும் பகுதிகளுக்கு சென்று அட்டைகளை ஏற்றி மூடாத ஆழ்துளை கிணறுகளை முறைப்படி மூடவும், இதனால் ஏற்படும் விளைவுகள் மற்றும் விபரீதங்களை விட வேகம் சென்று விழிப்புணர்வு ஏற்படுத்தினர். மேலும், இவர்கள்

கிருஷ்ணா கல்லூரி மாணவர்கள் சார்பில் பயன்படாத ஆழ்துளை கிணறு குறித்து விழிப்புணர்வு

பயன்படாத ஆழ்துளை கிணறுகளை கண்டால் தகுந்த துறையிடம் கூறும்படி அறிவுறுத்தினார்கள். சமீபத்தில் ஏற்பட்ட விளைவுகளையும் விழிப்புணர்வு அறிக்கையுடன் எடுத்து கூறினார்கள். மேலும் இவர்கள் அரசின் இது சார்பு உத்தரவினை சரியாக செயல்படுத்தும்படி அறிவுறுத்தினார்கள்.

விழிப்புணர்வு நிகழ்ச்சியினை கல்லூரியின் முதல்வர் சீனிவாசன் ஆளவந்தார் தொடங்கி வைத்தார். பொறியியல் துறைப் பேராசிரியர் எஸ்.சுந்தரராஜ், தகவல் மற்றும் தொழில்நுட்பத் துறையின் இணைப்பேராசிரியர் ஆர்.கண்மணி ஆகியோர் தலைமையில் மாணவ மாணவிகள் விழிப்புணர்வு பணியில் ஈடுபட்டனர்.

SKCT IN NEWS

THE HINDU
EDUCATION PLUS
GET THE EDGE

SKCT Students Created Awareness for the Closure of Unused Bore Wells



Sri Krishna College of Technology Students conducted an awareness campaign to close the bore-wells in Sundakamuthur areas. The Centre for Social and Community Services of SKCT organised an awareness programme for the Closure of unused bore well at Sundakamuthur village. Students of SKCT along with faculties visited the agriculture fields and residential areas met the people and gave one to one counselling to the public about the menace of unclosed bore-wells. They were explained about the TWAD which helps them to close the unused borewells and help in converting the uninhibited borewells into rainwater harvesting structures. Dr.Srinivasan Alavandar, Principal of the college kicked off this awareness campaign.

ACCOMPLISHMENTS



Elite

NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
PRABUSANKAR
for successfully completing the course
Toyota Production System

with a consolidated score of **75** %

Online Assignments	22.75/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **424**

Prof. V. C. Srivastava
Coordinator, Continuing Education Centre
IIT Roorkee

Aug-Oct 2019
(8 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

Roll No: NPTEL19MG57S41232626

To validate and check scores: <https://nptel.ac.in/noc>

Dr. R Prabusankar, Professor- SoM, has cleared NPTEL Exam on Toyota Production System in Elite plus Silver Category.



Elite

NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
PRABUSANKAR
for successfully completing the course
Training of Trainers

with a consolidated score of **65** %

Online Assignments	18.44/25	Proctored Exam	46.68/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **491**

