



# SKCT DIGEST



VOLUME 16 ISSUE 13

16 MAY 2020

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Dr Srinivasan Alavandar

Principal

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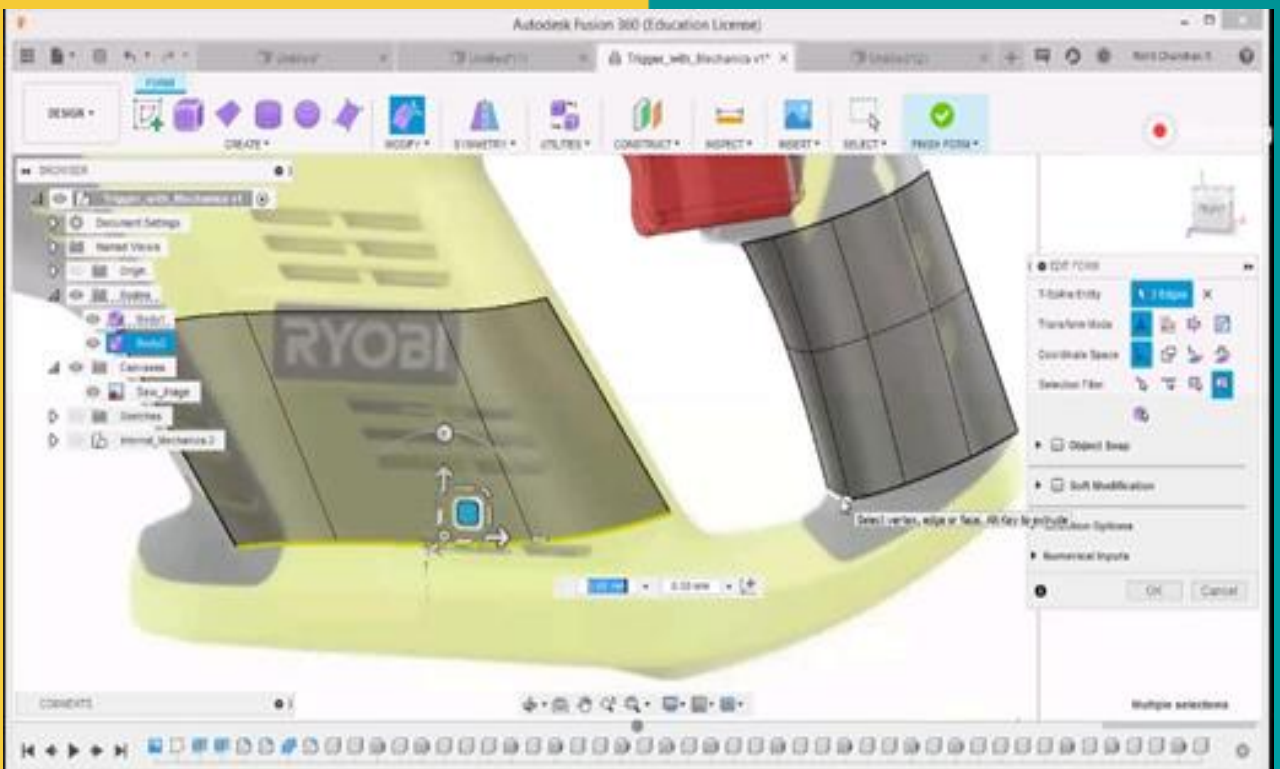
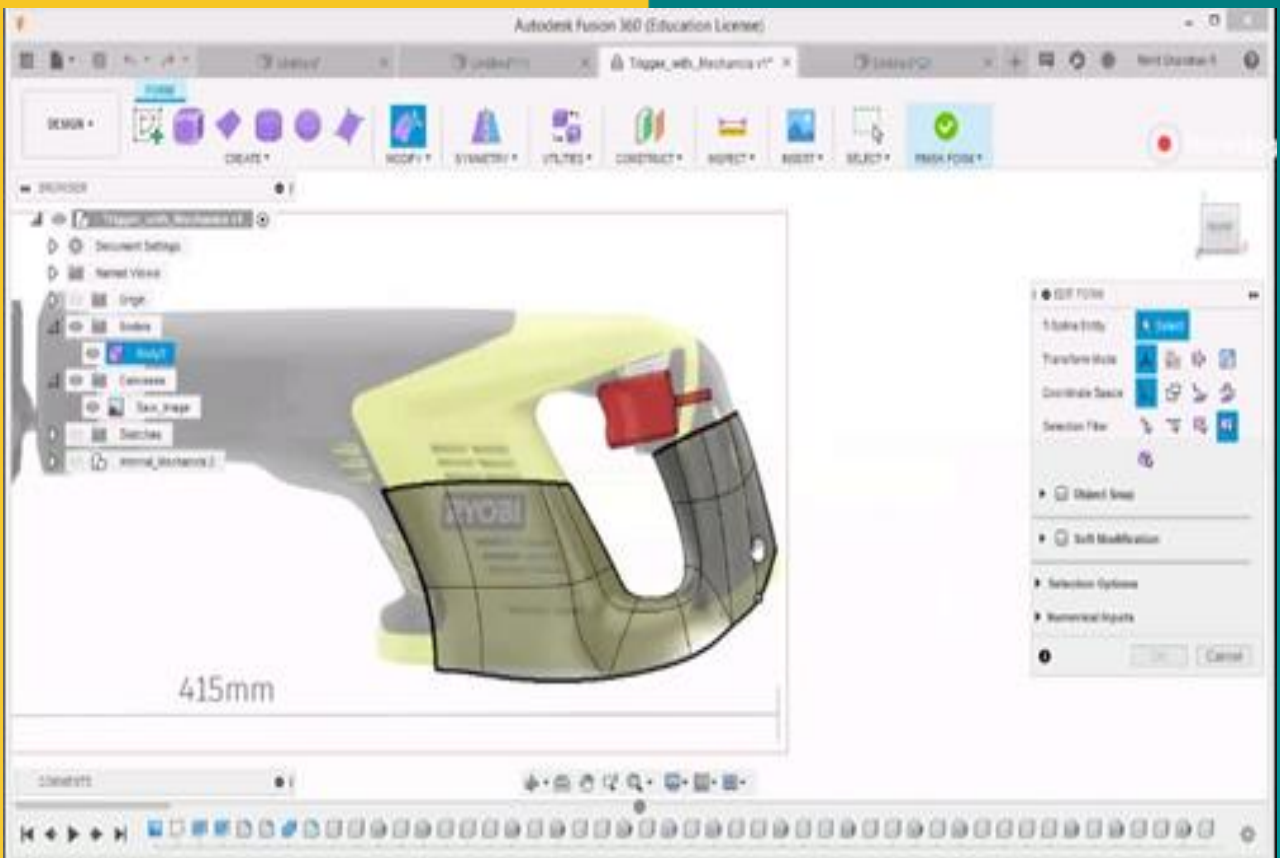
Ms S Thenmozhi, ECE

