



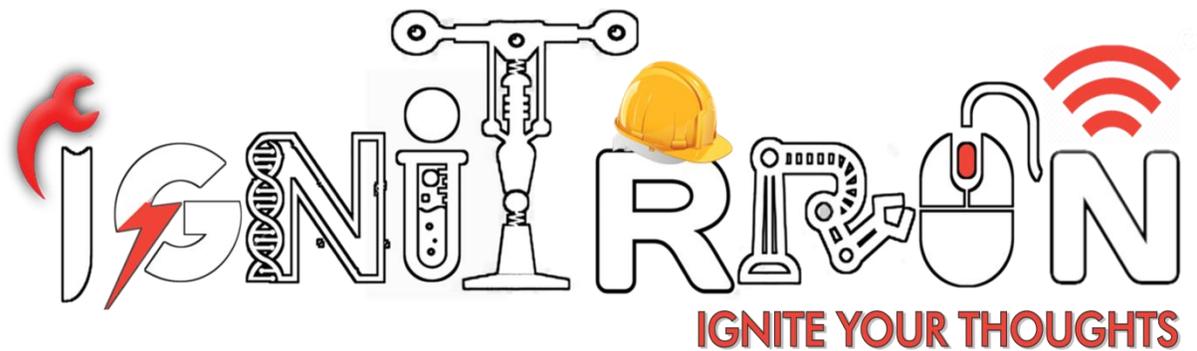
**KPR INSTITUTE OF ENGINEERING
AND TECHNOLOGY**

(Autonomous)

Arasur, Avinashi Road, Coimbatore - 641 407



REPORT ON



BY

TEAM IGNITRRON

2019-2020

ABOUT IGNITRRON:

IGNITRRON 2020 is a two-day national level techno-cultural fest scheduled on 21st and 22nd of February 2020, which was an unprecedented event, entirely organized by the students of professional societies.

“UNITED THOUGHTS UNITED OUTCOME” - This is what we believe in.

8 workshops, 28 Technical Events, 12 Fun events were well-planned to happen in a span of 48 hours. YouTube hotshots and motivational speakers were a part of this grand tech-fest. Participants were able to access the technical events and culturals by paying a onetime registration fee of ₹400 (inclusive of all events). Accommodation facilities were provided for both men and women, and food stalls by external caterers and restaurants were arranged at KPR Kalaiaragam. The event was sponsored by many, the notable ones being FASO, Greentrends, KFC, The Gate Academy and Maya Academy of Advanced Cinematics.

Faculty Convener	: Mr. N. Udhayakumar (AP/Mech)
President (B)	: Mr. M. Nithish (IV Mech)
President (G)	: Ms. S. Bharathi (IV EEE)
Total No. of Participants	: 635 (External Participants)

Event Dates: February 21 and 22, 2020

Inauguration:

Venue: Reception, Main Block

Date: 21.02.2020

Our beloved Chairman **Dr. K. P. Ramasamy** inaugurated the techno-cultural fest IGNITRRON, in the presence of Dr. M. Akila (Principal), Dr. A.M.Natarajan (Chief Executive), all department HoDs, faculty members and students. He went on to witness the event venues and the progress made by the Team IGNITRRON for the events. The first day commenced in the respective departments after inauguration, which included various workshops, and other technical events.



Department: Department of Bio-Medical Engineering

Venues: BME Block, ECE Block **Dates:** 21.02.2020 & 22.02.2020

Day 1 saw the commencement of the Technical events Script Conjura, Mr. & Ms. Medico Sapiens, Dexter's Laboratory and Secrets of Chambers, in the allotted timings. The events witnessed a huge number of participants. The technical events of biomedical venues are really majestic.

EVENT: Script Conjura

Venue: Integrated Circuits lab

Date: 21.02.2020

The event was organized by Student coordinators and the papers were judged by Mr.T.Alavanthar(Sr.G),Department of Biomedical Engineering. About 23 members from various institutions presented 7 papers for presentation. Prizes were given to the best papers by the staff coordinator.

EVENT: Dexter's laboratory

Venue: Biochemistry lab

Date: 21.02.2020

The event was organized by student coordinators and about 60 teams participated in the event. The event was of 3 rounds and only 10 teams were selected based on the preliminary round.

EVENT: Mr. & Ms. Medico Sapiens

Venue: Pathology and Microbiology lab

Date: 21.02.2020

The event was organized by the student coordinators and about 19 teams participated in the event. The 1st 2 teams were awarded the title Mr. & Ms. Medico Sapiens with cash awards.

EVENT: Shinchan the Engineer

Venue: BME Block 2nd floor

Date: 21.02.2020

The event comprised of various indoor games. It was a fun event. More than a hundred members participated in the event.

