



REPORT ON CELEBRATION OF NATIONAL SCIENCE DAY - 2021

Science Carnival - 2021
February 28th

Theme: “**Future of STI: Impacts on Education, Skills and Work**”

Organized by
Department of Computer Science & Engineering

Supported by,



KSCST
KARNATAKA STATE COUNCIL
FOR SCIENCE AND TECHNOLOGY

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY INDIAN INSTITUTE OF
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NATIONAL SCIENCE DAY- 2021

Theme: “Future of STI: Impacts on Education, Skills and Work”

Background

National Science Day is celebrated in India on 28 February each year to mark the discovery of the Raman effect by Indian physicist Sir C V Raman on 28 February 1928.

In 1986, the NCSTC asked the Government of India to designate February 28 as National Science Day. The event is now celebrated all over the country in schools, colleges, universities and other academic, scientific, technical, medical and research institutions. On the occasion of the first NSD (National Science Day) (28 February 1987) NCSTC announced institution of the National Science Popularization awards for recognizing outstanding efforts in the area of science communication and popularization.

National science day is celebrated on every year on 28 February. The celebration also includes public speeches, radio-TV talk shows, science movies, science exhibitions based on themes and concepts, watching the night sky, live projects, research demonstration, debates, quiz competitions, lectures, science model exhibitions and many more activities.

KSCST every year celebrates National Science Day on 28th February to commemorate the day on which Sir C.V. Raman discovered the Raman effect.

Karnataka State Council for Science and Technology has taken many science popularization activities and of these activities National Science Day celebrations is one of the major events.

For National Science Day, Karnataka State Council for Science and Technology organizes many competitions for Primary / High School students from Bangalore and Bangalore Rural District.

Atria Institute of Technology celebrated National Science Day-2021 under the theme "Future of STI: Impacts on Education, Skills and Work" by organizing Awareness activities, Hands-on session for school students, Design competitions, webinars on science

Program objective:

The following objectives are the typical skills and abilities that the student will have after science exhibition on national science day.

- Awareness on science and Robotics skills through seminar and hand-on sessions
- Take leadership and mentoring roles among the students during Hands-on and other activities
- To foster scientific attitude among students
- To provide necessary scientific intervention for problems of the society
- To encourage innovative ideas with students and others through the competition.

Activities

Activities Planned for the National Science Day:

1. Webinar for engineering students
2. Education 10th standard village students through hands-on session (Details given below)
3. Design Competition for school Students

Activity1:

Seminar for engineering students on "Future of STI: Impacts on Education, Skills and Work"

Activity Name:	Webinar on "Future of STI: Impacts on Education, Skills and Work"-National Science Day
Co-ordinator:	Mr. Rajendra M, Ms. Hemalatha K N
Date:	01-March 2021
Duration:	10:.00am – 11:30am (90 min)

Schedule of the program:



ATRIA INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
NATIONAL SCIENCE DAY - 2021

SCHEDULE FOR THE INAUGURAL PROGRAM FOR MARCH 01, 2021

TIME	EVENTS
10:00AM – 10:05 AM	WELCOME of i) CHIEF GUEST ii) PRINCIPAL iii) HOD iv) OTHER HOD's v) CONVENOR vi) PARTICIPANTS
10:05AM – 10:10AM	INVOCATION SONG BY Ms. Haritha
10:10AM – 10:15AM	WELCOME ADDRESS BY CS&E HOD – Dr. AISHWARYA P
10:15AM-10:20AM	PRINCIPAL REMARKS by Dr. T.N. SREENIVASA, PRINCIPAL, AIT
10:20AM-10:25AM	INTRODUCING THE CHIEF GUEST- Mr. HARISH PANT
10:25AM-11:25AM	KEYNOTE SESSION by Mr. HARISH PANT
11:25AM-11:30AM	VOTE OF THANKS by Mr. ADITI R

M.C – Prof. Hemalatha, Faculty – CS&E

About the session:

Atria I T has celebrated **National Science Day 2021** in association with **KSCST** Karnataka on **01-March 2021** on this occasion webinar was arranged on "Future of STI: Impacts on Education, Skills and Work" @10:00am by an invocation song from the student coordinator and the speaker was Mr. Harish Pant.

Webinar Link: <https://meet.google.com/fsp-wdbj-xqq>

Prof Hemalatha K N Was the Master of Ceremony.

Session has started by introduction of Speaker to the audience by **Dr. Aishwarya P**, CS&E HoD, and Motivation towards the National Science Day by Dr. T N Sreenivasa Principal

In the Session from Mr. Pant he has enlightened the students on various aspects of Science Technology and innovation and explained top innovation priorities and impact of STI on Education, Skills and Work. Also session was focused on National Educational Policy 2021 w.r.t the changes in the science & Technology

Vote of thanks has been delivered by Ms. Aditi R

Activity2:

Educating 10th standard village students through hands-on session & Design Competition

The faculty team with registered students visited the village school and involved in two different activities where the target students are 10th standard.

Student Registration Link: <https://forms.gle/QSPku3JmE5xMgnW9>

Student Feedback link: <https://forms.gle/jHXPppv9BzDCVFkh6>

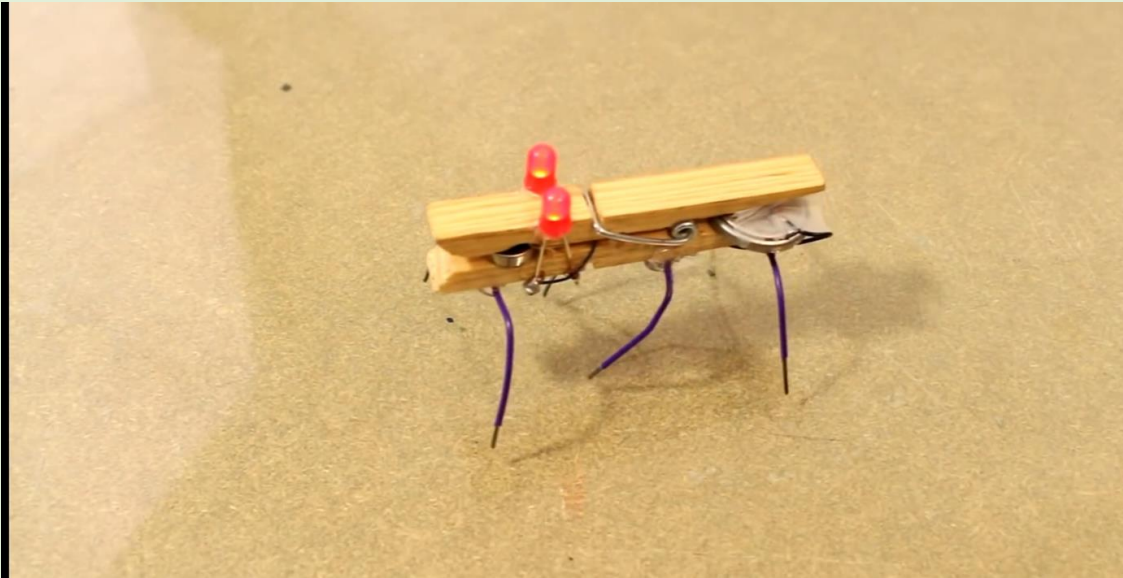
Highlights of the activities are as follows:

- Career counselling session
- Importance of National science day
- Technologies emerged in the field of science
- Origin, types, Laws, Advantages & Disadvantages of robotics
- Hands-on session

Workflow of the Day:

Sl.no.	Timings	Session
1	10:00am-10:30am	Educating 10 th standard students on “career options in science”
2	10:30am-11:00am	Technical Activity for students
3	11:30am-12:00pm	Seminar on”Trending Technologies in science”
4	12:00pm: 1:30pm	Hands-on session of Robotics mini projects Design competition
5	1:30pm-2:00pm	Certificate distribution & Vote of thanks

Details of the Hands-on Session;

	Title of the Model
1	<p>Robotic Bug : It is a primary crazy project which tinkers the interest in robotics . The mechanical man made bug using simple things which can move and rotate like a bug.</p> 

2 Water Level Indicator:

The **Water Level Indicator** employs a simple mechanism to detect and indicate the water level in an overhead tank or any other water container. we are presenting a very useful, cheap and simple **Water Level Indicator circuit using transistors (bc547)** for beginners. This circuit indicates the level of water in the water tank using LEDs with transistors.