Ms A Little Judy, EEE

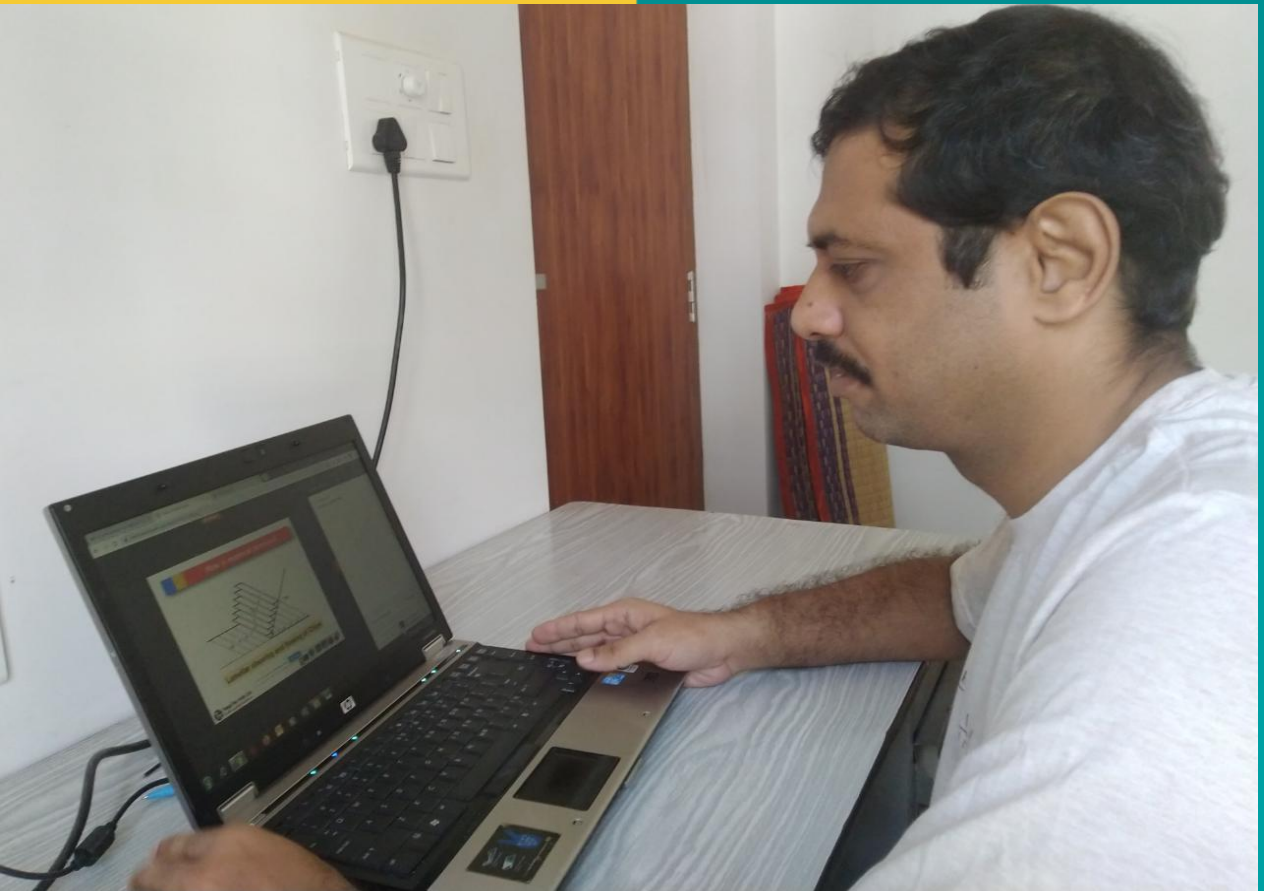
## IN THIS ISSUE

- New Vistas Of Learning
- FDPs Attended
- Talk Series
- Students' Participation
- Faculty Participation
- Meetings & Discussions

# NEW VISTAS OF LEARNING



The Dept. of Mechanical Engineering organized a Webinar on “Autodesk Fusion 360” conducted by Auto Desk for the II B.E. Mechanical Engineering Students on 15 May 2020.



Dr R Srinivasan, Professor, Dept. of Mechanical Engineering attended a Webinar on “**Industry 4.0**” organized by Chennai Institute of Technology on 15 May 2020.



Mr. ARIVUMANI RAVANAN



N. Siva Shanmugam

Dr. N. Siva Shanmugam, Department of Mechanical Engineering  
Webinar series – KIT, Coimbatore

## Structural Analysis

Structural analysis is used to determine the displacements, stresses, strains, and forces in structures or components caused by loads that do not induce significant inertia and damping effects.