EVENT: Hakuna Mataata

Venue: Area beside the ATM

Date: 21.02.2020

The events were comprised only of various fun filled games. There were about 20 outdoor games. More than 700 members participated and enjoyed the event. KFC Vouchers were given to the winners of the events.

EVENT: Secrets of Chambers

Venue: Main block

Date: 21.02.2020

This is a technical treasure hunt and about 4 teams with total of 16 members took part in the event. It was really wonderful to have a treasure hunt in a technical basis, and around 150 participants enjoyed the event.

EVENT: Real time signal acquisition using Discovery kit (Workshop)

Venue: Networks lab

Date: 22.02.2020

The event was organized by student coordinators and Dr.Sree Niranjana Bose (Department of Biomedical Engineering) and Mr.K.Moorthy of SILICON SYSTEMS. We had a good reach and about 75 students took part.

Department: Department of Chemical Engineering

Venue: Chemical Block

Dates: 21.02.2020 & 22.02.2020

Day 1 saw the commencement of the Technical events Dossier and Mismash, in the allotted timings. The events witnessed a huge number of participants.

EVENT: Dossier

Venue: II Year Chemical Classroom

Date: 21.02.2020

The event was organized by Student coordinators and the papers were judged by Dr. S. Ramachandran, HoD (Chemical) and Dr. G. Surendran (AP/Chem). About 51 members from various institutions presented 24 papers for presentation. The first place was won by Bubesh KR and Bharani Kumar from Kongu Engineering College.

EVENT: Mismash

Venue: Chemical Analysis Lab

Date: 21.02.2020

The event had 2 rounds – a preliminary Quiz and a round where the participants were tested to find the way a chemical reaction occurs. Out of 28 participants, Karthik S and Vidyasagar J from RVS College of Engineering and Technology won the first prize.

EVENT: Chromical

Venue: II Year Chemical Classroom

Date: 22.02.2020

The event was on Case study presentation and the 29 participants were judged by Dr. Surendran and Mr. N. Arun Kumar (AP/Chem). Jenish Joyal J and Jijesh V from Vel Tech University won the First Prize.

EVENT: Chem-e-trix

Venue: II Year Chemical Classroom

Date: 21.02.2020

The Quiz related to Basics of Chemistry. 11 teams comprising of 25 participants took part in the battle of brains and Jenish Joyal J and Jijesh V from Vel Tech University won the First Prize.

Department: Department of Civil Engineering

Venues: Civil Block, ECE Block **Dates:** 21.02.2020 & 22.02.2020

Day 1 saw the commencement of the Technical events Latics, Stick Age, Paper Presentation and Workshop on Soil Test and Bore Log Report, in the allotted timings. Workshop on RC Detailing using AutoCAD, Tensegrity Structures and Tender Filing were the events on Day 2. Non technical events Ad Making and XYZ Seconds Frame were conducted on both the days.

EVENT: Soil Test and Bore Log Report (Workshop)

Venue: CM FF 04

Date: 21.02.2020

Mrs. B. S. Meenakshi (AP/Civil) and Ms. S. Divya (AP/Civil) handled the workshop. 80 participants took part in the workshop that focused on the procedures for soil testing and bore log report for Commercial Projects.

EVENT: Latics

Venue: SOM Lab

Date: 21.02.2020

28 participants took part in the event, organized by the student coordinators. The event was focused on measurement using theodolite instrument. The first prize was won by

EVENT: Stick Age

Venue: CM FF 03

Date: 21.02.2020

There were 2 rounds in the event – Quiz and Construction of bridges using ice-cream sticks. 25 participants took part in the first round and 10 were selected for the finals. First place was won by K. M. Jeevananthan and Jeevanand. A from Kongu Engineering College.

EVENT: Paper Presentation

Venue: CM FF 02

Date: 21.02.2020

17 papers were presented by participants from various institutions on papers related to Civil Engineering. The best paper was awarded cash prize and gift vouchers.

EVENT: RC Detailing using AutoCAD (Workshop)

Venue: CAD Lab

Date: 22.02.2020

The workshop had 50 participants. Workshop was handled by Mrs. R. Kavitha (AP/Civil) and Ms. C. Vinodhini (AP/Civil)

EVENT: Tensegrity Structures

Venue: CM FF 02

Date: 22.02.2020

The event, which was organized by student coordinators, focused on making of building by using stationery items. There was a total of 9 participants and participants were awarded with gift vouchers from KFC, Greentrends, The Gate Academy and MAAC.

