

Dayananda Sagar College of Arts, Science and Commerce
Department of Computer Applications
National Science Day-2019

Poster Presentation Competition

The Department of MCA celebrated the National Science Day on 28th February-2019 by organizing Poster Presentation competition.

The theme of the competition was *“Science for the people and people for the Science”*.

The Poster presentation engages the students in a collaborative planning process that satisfies their need to know the how, what, and why of learning. It also fosters critical thinking, communication, creativity, analysis, and problem solving skills, and allows for different learning styles

Students from different semesters actively participated in the event to commemorate the discovery of Raman Effect by Nobel laureate Shri C.V. Raman.

Date: 28/2/2019

Time: 1.30 am to 3:30pm

Venue: New Lab, I Floor, Building #17

Competition Rules:

- Maximum 2 members per group.
- The poster should be made around the main theme.
- The idea should be original and should not include any copyrighted materials.
- The poster must include the title and the names of the team members.

- The poster can be either handmade or digital. (Handmade posters are to be scanned or photographed)
- Any software may be used to make a digital poster.
- The poster needs to be in JPEG/PDF/PNG format.
- The posters should be formatted so that these can be printed, when needed on an A3 paper size.
- Contestants will be given 1 hours to complete the design.
- Use of USB drive is strictly prohibited.
- Decision of the judges will be final and binding.

Permitted Tools:

- Application software: (Any text editor)
- Hardcopies or Handmade posters.

Judgment criteria:

- Content and information to be transmitted
- Font/text/text positioning
- Relation between picture material/text
- Color selection
- Format/layout
- Originality/design idea
- Artistic overall impression

Faculty coordinator :

Mrs. Amthul Hai

Asst. Professor, Dept. of MCA

DSCASC

Ms. Bhoomika Raj (IV MCA)
Ms. Bharathi. H (IV MCA)

Student coordinators:

List of Participants:

Sl.No	Register No	Name of the Participants	Semester
I	17CQSAC004 17CQSAC026	Arvind A U Raviraj Karanth	IV Sem
II	17CQSAC013 17CQSAC014	Kishore V Lokanath	IV Sem
III	17CQSAC009 17CQSAC021	Deepu N Shabarish V	IV Sem
IV	17CQSAC023 17CQSAC020	Shreyas Sagar	IV Sem
V	17CQSAC022 17CQSAC003	Shalini Arpitha	IV Sem
VI	17CQSAC005 17CQSAC028	Varun Bahubali	IV Sem
VII	18CQSLC002 18CQSLC035	Anil Kumar Vinod Kumar	IV Sem
VIII	18CQSLC030 18CQSAC017	Sunil Somanna	IV Sem II Sem
	18CQSAC001 18CQSAC013	Adithya Sharukhan	II Sem
IX	18CQSAC003 18CQSAC012	Bhavya Sharon	II Sem
X	18CQSAC017 18CQSAC019	Somanna Stalin	II Sem
XI	18CQSAC021 18CQSAC018	Sushma Srividhya	II Sem

Poster of the Event:



Photos:

Following are glimpses of the sketches presented from the event.

SCIENCE FOR PEOPLE PEOPLE FOR SCIENCE

INTRODUCTION

Science for the People is a left wing socialist organization that emerged from the anti-war culture of the United States in the late 1960s.

Since 2014 it has experienced a revival focusing primarily on the dual nature of science.

The Dual Nature of Science

WATER CRISIS

Water scarcity and pollution has been critical concerns for global public health efforts for decades. Although 71% of the global population still lacks access to safe water sources, water infrastructure development projects have made significant headway. Efforts to secure more fresh water include drilling more and deeper wells and constructing more extensive water distribution networks and aqueducts.

IMPACT OF SCIENCE ON HUMAN LIFE

Technology is evolving and scientists are frequently developing new concepts and theories, improving our life style and making the world ultimately a better place to live in. Science has led to more extraordinary inventions, filling our homes with well used amount of knowledge and intelligence.

IMPORTANCE OF SCIENCE ON OUR DAILY LIFE

Science is everywhere in today's world. It is part of our daily lives, from cooking and gardening, to recycling and understanding the daily weather report, to reading a map and using a computer. Advances in technology and science are transforming our world at an incredible pace, and our children's future will surely be filled with leaps in technology we can only imagine.

CONCLUSION

Today's resources for tomorrow generations is, we need to save our resources for future use.

John Deere

ENVIRONMENT HEALTH CRISIS

Water has been identified as a central challenge for humanity in the coming decades. Resource scarcity, disease, and environmental pollution are exacerbated by a lack of local environmental data, public awareness of global and local environmental conditions, and public access to and maintenance of appropriate sustainable technologies and lifestyle choices.

Science For People People for Science

ENERGY WASTE

What is light pollution costing us?

13% of residential electricity use in the U.S. is for outdoor lighting

15 million tons of CO₂ are produced each year in order to power residential outdoor lighting in the U.S.

35% of light is wasted by outdoor lighting

3 million homes in the U.S. have outdoor lighting that is not needed for safety

\$3 BILLION per year is spent on outdoor lighting

SKYGLOW is the artificial brightness of the night sky that is caused by light pollution

800 million birds die each year due to light pollution

\$10.00 per year for every new street and road in the U.S. is needed

Best outdoor lighting system: 0.5 watts per foot, 100' radius
 Worst outdoor lighting system: 0.5 watt per foot, 100' radius
 Average energy for power at the home: 15 for 1 foot

This Poster is Made By: Aditya & Shanukhan

WIRELESS NETWORK

1. Introduction

Wireless networks are a type of network that uses radio waves to connect devices. They are used for a variety of purposes, including communication, data transfer, and network management.