The kinds of loading that can be applied in a structural analysis include:

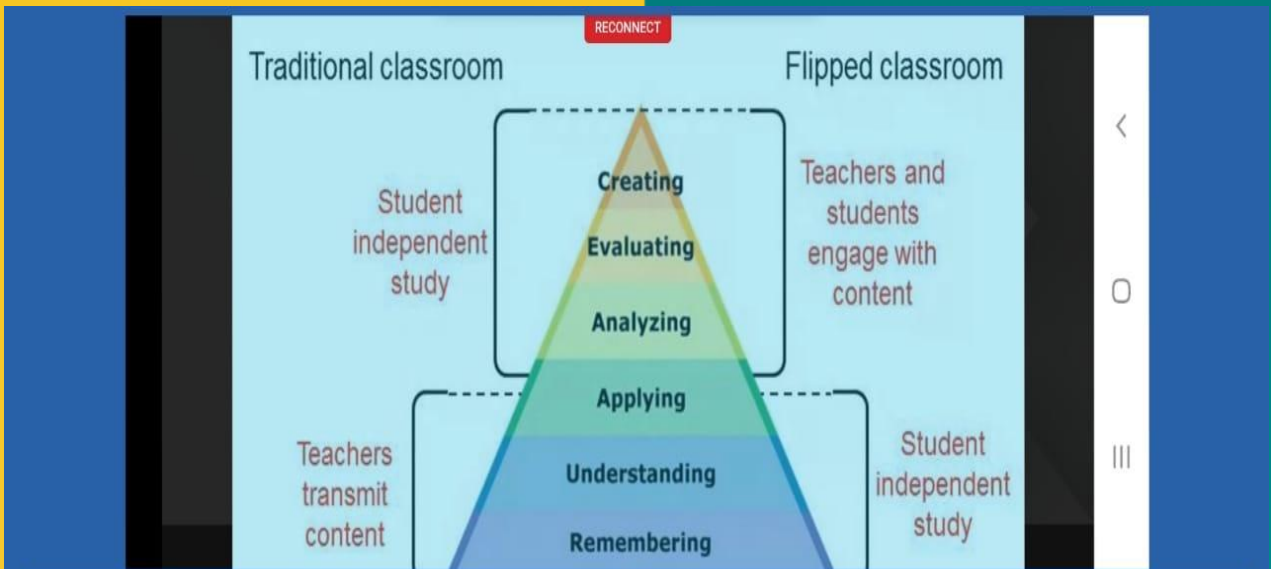
- Externally applied forces and pressures
- Steady-state inertial forces (such as gravity or rotational velocity)
- Imposed (nonzero) displacements
- Temperatures (for thermal strain)

Chat publicly as Arun karthick Pa...

National Institute of Technology, Trichy

2

Mr P Arun Karthick, Asst. Professor, Dept. of Mechanical Engineering attended a Webinar on “**FE Simulation on Laser Welding Process**” organized by Kalaignar Karunanithi Institute of Technology, Coimbatore on 16 May 2020.



RECONNECT

DIGITAL EVERYWHERE - Remastering for Digital

RECONNECT

Digital to the Core

RECONNECT

Producing Videos – Your own or someone else

- Plan your lesson
- Record the video

What will I do in additional class times

- Engage in deep analysis
- Spend time on in-depth experiments
- Project based learning
- Encourage students to create content

RECONNECT

STUDENTS will love it...

Stay Current  
When you are absent

My Pace My Choice  
I am a slow learner

Invest  
In Computer / Home connectivity

Listen at home and Apply in class  
Investigation and Interactive activities

I am in Control  
Ownership of learning

Overcome Learning breakdown  
Using MOOC / Openair adaptive interactive tool

Mr M Navin Kumar, Asst. Professor, Dept. of ECE attended a Webinar on **“Digital Learning - Adapted by Chance, Let's Adopt by Choice!”** organized by Chennai Institute of Technology on 16 May 2020.

# Applicability of IoT in Agriculture

## Motivation: Why High-Tech Agriculture?

To Maximize the profit:

- 1- Same output with lower input
- 2- Higher output with the same input
- 3- Higher output with lower input ✓



- ✓ Soil and water
- ✓ Fertilizer
- ✓ Pesticide / herbicide
- ✓ Machinery/ha
- ✓ Manpower/ha
- ✓ Manual operation