EVENT: Tender Filling

Venue: SOM Lab

Date: 22.02.2020

This event was organized by student volunteers and was focused on the estimation of a room's size for filing a commercial tender. There were 12 participants and their tenders were evaluated by the judges Ms. D. Kalaivani (AP/Civil) and Mr. D. Vivek (AP/Civil).

EVENT: Ad Making

Venue: SOM Lab

Date: 21.02.2020 & 22.02.2020

The event was about describing a product and marketing it, in general. There were approximately 15 participants, and the winners were given vouchers from KFC, Greentrends, The Gate Academy and Maya Academy of Advanced Cinematics as prizes.

EVENT: XYZ Seconds Frame

Venue: SOM Lab

Date: 21.02.2020 & 22.02.2020

The event comprised of 10 fun games and was organized by . There were 60 participants, and if the participant won in 5-6 games, he/she was given vouchers from KFC, Greentrends, The Gate Academy and Maya Academy of Advanced Cinematics as prizes.

Department: Department of Computer Science & Engineering

Venue: Chemical Block

Dates: 21.02.2020 & 22.02.2020

EVENT: EUREKA(Paper presentation)

Venue: I Year CSE Classrooms

Date: 21.02.2020

EUREKA lays the platform to bring out modern ideas through young minds for the development of technology in various sectors. There are nearly 63 participants on this event out of them best two presentations selected,

I PRIZE - MADHU ARAVIND from SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY.

II PRIZE - KARTHIKEYAN.N
VIJAYDHARAN.S
KALAIKUMAR.R

AMBARISH.L from BANNARI AMMAN INSTITUTE OF TECHNOLOGY

EVENT: Line Follower

Venue: Hardware Lab

Date: 21.02.2020

First round will be based on answering about hardware in CPU and second round is to assemble and disassemble the CPU. Best and fast assemblers will be awarded. There are nearly 73 participants participated in this event, out of which the following won the prizes:

I PRIZE - C.THIRUMURUGAN
R.DINESH from PSG CAS

II PRIZE - S.DANUSH
E.R.ALAN MARK from KPRIET

EVENT: Fast Fingers

Venue: NMS Lab

Date: 21.02.2020

This event is about answering basic programming languages and second round will be based on coding for tech cases (C,PYTHON). Fast and perfect coders will be awarded. In this event nearly 74 members participated and the winners are awarded.

EVENT: Shuffle Your Mind

Venue: I Year CSE Classrooms

Date: 22.02.2020

Three rounds will be conducted and based on the points, teams will be selected to the next round. Top teams will be awarded. In this event nearly 73 participants participated.

EVENT: Blockchain Technology (Workshop)

Venue: NMS Lab

Date: 22.02.2020

It is a workshop event to bring out awareness about the emerging technology to the students and nearly 156 students participated.

EVENT: Meme

Venue: ECE Block

Date: 22.02.2020

On spot topic is given & participants have to create their own and creative meme resembling the given topic. They can use their own "SMART PHONE" or "LAPTOP".

EVENT: Musical Paper

Venue: ECE Block

Date: 22.02.2020

Maximum 2 persons per team and newspaper will be given to the each team. When the music stops, the participants have to stand on the paper. On every next round the newspaper has to be folded.

EVENT: Photography

Venue: All over the college

Date: 22.02.2020

Theme will be given on the spot and photos should be taken by any smart phones without any effects. Best photographers were awarded with cash prize and vouchers.

Department: Department of Electrical and Electronics Engineering

Venue: EEE Block, ECE Block

Date: 21.02.2020 & 22.02.2020

Event: App Development For Electrical Engineers (Workshop)

Venue: EEE – SIMULATION LAB

Date: 21.02.2020

It is a hands-on workshop for app development taken by our students Mr. S. Kesava Suriyan and L. Devaprakash. The event saw 84 participants. It increases the skill set through which individual person will be capable of implementing the ideas in the form of Android Apps. By learning this you can work independently to come up with new Android Apps and publish on playstore without any team.

Event: Paper Presentation

Venue: EEE – SIMULATION LAB

Date: 21.02.2020

Expression of thoughts is the communication. The communication is the ability of individual can be improved by presenting the ideas to the forum. Repeated presentations will give you new thoughts. Thoughts are the basic blocks for creativity and that makes you more confident where an individual becomes omnipotent. The event saw 32 participants and 8 papers. The papers were judged by Mr. G. Saravanan (AP/EEE) & Dr. V. B. Chandrika (AP/EEE).

WINNERS:

S.No	NAME	COLLEGE	PRIZE	AMOUNT
1	S. Ravishankar S. Karthik	PSG Institute of Technology, Coimbatore.	1 st	2000
2	S. Lingeswaren	Erode Sengunthar Engineering College	2 nd	1000
3	R. Sarumitraa B. