



Integral University, Lucknow
National Level
e-Poster Presentation Competition



on
“The Pivotal Role of ICT in COVID-19 Pandemic”
(28-30 September 2020)

Organized by
Department of Computer Application
in association with
Indian Society for Technical Education (ISTE)

Brief Report

National Level e-Poster Presentation Competition
on
“The Pivotal Role of ICT in COVID-19 Pandemic”

Department of Computer Application has organized *first of its kind* a **National Level e-Poster Presentation Competition** on “The Pivotal Role of ICT in COVID-19 Pandemic” under the aegis of the **Indian Society for Technical Education (ISTE)** from **29-30 September, 2020**. The objective of the competition was to enhance the innovative skill and critical thinking ability of students/research scholars in diverse ICT technologies that are used in the present pandemic.

Highlights of the competition:

| | |
|---|------------|
| <i>Total Participants Registered</i> | 300 |
| <i>UG Students</i> | 170 |
| <i>PG Students</i> | 95 |
| <i>Research Scholars</i> | 35 |
| <i>Participants from Integral University</i> | 167 |
| <i>Participants from other Universities/ Institutes</i> | 133 |
| <i>e-Posters received</i> | 102 |
| <i>Total Participants qualified for final round</i> | 42 |

Participation certificates were awarded to all who reached the final round.
First, Second and Third position holders received Prizes along with certificates of recognition.

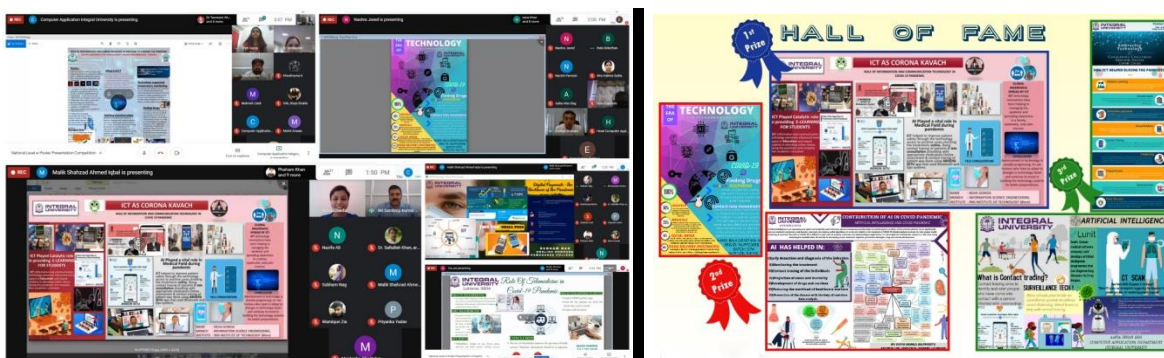
Good deliberation happened during the live presentation through Google Meet, which has increased the level of awareness about ICT as a saviour in the COVID-19 pandemic. The presenters were well prepared, knowledgeable and enthusiastic to answer all the questions asked by judges.

| Session | Judge | Department | Video Links |
|-------------------------------------|--|---|---|
| I 29-09-2020 1:30 - 4:00 pm | Dr. Mir Snober Shabnam, Dr. Shish Ahmad | Department of Bioengineering, Department of CSE | https://youtu.be/41TkB8uQEnQ |
| II 30-09-2020 1:30 - 4:00 pm | Dr. Safiullah Khan, Dr. Sandeep Kumar Nayak | Department of Architecture, Department of CA | https://youtu.be/zUB0LlaN7zo |
| III 30-09-2020 1:30 - 4:00 pm | Dr. Tarique Mahmood Ansari, Mrs. Halima Sadia | Department of Pharmacy, Department of CSE | https://youtu.be/1OBcgRMufY8 |

Winners of the competition:

| Positions | Participant Name | University/College/ Institute | Title of Poster |
|-----------|---------------------------------|--|---|
| I | Neha Gowda | RN Shetty Institute of Technology, Bangalore | ICT As Corona Kavach |
| II | Divya Shukla, Bala Sidarthan | Shri Ramswaroop College of Engineering & Management, Lucknow; Thirukkurugudi Vengaram Sundram Iyengar, Tamil Nadu | Contribution of Artificial Intelligence in COVID Pandemic, The Era of Technology |
| III | Aafia Irfan Beg, Wamique Zia | Integral University, Lucknow | Artificial Intelligence, Embracing Technology and Conquering Challenges Endured Amidst COVID Crisis |

The concept of the competition was appreciated by everyone and the participants got benefited by the comments and suggestions given by judges. Overall it was a great learning experience for everyone. **Mrs. Nashra Javed, Dr. Tasneem Ahmed, Mr. Malik Shahzad Ahmad Iqbal and Ms. Eram Fatima Siddiqui** of the organizing committee worked hard for the grand success of this event.