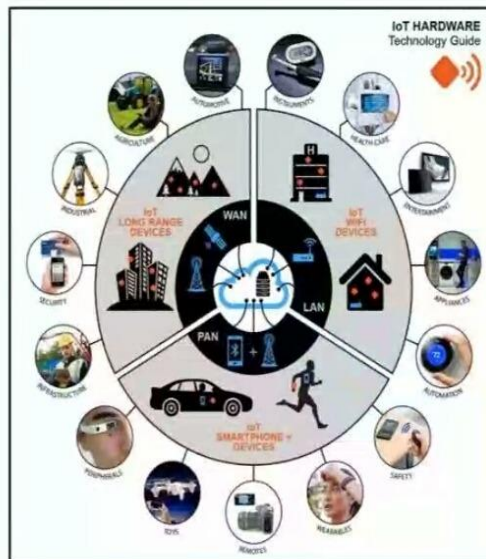
Rathan.N ECE-HIT  
Ok mam

You



## Certain challenges you need to be aware

1. Hardware
2. The Brain
3. Maintenance
4. Mobility
5. Infrastructure



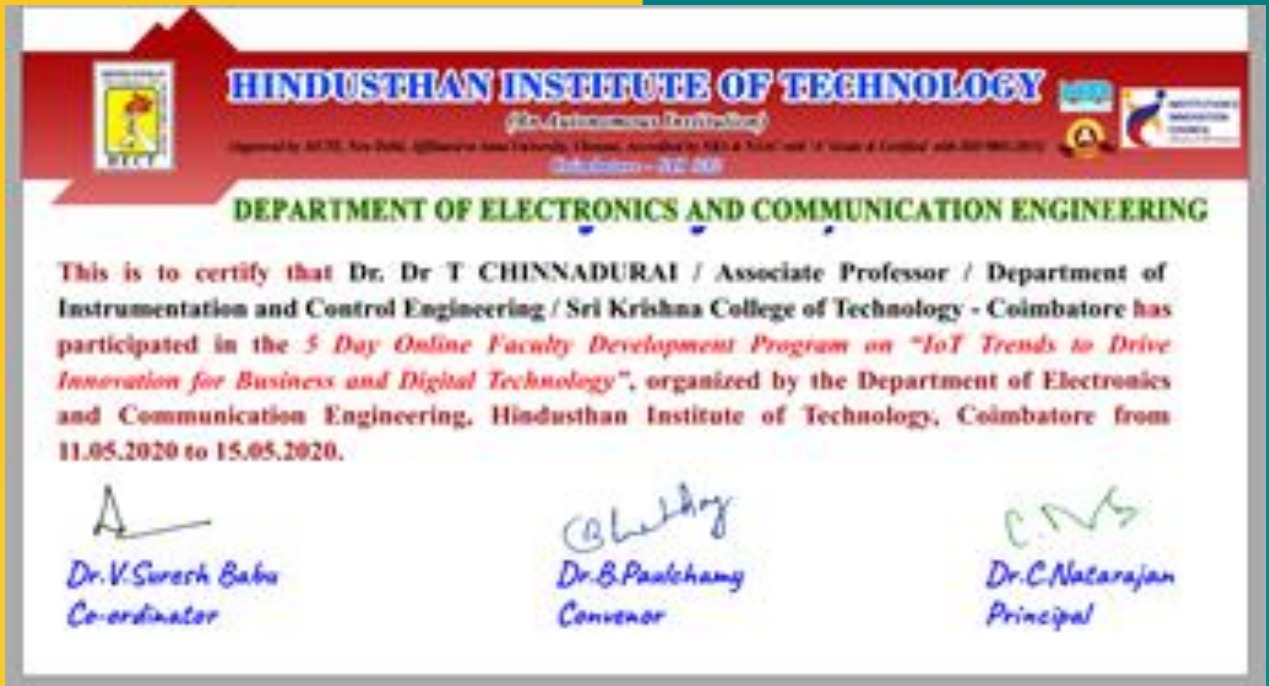
5/15/2020

You

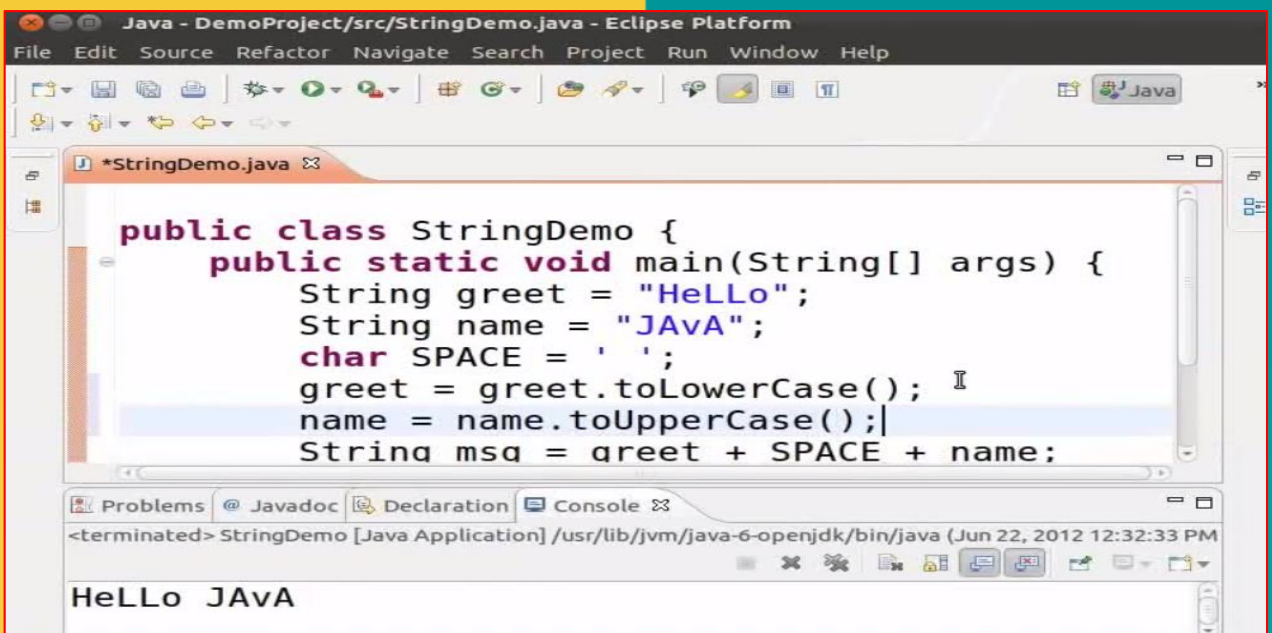


Ms M Jaishree and Ms S Thenmozhi, Asst. Professors, Dept. of ECE attended the fifth day of the five-day Faculty Development Programme on **“IoT Trends to Drive Innovation for Businesses and Digital Technology”** conducted by Hindustan Institute of Technology on 15 May 2020.

# FDPs ATTENDED



Dr T Chinnadurai, Asso. Professor, Dept. of ICE completed the five-day Online Faculty Development Program on **"IoT Trends to Drive Innovation for Business and Digital Technology"**, organized by the Dept. of ECE, Hindusthan Institute of Technology, Coimbatore during 11 - 15 May 2020.



Dr M Deva Priya, Asso. Professor, Dept. of CSE attended the two-day Faculty Development Programme on **"Java Programming"** organized by VIT, Chennai in association with Spoken Tutorial, IIT Bombay.

# TALK SERIES

**NPTEL SPECIAL LECTURE SERIES**

**cm<sub>i</sub>**  
CHENNAI MATHEMATICAL INSTITUTE

## Other Careers that harness Mathematical Talent...

Milton Friedman went on to receive the Nobel Memorial Prize in Economic Sciences in 1976.

And Harry Markowitz too received the Nobel Memorial Prize in Economic Sciences in 1990 - for the work that Milton Friedman had questioned!

Rajeeva L. Karandikar  
Director, Chennai Mathematical Institute

Career Options that Leverage Mathematical Talent - 28

**NPTEL SPECIAL LECTURE SERIES**

**cm<sub>i</sub>**  
CHENNAI MATHEMATICAL INSTITUTE

## Desirable skill set for a career in Data Science

I have been involved with opinion polls and prediction of election outcomes. Once I had been assigned a team of software engineers to implement my algorithms. After several interactions, I discovered that the team had no familiarity with terminology from the election domain.

They did not seem to know that each party can have at most one candidate in a constituency. Their database design allowed for thousands of candidates from each party in each constituency!

And later, I discovered that they seemed to think that **Independent** is the name of a political party!

Rajeeva L. Karandikar  
Director, Chennai Mathematical Institute

Career Options that Leverage Mathematical Talent - 29

30 KB/s [VOLTE] 7:27 p.m. 44%

Live\_Career Options that Leverage Mathematical Talent

**Live\_Career Options that Leverage Mathematical Talent**

1,032 watching now

515 13 Share Report Down

**NPTEL LIVE...** 55.6K subscribers **SUBSCRIBE**

Up next Autoplay

Live webinar on "Precautions while doing Company Audits during the Year 2020 for Members in Practice-in light of Covid-19"

**Chaired By:** CA. Satish K. Gupta, Chairman, CMP, ICAI

**Speaker:** CA. Chintan Patel, CA. Nipun Singhvi

**Q&A Session and Vote of Thanks:** CA. Prasanna Kumar D, Vice Chairman, CMP, ICAI

**Moderators:** CA. Presh Jain, Vice Chairman - Bhilwara Branch of CIRC of ICAI

**Live\_Career Options that Leverage Mathematical Talent**

408 watching now

749 20 Live chat Share Rep

**NPTEL LIVE STRE...** 55.8K subscribers **SUBSCRIBED**

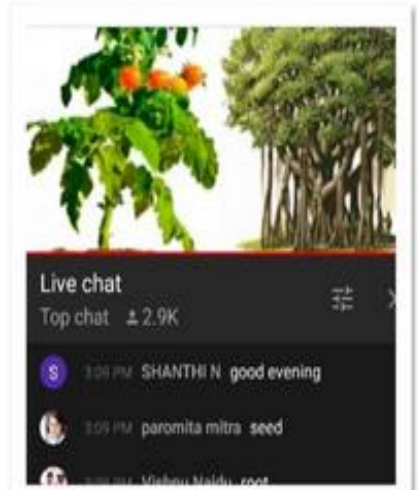
Started streaming 86 minutes ago

Please post your Comments & Questions in this Google form link: <https://tinyurl.com/NPTEL-15thMay-Mat...>

Presenter: Rajeeva Karandikar  
Director  
Chennai Mathematical Institute

75 Members of Faculty and 297 Students of SKCT attended the NPTEL Lecture Series on **“Career Options that Leverage Mathematical Talent”** conducted by Prof. Rajeeva Karandikar, Director, Chennai Mathematical Institute on 15 May 2020. Mr S Ganesh Prabhu, Asst. Professor, Dept. of ECE coordinated the event.





Dr Srinivasan Alavandar, Principal, Heads of Departments, Members of Faculty and Students of Sri Krishna College of Technology, Coimbatore attended the Online Session on **“Innovation Risk Diagnostic – Product Innovation Rubric (PIR)”** conducted by Dr Lakshmi Meera, Program Director, Forge Incubator on 15 May 2020. Ms V Roopa, Asst. Professor, Dept. of IT coordinated the session.

**Leadership talk**  
with  
**Dr. Pramod Chaudhari**

**Dr. Pramod Chaudhari**  
Founder, Chairman  
Praj Industries Limited

**Dr. Abhay Jere**  
Chief Innovation Officer  
MHRD Innovation Cell

JOIN US ON TWITTER LIVE  
LIVE @abhayjere

Saturday 16<sup>th</sup> May 2020 at 01.00 PM

Follow us on [www.twitter.com/mhrd\\_innovation](http://www.twitter.com/mhrd_innovation)

@koolmathew joined

@vakithabegam  
Good afternoon sir.. This is VAKITHABEGAM AP/S&H maths from Sri Krishna college of Technology, CBE

@Senthamizh1907  
Voice is not clear

@a7R7puLISfndpc8  
hlo sir

@pranjal29  
Good Morning sir, I am Pranjal Gupta from Sagar Institute of Technology Bhopal, M.P.

6 New Messages

1.5K

say something...

**Dr. Abhay Jere** @abhayjere · 4m

LeadershipTalk with Dr. Pramod Chaudhari, Founder & Chairman, Praj Industries Ltd

**Dr. Abhay Jere** @abhayjere

LeadershipTalk with Dr. Pramod Chaudhari, Founder & Chairman, Praj Industries Ltd

[pscpcp.tv](http://pscpcp.tv)

Members of Faculty and Students from SKCT attended the Next Episode of India First “**Leadership Talk**” with Dr Pramod Chaudhari, Founder-Chairman, Praj Industries Limited & Dr Abhay Jere, Chief Innovation Centre, MHRD Innovation Cell through Twitter live on 16 May 2020. Ms V Roopa, Asst. Professor, Dept. of IT coordinated the session.

# STUDENTS' PARTICIPATION



Ms V Sheeba, a student of III B.E. EEE B Section sketched the Pencil Drawing & Painting representing **“Girls are Pearls, Ladies are Rubies, Mothers are Moulders, and Women are Wonderful”** during Covid-19 Lockdown.

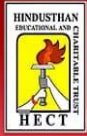
# FACULTY PARTICIPATION



Mr T P A Aravind, Asst. Professor, Dept. of Civil Engineering completed a module on “**10 Reasons to Get - and Use - an ORCID ID**” under the topic “**Fundamentals of Publishing**” offered in Elsevier – Researcher Academy Portal on 16 May 2020.



Ms G Sandhya, Asst. Professor, Dept. of CSE completed a certification on “**Introduction to Project Management**” offered by Simplilearn on 16 May 2020.



# HINDUSTHAN INSTITUTE OF TECHNOLOGY

(An Autonomous Institution)

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai, Accredited by NBA & NAAC with 'A' Grade & Certified with ISO 9001:2015)

Coimbatore - 641 032



## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

AM4SQ0-CE000037

### Certificate of Participation

This is to certify that Dr. Saravanan S/ Assistant Professor/ Electrical and Electronics Engineering/ Sri Krishna College of Technology has participated in the **5 Day Online Faculty Development Program on "IoT Trends to Drive Innovation for Business and Digital Technology"**, organized by the Department of Electronics and Communication Engineering, Hindusthan Institute of Technology, Coimbatore from 11.05.2020 to 15.05.2020.

Dr.V.Suresh Babu

Co-ordinator

Dr.B.Paulchamy

Convenor

Dr.C.Natarajan

Principal



# HINDUSTHAN INSTITUTE OF TECHNOLOGY

(An Autonomous Institution)

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Coimbatore - 641 032



## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

AM4SQ0-CE000032

### Certificate of Participation

This is to certify that Dr. P . Pandiyan / Assistant Professor / EEE Department / Sri Krishna College of Technology, Coimbatore-42 has participated in the **5 Day Online Faculty Development Program on "IoT Trends to Drive Innovation for Business and Digital Technology"**, organized by the Department of Electronics and Communication Engineering, Hindusthan Institute of Technology, Coimbatore from 11.05.2020 to 15.05.2020.