Following is the invitation of the National Science Day

Department OF CS&E

CELEBRATES

PRESIDED BY



DR. T. N. SREENIVASA
PRINCIPAL, ATRIA INSTITUTE OF TECHNOLOGY
FORMER ACADEMIC SENATE MEMBER, VTU, BELAGAVI

"National Science Day"

MAR 1ST 2021

CHIEF GUEST & SPEAKER



DR. HARISH PANT, FIE, MIET, CE
PARTNER COUNTRY HEAD - RESOLUS CONSULTING
MANAGING DIRECTOR - ADVANCE TECHNOLOGY

UNDER THE AEGIS OF



KSCST

Webinar
on
Future of STI:
Impacts on Education, Skills and Work"

TIME: 10:30 AM

join us

<https://meet.google.com/fsp-wdbj-xqq>

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TPCRA

CELEBRATION OF

National science Day 2021

HOSTED BY
Department OF CS&E

SPONSORED BY

KSCST

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CDE
Centers of Excellence in Engineering

Events:
 Mini Project Expo
 Design Competition

Date:
 01-March-2021

Time:
 10:00 am

Convener:
 Dr. Aishwarya.P
 Dept of CS&E,Atria.I.T

Coordinators:
 Mrs.Hemalatha K N
 Mr.Rajendra M



Webinar Student attendance snapshot:

Timestamp	Student name	USN	Class	Upload ur screenshot of attendance here
3/1/2021 11:06:57	Bhoomika c	1AT19CS027	CSE1	https://drive.google.com/open?id=19WhRFF9ITkexl
3/1/2021 11:07:14	VINCENT PAUL FERNANDES	1AT19CS121	CSE2	https://drive.google.com/open?id=1Gi6n1tZUm1_Uz
3/1/2021 11:07:29	Shivam Kumar Singh	1AT19CS105	CSE2	https://drive.google.com/open?id=1gEzDKnifnt7vk
3/1/2021 11:07:42	NISITOSH MOHANTY	1AT19CS080	CSE2	https://drive.google.com/open?id=1BfdpFuAVYxL88
3/1/2021 11:07:43	Nikitha A	1AT19CS077	CSE2	https://drive.google.com/open?id=15Mk0Mba3HxL
3/1/2021 11:07:45	Navya Ganapati Hegde	1AT19CS075	CSE2	https://drive.google.com/open?id=1ef_hZDOV-_yG
3/1/2021 11:08:00	Aman Sahu	1AT19CS009	CSE1	https://drive.google.com/open?id=1y9jmvC4iRqsSL
3/1/2021 11:08:04	N HARSHAVARDHAN R	1AT19CS071	CSE2	https://drive.google.com/open?id=15epGsiYRQAHC
3/1/2021 11:08:11	Prince Kumar	1AT19CS088	CSE2	https://drive.google.com/open?id=17D1H4v7D33B

Student feedback Snapshot:

Timestamp	Student Name	USN	Class	A one line feedback on the event
3/12/2021 13:30:42	Devisetty Dakkan Sai Na	1AT18CS124	5CSE1	
3/12/2021 13:31:21	ANJALI	1AT18CS015	5CSE1	A great event, different from the usual
3/12/2021 13:31:45	Teja k	1AT18CS112	5CSE2	Gud experiece
3/12/2021 13:31:57	Arpita Mazumder	1AT18CS021	5CSE1	It was very interesting and informative activity to do.
3/12/2021 13:32:36	Bhagyashree Patil	1AT18CS028	5CSE1	Great experience and learnt a lot from the place too
3/12/2021 13:32:41	Aditi Chatterjee	1AT18CS006	5CSE1	Very interactive and interesting event..looking forwa
3/12/2021 13:33:32	Saniya Malkan Ahmed	1at16cs092	5CSE2	Good experience
3/12/2021 13:34:29	Gaurav Sharma	1AT18CS128	5CSE1	It's a nice experience

Certificate Sample:

Department
OF
CS & E



CERTIFICATE OF APPRECIATION

This certifies that

Mr. _____

of **Dr. H N National High School**, Hossuru, has awarded as Winner in the **Robotic Mini Project Exhibition**, organized by the **Atria Institute of Technology** under the Aegis of **Karntaka State Council for Science & Technology**, Bangalore-560024


SPONSER

Pictures captured during the webinar:

Key Takeaway


Find Your *Raman Effect!*

Value Creation ◀



Karma Twins

Digital Twins



The Raman Effect – only one in a million of the scattered light particles, or photons, actually exhibits the change in wavelength when light goes through a medium.

▶ Capabilities



attachments.zip

Show all X

The next Noble Prize?



Are you the next? 20..?



attachments.zip

Show all X

Pictures captured during the activity session in village school:











●○ REDMI NOTE 9
∞ AI QUAD CAMERA

.....THANK YOU ALL.....