Prof. V. C. Srivastava
Coordinator, Continuing Education Centre
IIT Roorkee

Jul-Oct 2019
(12 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee

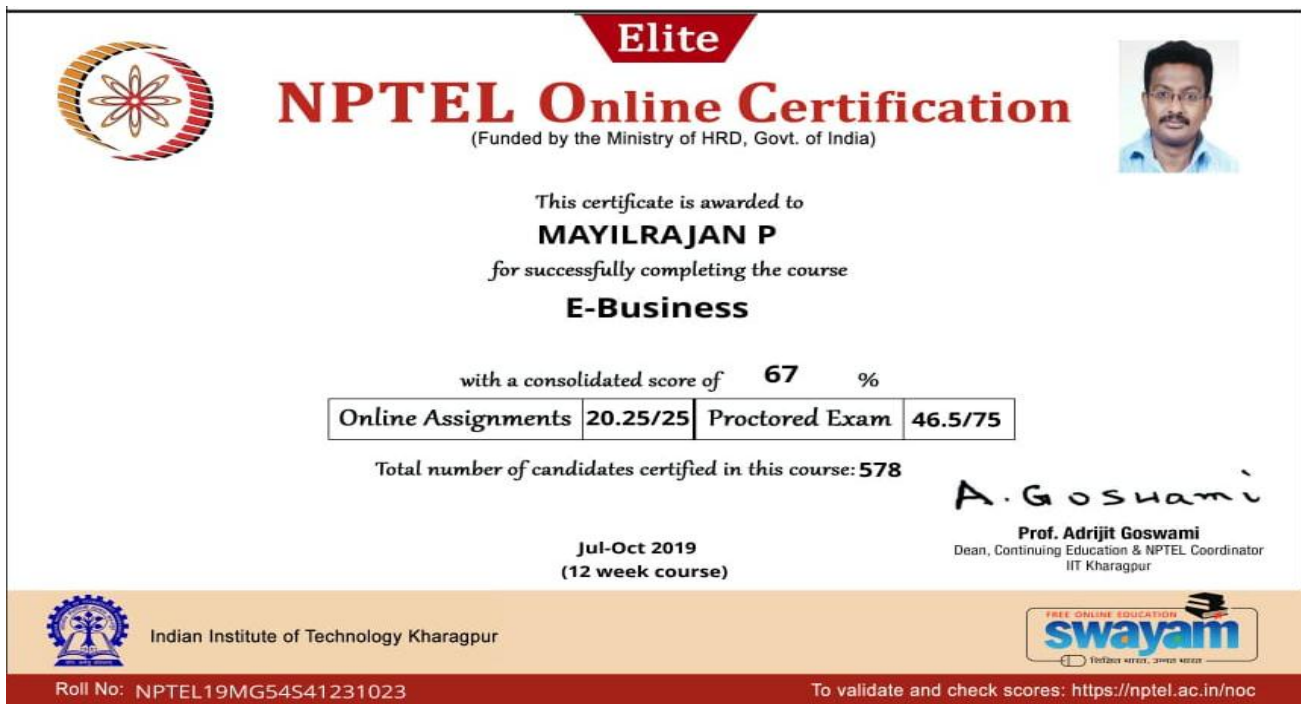
Indian Institute of Technology Roorkee

Roll No: NPTEL19MG32S51232237

To validate and check scores: <https://nptel.ac.in/noc>


Dr. R Prabusankar, Professor- SoM, has cleared NPTEL Exam on Training of Trainers in Elite Category.

ACCOMPLISHMENTS



Elite

NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
MAYILRAJAN P
for successfully completing the course
E-Business


with a consolidated score of **67** %

Online Assignments	20.25/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------


Total number of candidates certified in this course: **578**

Jul-Oct 2019
(12 week course)

A. Goswami
Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG54S41231023


To validate and check scores: <https://nptel.ac.in/noc>

Mr. P Mayilrajan, Assistant Professor- SoM, has cleared NPTEL Exam on E-Business in Elite Category.



Elite

NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
DR. RAJKUMAR S
for successfully completing the course
Training of Trainers

with a consolidated score of **62** %


Online Assignments	18.44/25	Proctored Exam	43.62/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **491**

V. C. Srivastava
Prof. V. C. Srivastava
Coordinator, Continuing Education Centre
IIT Roorkee

Jul-Oct 2019
(12 week course)

Inderdeep
Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL19MG32S51232239

To validate and check scores: <https://nptel.ac.in/noc>

Dr. S Rajkumar, Assistant Professor- SoM, has cleared NPTEL Exam on Training of Trainers in Elite Category.

ACCOMPLISHMENTS

Elite

NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
SUNDARARAJ S
for successfully completing the course
Concepts of Thermodynamics

with a consolidated score of **86** %

Online Assignments	24.25/25	Proctored Exam	61.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **340**

Jul-Oct 2019
(12 week course)

A. Goswami
Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

Indian Institute of Technology Kharagpur

Roll No: NPTEL19ME56S51231667

To validate and check scores: <https://npTEL.ac.in/noc>

Dr.S.Sundararaj, Professor, Department of Mechanical Engineering Successfully Completed the 12-week course on “Concepts of Thermodynamics” with Elite+Silver grade and also secured the "TOPPER" position in the NPTEL exam conducted in November 2019.

Elite

NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
S.VINODH KUMAR
for successfully completing the course
Engineering Metrology

with a consolidated score of **72** %

Online Assignments	22.44/25	Proctored Exam	49.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **875**

Jul-Oct 2019
(12 week course)

Satyaki Roy
Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

Roll No: NPTEL19ME70S51230259

To validate and check scores: <https://npTEL.ac.in/noc>

Mr.S.Vinodh Kumar, Assistant Professor, Department of Mechanical Engineering Successfully Completed the 12-week course on “Engineering Metrology” with Elite grade.