Dr.V.Suresh Babu

Co-ordinator

Dr.B.Paulchamy

Convenor

Dr.C.Natarajan

Principal

Members of faculty, Dept. of EEE have been certified for having successfully completed the five-day Faculty Development Programme on **"IoT Trends to Drive Innovation for Business and Digital Technology"** organized by the Dept. of Electronics and Communication Engineering, Hindusthan Institute of Technology, Coimbatore during 11-15 May 2020.



# R.M.K. ENGINEERING COLLEGE



RSM Nagar, Kavaraipettai-601206

Affiliated to Anna University, Chennai / Approved by AICTE, New Delhi /  
Accredited by NAAC with A+ Grade/ISO 9001:2015 Certified Institution /  
All UG Programmes are accredited by NBA, New Delhi.



## Institution's Innovation Council

(Ministry of HRD Initiative, Govt. of India)

### Certificate of Participation

This is to certify that

**Dr.K.Gaayathry**

Participated in the webinar on “IPR and IP Management for Innovation  
and Start-ups” presented by Mr.O.Prasad Rao, Deputy Controller of  
Patents and Design, IP India, Govt.of India on 15.05.2020

**Dr.K.A.Mohamed Junaid**  
Principal

**Shri.R.S.Munirathinam**  
Chairman

Dr K Gaayathry, Asst. Professor, Dept. of EEE has been certified for having successfully attended the Webinar on “IPR and IP Management for Innovation and Start-ups” organized by RMK Engineering College, Kavaraipettai, Thiruvallur District on 15 May 2020.



# Certificate of Participation

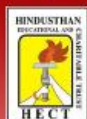
This is to certify that **R R THIRRUNAVUKKARASU** participated in the **Python 3.4.3** training organized at **Sri Krishna College of Technology** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Python 3.4.3** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay, funded by the National Mission on Education through ICT, MHRD, Govt. of India.

May 14th 2020

Prof. Kannan Di Moudgalys  
IIT Bombay

Mr R R Thirrunavukkarasu, Asst. Professor, Dept. of ECE has been certified for having completed the training on “**Python 3.4.3**” organized by SKCT in association with Spoken Tutorial Project, IIT Bombay.



## HINDUSTHAN INSTITUTE OF TECHNOLOGY

(An Autonomous Institution)

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai, Accredited by NBA & NAAC with 'A' Grade & Certified with ISO 9001:2015)  
Coimbatore - 641 032



### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

AM4SQ0-CE000017

### Certificate of Participation

This is to certify that **Ms. S THENMOZHI** has participated in the **5 Day Online Faculty Development Program on “IoT Trends to Drive Innovation for Business and Digital Technology”**, organized by the Department of Electronics and Communication Engineering, Hindusthan Institute of Technology, Coimbatore from **11.05.2020 to 15.05.2020**.

Dr. V. Suresh Babu  
Co-ordinator

Dr. B. Paulchamy  
Convener

Dr. C. Natarajan  
Principal

Ms S Thenmozhi, Asst. Professor, Dept. of ECE has been certified for having completed the five- day Faculty Development Programme on “**IoT Trends to Drive Innovation for Businesses and Digital Technology**” conducted by Hindusthan Institute of Technology during 11 - 15 May 2020.

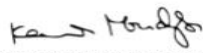


## Certificate of Participation

This is to certify that **TAMIJE SELVY P** participated in the **Python 3.4.3** training organized at **Sri Krishna College of Technology** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Python 3.4.3** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay, funded by the National Mission on Education through ICT, MHRD, Govt. of India.

May 14th 2020

  
Prof. Kannan M Moudgalya  
IIT Bombay

Dr P Tamije Selvy, Professor, Dept. of CSE attended the one-week Training Programme on “**Python 3.4.3**” organized by SKCT during 10-15 May 2020 in association with Spoken Tutorial, IIT Bombay.

## SANTHIRAM ENGINEERING COLLEGE

Approved by AICTE, New Delhi; Permanent Affiliated to JNTU A, Ananthapuramu  
An ISO 9001:2015 Certified Institution, 2(f) & 12(B) Recognition by UGC Act, 1956  
NH-40, Nandyal-518501: Kurnool Dist. A.P.



## Certificate of Appreciation


This is to certify that  
**Ms Viraja Ravi**

From Sri Krishna College of Technology, Coimbatore, Tamil Nadu has participated in One Week Faculty Development Program on **Online Teaching Etiquette and Best Practices** from 10-05-2020 to 15-05-2020, Organized by Santhiram Engineering College. Nandval in collaboration with Talentio Solutions India Pvt. Ltd., Hyderabad.



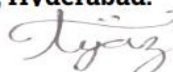
**Dr. B. Sheshaiah**  
Coordinator

Santhiram Engineering College



**Mr. Kishore Naidu**  
Co-coordinator

Santhiram Engineering College



**Mr. Aijaz Khan**  
Talentio Solutions India Pvt. Ltd.  
Hyderabad.



**Dr.M.V. Subramanyam**  
Principal  
Santhiram Engineering College

Ms Viraja Ravi, Asst. Professor, Dept. of CSE attended the one-week Online Faculty Development Programme on “**Online Teaching Etiquette and Best Practices**” organized by Santhiram Engineering College, Nandyal, Kurnool District, AP.





# MANGALAYATAN UNIVERSITY ALIGARH

## UNIVERSITY POLYTECHNIC

Certifies that

M. DEVA PRIYA from SRI KRISHNA COLLEGE OF TECHNOLOGY has passed in online quiz on  
"GENERAL ENGINEERING" organized on 15-5-2020. He/She has secured 100% marks.

Asst. Professor  
(Co-ordinator)

Dr. KISHAN PAL SINGH  
(Principal)

Mangalayatan University, Extended NCR, 33rd Milestone Mathura-Aligarh Highway Beswan, Aligarh-202145 (U.P) India.  
Toll-Free: 1800-274-400 | E-mail: [info@mangalayatan.edu.in](mailto:info@mangalayatan.edu.in) | [www.mangalayatan.in](http://www.mangalayatan.in)



# MANGALAYATAN UNIVERSITY ALIGARH

## UNIVERSITY POLYTECHNIC

Certifies that

Raghnathan T from Sri Krishna College of Technology has passed in online quiz on  
"GENERAL ENGINEERING" organized on 15-5-2020. He/She has secured 90% marks.