2. Types of Wireless Networks

- Local Area Network (LAN)
- Wide Area Network (WAN)
- Cellular Network
- Bluetooth
- Wi-Fi

3. Advantages of Wireless Networks

- Flexibility
- Portability
- Scalability
- Cost-effectiveness
- Easy installation

4. Disadvantages of Wireless Networks

- Security
- Interference
- Range
- Power consumption
- Latency

Scientists have become the dearest of the torch of discovery in our quest for knowledge

Success is a science
If you have the conditions, you get the result

Science is a beautiful gift to humanity; we should not distort it.

Only two things are infinite, the universe and human stupidity, and I'm not sure about the former.

Learn something new

1. Introduction

Learning is a process of acquiring knowledge, skills, and attitudes through experience, study, or teaching.

2. Types of Learning

- Formal Learning
- Informal Learning
- Self-directed Learning

3. Benefits of Learning

- Personal Growth
- Professional Development
- Problem Solving
- Adaptability

4. Challenges of Learning

- Lack of Motivation
- Information Overload
- Time Constraints
- Learning Styles

NEURAL NETWORKS FOR REAL-TIME ROAD SIGN DETECTION
 Balaji & Anandhan R.R., Dayananda Sagar College of Arts, Science and Commerce, East Street, Layout, Bangalore-560075
 (Bangalore University)

ABSTRACT
 This paper investigates the application of neural networks in detecting road signs. The proposed method involves the use of a neural network to detect road signs. The network is trained on a large number of road sign images. The network is then used to detect road signs in real-time. The network is able to detect road signs in a wide range of conditions. The network is able to detect road signs in a wide range of conditions. The network is able to detect road signs in a wide range of conditions.

TESTING PROCESS


The testing process involves the use of a neural network to detect road signs. The network is trained on a large number of road sign images. The network is then used to detect road signs in real-time. The network is able to detect road signs in a wide range of conditions. The network is able to detect road signs in a wide range of conditions. The network is able to detect road signs in a wide range of conditions.

METHOD
 The method involves the use of a neural network to detect road signs. The network is trained on a large number of road sign images. The network is then used to detect road signs in real-time. The network is able to detect road signs in a wide range of conditions. The network is able to detect road signs in a wide range of conditions. The network is able to detect road signs in a wide range of conditions.

CONCLUSION
 The method is an efficient and effective way to detect road signs. The method is able to detect road signs in a wide range of conditions. The method is able to detect road signs in a wide range of conditions. The method is able to detect road signs in a wide range of conditions.

H. Suresh
 HOD/Director

**Department of Computer Applications
National Science Day-2019**

Web Designing Competition

The Department of BCA celebrated the National Science Day on 28th February-2019 by organizing Inter Collegiate Web Designing competition.

The theme of the competition was *“Science for the people and people for the Science”*.

The students from various colleges participated to commemorate the discovery of Raman Effect by Nobel laureate Shri C.V. Raman.

Date: 28/2/2019

Time: 10.00 am to 12:00pm

Venue:

Internet Lab, I Floor, Building #17

Competition Rules:

There will be two rounds for this event.

Round 1:

This round will consist of 30 questions on HTML ,CSS and JavaScript. All questions will be in the format of multiple choice questions. Duration for this will be 20 Minutes Max.

Round 2:

In this round, shortlisted participants from Round 1 will need to design website based on topic given in 60 minutes using permitted development tools.

List of Participants:

Permitted Tools:

1. Application software: (Any text editor)
2. Programming Language: HTML, CSS(Bootstrap),JavaScript(JQuery)

Rules:

- Maximum 2 members per group.
- Participants need to design a 3+ pages website based on the competition topic.
- First page must be your Homepage (Containing LOGO/picture depicting the topic and the website name).
- Other pages must be dedicated to your discussion suitable for the website.
- All web pages must be responsive.
- Use of USB drive is strictly prohibited.
- Winner and first runner up will get prizes
- Decision of the judges will be final.

Judgement criteria:

The Participants were judged on the basis of their design, content, completeness and innovation

Faculty coordinators :

Mrs. Amthul Hai (Dept. of BCA)

Mrs. Sunitha M (Dept.of BCA)

Event Judge:

Dr. Preeti Satish,

Associate Professor,

Dayananda Sagar College of Engineering

Sl.No	Name of the Participants	College Name
I	1.Athul S Nair 2. Anurag Pathak	Garden City University
II	1. Babu Solomon 2. Arun Kaushik	KLE College
III	1. Siddharth Harsh Raj 2.Jaimin Bhaven Kataria	Presidency College

1st Prize:

Name of the Participants	College Name
Siddharth Harsh Raj JaiminBhaven Kataria	Presidency College

2nd Prize:

Name of the Participants	College Name
1.Athul S Nair 2.Anurag Pathak	Garden City University

Poster of the Event:

DAYANANDA SAGAR COLLEGE OF ARTS SCIENCE AND COMMERCE
Shivga Mareshwara Hills, K.S. Layout, Bengaluru - 560 078

DEPARTMENT OF COMPUTER APPLICATIONS

NATIONAL SCIENCE DAY CELEBRATION - 2019

WEB DESIGNING COMPETITION

"SCIENCE FOR PEOPLE - PEOPLE FOR SCIENCE"

DATE: Friday 28th February 2019
TIME: 10 AM - 12AM
VENUE: Building No.17, 1st Floor, Internet Lab

Photos:




Principal