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News Letter

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



GL BAJAJ
Institute of Technology & Management

Poster Making and Slogan Writing Competition

Model Unites Nations-2020

Inter College Event "SAAVISHKAAR"

Student Corner



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SPARK**



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Poster Making and Slogan Writing Competition

An event was organised by Department of Electronics & Communication, G L Bajaj Institute of Technology and Management, Greater Noida in collaboration with Bureau of Indian Standards (BIS) of Ministry of Consumer Affairs, Food & Public Distribution, Government of India on 13 October 2020, the theme of the event was **'Protecting the Planet with Standards'**. In this regard virtual programme was conducted on Poster Making and Slogan Writing with a cash prize of Rs 22,000/ for the whole event. This programme was conducted virtually for 435 students. The list of the winner for the competition are given as below:

EVENT 1: POSTER MAKING

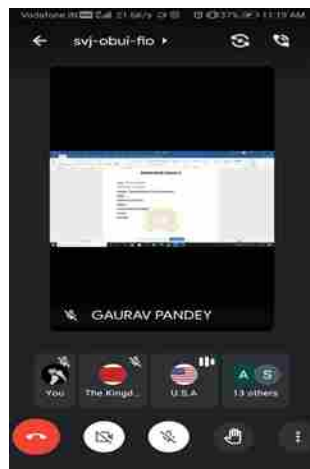
- 1st Prize: Divyanshi Katiyar (1819231039)
- 2nd Prize: Akansha Verma (1719231010)
- 3rd Prize: Jyoti Barnwal (1901920310071)
Somya Singh (1819231104)
- Consolation Prize: Akansha Gupta (190192031011)
Shivani Chauhan (1819231100)

EVENT 2: SLOGAN WRITING

- 1st Prize: Kashish Srivastava ((1719231055)
- 2nd Prize: Vidit Shukla (1719231122)
- 3rd Prize: Aman Rana (1819231015)
- Consolation Prize: Ankit Kumar (1901920310021)
Nitin Kumar (1819231069)



MODEL UNITES NATIONS-2020



On 20 December 2020 "Model Unites Nations-2020" was organised by Department of Electronics & Communication, G L Bajaj Institute of Technology and Management, Greater. This event was conducted virtually. The agenda of this event was "Global impact on road transportation amid covid-19: the challenges faced and their possible solutions". To know & learn about the road safety and rules of different countries, delegates of Kingdom of Morocco, Australia, Canada etc. were involved for the discussion. Following points were discussed during the session-

1. Post-Crash response during Covid-19.
2. Should there be a universal motor act.
3. Transportation of Covid 19 vaccines.
4. Effect on world transportation during pandemic.

Winners of the event were –

1. Verbal Mention – Navneet Kumar (Delegate of USA)
2. Special Mention – Peri Gautam (Delegate of Australia)
3. High Commendation – Prakhar Gupta (Delegate of Canada)
- Best Delegate – Aditi Mahendra (Delegate of Morocco)





Inter College Event, 'SAAVISHKAAR'

The Anvitha society of G L Bajaj Institute of Technology and Management was organized an Inter College Event, 'SAAVISHKAAR' from 3rd to 5th December, 2020. This event was the first event of the newly formed society of Electronics and Communication Department. There were different events from cultural, sports, technical and literary department. The aim of SAAVISHKAAR was to build a platform for students to showcase their talents and polish their skills.

The cultural events were fun and mesmerizing which included a dance competition, a music game, photography, an open mic evening, doodle art and template designing. Participants from different colleges performed their best and made these events wonderful. The sports events were simple challenges of pushup and plank for all those fitness lovers. And the technical event included of a game based on technical words with different levels and rounds and has team participation. There were more than 210 participations in this event and a lot of these participants were from different colleges around. Everyone had put all their efforts while performing and made this event successful.

The winners of the dance competition, 'SLAY THE FLOOR' were:

- Winner- VANDANAARORA, KIET GROUP OF INSTITUTIONS. • First runner-up - SIDDHI GUPTA, GLBITM.
- Second runner-up – RISHITAAGARWAL 3rd year CS, GLBITM.

The winners of Open mic event, 'MIC CHECK' were:

SINGING CATEGORY : Winner- SALONI DHAWAN 3rd year ECE and PRIYAM SRIVASTAVA 2nd year ECE, GLBITM.

First runner-up – AMAN KUMAR VERMA, 3rd year CIVIL GLBITM.

Second runner-up – RONIT GUPTA, 2nd year ECE GLBITM.

POETRY CATEGORY : Winner- ATHARVA PRATAP SINGH, GLBITM 3rd year ECE and

YASH NARAYAN SRIVASTAVA, AJAY KUMAR GARG ENGINEERING COLLEGE.

First runner-up- NIVETHARC from KGS COLLEGE OF ARTS AND SCIENCE.

Second runner-up – SOUMYA DIXIT 2nd year ECE, GLBITM.

INSTRUMENTAL CATEGORY : Winner- AISHWARYARAJ SRIVASTAVA 2nd year ECE, GLBITM.

The winners of the musical event, 'QUIZICAL' were: Winner- SIDDHARTH CHAUHAN 3rd year IT, GLBITM.

First runner-up – ANSHICA SINGH 2nd year ECE, GLBITM. • Second runner-up – NAINA RAJPUT 3rd year ECE, GLBITM.

The winners of the doodle competition, 'SCRIBBLE IT' were: Winner- SHATISH KUMAR, BHARTI VIDHYAPEETH.

First runner-up- DARSHIKA GUPTA 3rd year CS, GLBITM. • Second runner-up- ANURADHA KUMARI 3rd year IT, GLBITM.

The winners of pushup challenge, 'FLEX- Pushup' were: Winner- ABHISHEK YADAV, DR. BHIMRAO AMBEDKAR COLLEGE.

First runner-up- MADHAV MISHRA 2nd year CSE, GLBITM. • Second runner-up- SHIVAM KUMAR, GALGOTIAS COLLEGE OF ENGINEERING.

The winner of the plank challenge, 'FLEX-PLANK' were: Winner- MADHAV MISHRA 2nd CSE and JYOTI 2nd year ECE from GL BAJAJ INSTITUTE OF TECHNOLOGY AND MANAGEMENT.

First runner-up- SOUMYA SINGH, 3rd year ECE GLBITM. & SHIVAM KUMAR, GALGOTIAS COLLEGE OF ENGINEERING. • Second runner-up- SUMIT CHAUHAN 3rd year EEE GLBITM.

The winner of template designing, 'ARTIFY' were: Winner- MANSI SINGH, 2nd year ECE GLBITM.

First runner-up- ANJALI SHARMA, 3rd year ECE GLBITM. • Second runner-up- ISHA GOEL, 3rd year ECE GLBITM.

The winner of photography, 'NAZARIYA' were: Winner- ADITYA MISHRA 3rd year CSE GLBITM.

First runner-up- SOUMYA DIXIT 2nd year ECE GLBITM. • Second runner-up- ANJALI SHARMA 3rd year ECE GLBITM.

The winners of 'WHO FINDS FIRST' were: Winner- Team A: RISHABH GUPTA and NAJMUDDIN KHAN 4th year ECE GLBITM. Team D: MOHD. SAQUIB KHAN, TUSHAR TOMAR and VISHAL BISHT 2nd year IT GLBITM.

First runner-up- Team C: BHAVIN GUPTA and BHOMIKAS from DAYANAND SAGAE COLLEGE.

Second runner-up- Team B: SALONI SINHA, PRIYA KUMARI and JYOTI 2nd year ECE GLBITM.

The participants were judged by the faculty members and were selected according to the marking criteria and all the participants gave their very best and their efforts and hard work made SAAVISHKAAR a success.



Student Corner

"I believe that Technology is a medium, helping us all to understand the limitless possibilities we are lacking to explore"

DIGITAL WATERMARKING

In the era of digitization, we are all in need of contents, brands, products etc. which are digitally available. The created content does communicates with his/her readers, viewers, user's etc. and persuades them to purchase your products and services over your competition.

Good content is the cornerstone of an effective online marketing campaign and this same thing is with other digitise product or brand too. Everyone needs to stand in unique ways to get identified in this crowd and here Digital Watermarking plays an very crucial role to provide every individual, firm, agency, brand, product etc. to stand in an identical way and their content, product etc. also stays digitally copyright protected. With all these things you need to be careful about your valuable digital assets that can be susceptible to content theft or unauthorized use.

For embedding data into digital media content, to find out the credibility of the content or to provide an identity to the owner of digital content we need Digital Watermarking. Without proper protection, organizations that invest time and resources producing original content may risk their assets by being used by others which may potentially impacting business opportunities and revenue. The signal which is embedded is the host signal and the information is called digital watermark.

There are two types of Digital Watermarking :-

- Visible Digital Watermarking (Visible is embedded as watermark)
- Invisible Digital Watermarking (The data embedded is invisible)

Digital Watermarking can be employed for multiple purposes such as :-

- Copyright protection
- Source tracking
- Broadcast tracking, such as watermarked videos from global news organizations
- Hidden communication

Saloni Sinha
B.Tech (IInd year)
Department of ECE

Editorial Board

Convenor	:	Dr. Satyendra Sharma (HOD)
Editor	:	Dr. Dinesh Singh - Associate Professor Dr. Shilpa Choudhary - Associate Professor
Student Editor	:	Saloni Sinha - II Year Priya Kumari - II year



VISION

To become a department of repute and prepare globally competent and socially responsible professionals with holistic knowledge and technical skills.

MISSION

- ✓ To provide a supportive environment for effective knowledge transfer and nurturing ideas.
- ✓ To equip students with technical and leadership skills, and abilities to face the global challenges.
- ✓ To create an environment conducive for research and development with continuous involvement of industry.
- ✓ To inculcate professional and moral values in the students.

Program Educational objectives (PEO)

On completion of this course, our graduates will be able to

1. Exhibit multi-disciplinary technical and leadership skills for better employability, higher education and entrepreneurship.
2. Possess strong knowledge in the field of Electronics and Communication Engineering to develop solutions for real life problems.
3. Undertake professional responsibilities through strong team-work, communication skills and life-long learning.
4. Become socially responsible professionals with moral values and ethics.

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