Asst. Professor  
(Co-ordinator)

Dr. KISHAN PAL SINGH  
(Principal)

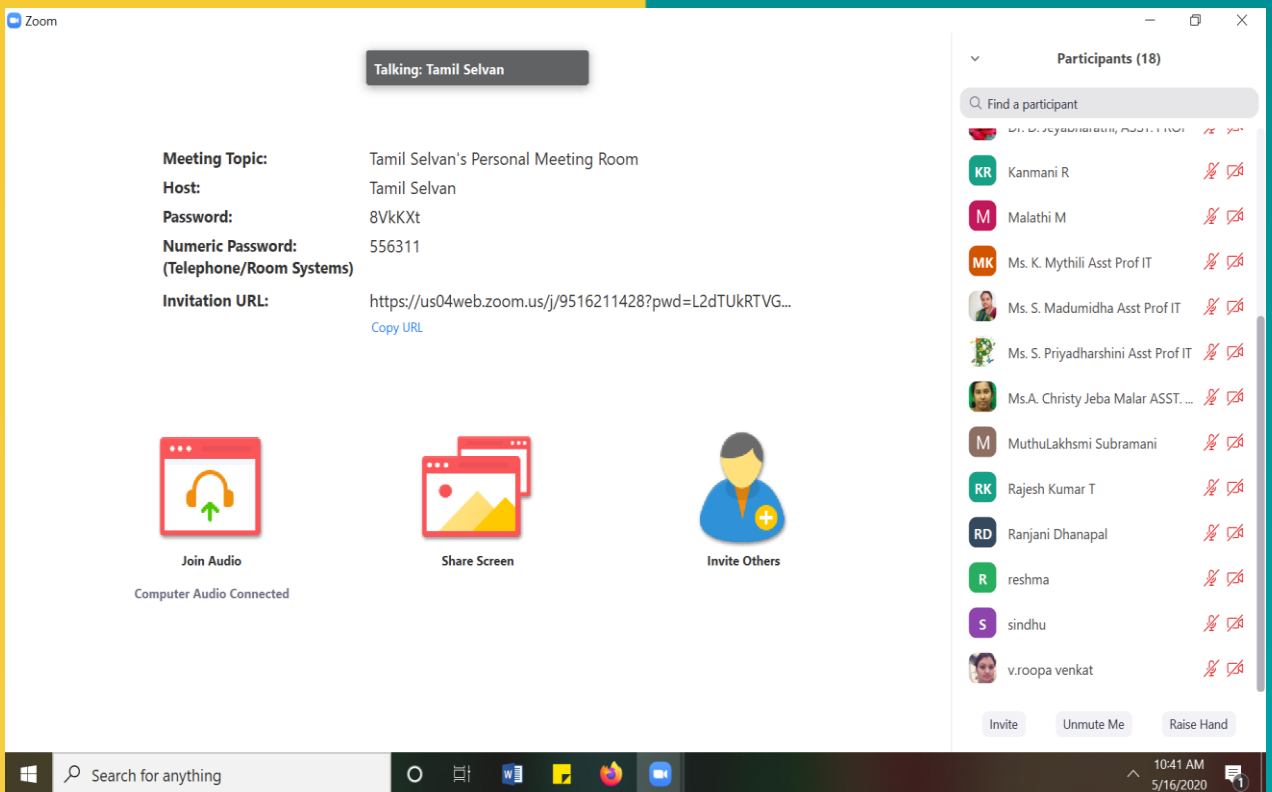
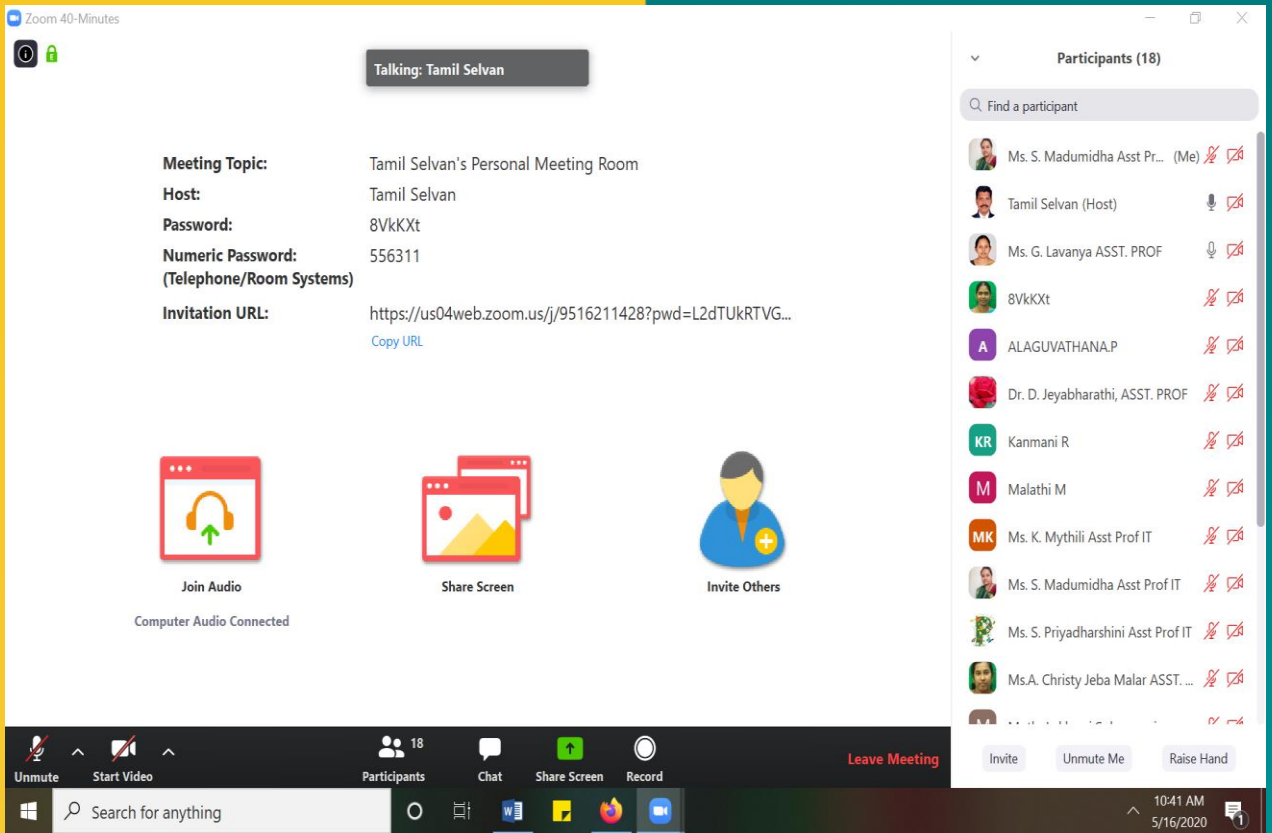
Mangalayatan University, Extended NCR, 33rd Milestone Mathura-Aligarh Highway Beswan, Aligarh-202145 (U.P) India.  
Toll-Free: 1800-274-400 | E-mail: [info@mangalayatan.edu.in](mailto:info@mangalayatan.edu.in) | [www.mangalayatan.in](http://www.mangalayatan.in)