Stay Safe, Happy learning.....!!!

**Dr. Mohammad Faisal,
Department of Computer Application,
Integral University, Lucknow**

**NATIONAL LEVEL
E-POSTER PRESENTATION COMPETITION
ON**

THE PIVOTAL ROLE OF ICT IN COVID-19 PANDEMIC

**ORGANIZED BY
DEPARTMENT OF COMPUTER APPLICATION**



**REGISTRATION
19-22 SEP, 2020**



**SUBMISSION
25 SEP, 2020**



**PRESENTATION
28-30 SEP, 2020**

Students/Research Scholar are eligible.

e-Certificate to all participants.

Winners will be rewarded.

No Registration Fee.

SCAN TO REGISTER



SCAN FOR POSTER GUIDELINES



Faculty Coordinators

Ms. Nashra Javed | Dr. Tasneem Ahmed

Mr. Malik Shahzad Ahmad Iqbal | Ms. Eram Fatima Siddiqui

Student Coordinators

Wamique Zia (+91-9044160434) | Iiti Mishra (+91-6387252161) | Gerard Vineet Massey (+91-8799108438) | Shristi Pandey (+91-9026491445)

For Queries email at CA@iul.ac.in | For Details visit iul.ac.in/ca | +91-9548443915 | +91-9335678148



HALL OF FAME

ICT AS CORONA KAVACH

ROLE OF INFORMATION AND COMMUNICATION TECHNOLOGY IN COVID-19 PANDEMIC

ICT Played Catalytic role in providing E-LEARNING FOR STUDENTS

ICT education and communication technology primarily influenced every sector of education without failure in extending online classes during the pandemic and continue being the best option.

AI Played a vital role in Medical Field during pandemic

ICT helped to improve patient safety through the technology process to provide cross-checking the treatments online, doing contact tracing of patients & tele consultation providing with appropriate medication. Online assessment & contact tracing of patient was done using **ANORVA SETU** app that used Bluetooth and GPS systems.

GLOBAL AWARENESS SPREAD BY ICT

ICT technology innovations have been helping in managing the epidemic and spreading awareness in a timely, systematic, and calm manner.

TELE CONSULTATION

TELEMEDICINE

Advancement in technology is steadily progressing. It's not humans who have to adapt to changes in technology faster and continue to invest in building the technology systems for better preparedness.

NAME : NEHA GOWDA
BRANCH : INFORMATION SCIENCE ENGINEERING
INSTITUTE : RNS INSTITUTE OF TECHNOLOGY (BIRN)



Embracing Technology

CONQUERING CHALLENGES INDUCED AMIDST COVID-19 PANDEMIC

HOW ICT HELPED DURING THE PANDEMIC?

- Distance Learning
- Remote Work
- Contactless Payments
- Contact Tracing
- Telemedicine
- Virtual Events
- Online Security

THE ERA OF TECHNOLOGY

COVID-19

Finding Drugs

GOING ONLINE

Contact-less movement

100%
50%
25%
0%SOCIAL MEDIA
FOOD DELIVERY (POSTMEN)

NAME: BAHA SHARHAN
REG ID: NLP30058
BATCH: 12TH
INSTITUTE: IITM



CONTRIBUTION OF AI IN COVID PANDEMIC

ARTIFICIAL INTELLIGENCE AND COVID PANDEMIC

Artificial intelligence or AI is a technology that can identify and solve problems. It is used in the treatment of COVID-19 related patients and also for their proper health monitoring. It extracts the data of COVID-19 related to analyze molecular and epidemiological applications. It also helps to facilitate the research for the new vaccine, identifying the potential drug, all centers in monitoring their treatment progress, prevention strategies, drug and vaccine development.

AI HAS HELPED IN:

- I) Early detection and diagnosis of the infection
- II) Monitoring the treatment
- III) Contact tracing of the individuals
- IV) Projection of cases and mortality
- V) Development of drugs and vaccines
- VI) Reducing the workload of healthcare workers
- VII) Prevention of the disease with the help of real-time data analysis.

BY: DIVYA SHUKLA (NLP30051)
REG ID: NLP30051
BATCH: 12TH
INSTITUTE: IITM

ARTIFICIAL INTELLIGENCE

Lunit

South Korean medical software company Lunit develops artificial intelligence programs that can diagnose lung diseases via CT scans.

CT SCAN

How does COVID-19 appear in the lungs?
"These CT scans were helpful in suggesting the diagnosis for a patient and also for monitoring patient response."

What is Contact tracing?

Contact tracing aims to identify and alert people who have come into contact with a person infected with coronavirus.

SURVEILLANCE TECH!

Many schools plan to rely on surveillance systems to enforce social distancing, detect fever or help with contact tracing.

AAFIYA IREAN REG
COMPUTER APPLICATION DEPARTMENT
INTEGRAL UNIVERSITY