Dr M Deva Priya, Asso. Professor and Mr T Raghnathan, Asst. Professor, Dept. of CSE attended and cleared an Online Quiz on "General Engineering" organized by Mangalayatan University, Aligarh on 15 May 2020.

# MEETINGS & DISCUSSIONS

The image shows a Zoom meeting window with 10 participants. The main grid displays video thumbnails for: Ajith B Singh, Dr. P. Manju (HOD-ICE), Chinnadurai, Mr. S. Narendiran Asst Prof ICE, Dilip Kumar Saseedharan, Mr. J. Dhanaselvam Ass., KARTHIGAI PANDIAN, சரவணகுமார் கி, Shanthi K, and Rajesh R. The right-hand panel shows a list of 10 participants with their names, profile pictures, and mute/unmute icons. The Windows taskbar at the bottom shows the search bar, task view, and system tray with the date 16-05-2020 and time 12:35.

Dr P Manju, Prof. & Head, Dept. of ICE, convened the **Faculty Meeting** on 16 May 2020 and reviewed the progress of course content preparation and modification by the members of faculty for the academic year 2020-21.



Dr G M Tamilselvan, Prof. & HoD, Dept. of IT convened a **Faculty Meeting** with the members of faculty of the Dept. of IT on 16 May 2020 and discussed Student Contest Participation, Placement Progress, Research Activities, and Academic Progress for the upcoming semester.

# International Day of Living Together in Peace



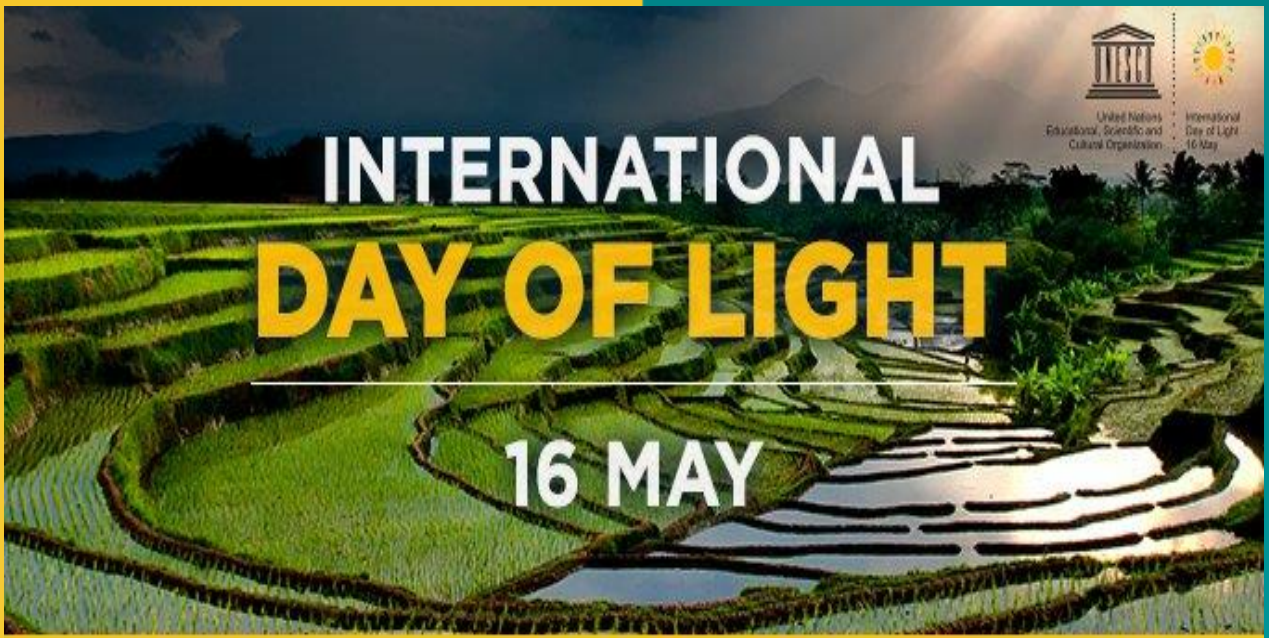
Living together in peace is all about accepting differences and having the ability to listen to, recognize, respect and appreciate others, as well as living in a peaceful and united way. The UN General-Assembly, declared 16 May as the **International Day of Living Together in Peace**, as a means of regularly mobilizing the efforts of the international community to promote peace, tolerance, inclusion, understanding and solidarity. The Day aims to uphold the desire to live and act together, united in differences and diversity, in order to build a sustainable world of peace, solidarity and harmony.

## Peace Takes Everyone



# International Day of Light

The **International Day of Light** celebrates the role light plays in science, culture and art, education, and sustainable development, and in fields as diverse as medicine, communications, and energy. The celebration will allow many different sectors of society worldwide to participate in activities that demonstrates how science, technology, art and culture can help achieve the goals of UNESCO – building the foundation for peaceful societies.



The International Day of Light is celebrated on 16 May each year, the anniversary of the first successful operation of the laser in 1960 by physicist and engineer, Theodore Maiman. This day is a call to strengthen scientific cooperation and harness its potential to foster peace and sustainable development.



## International Day of Light

16 May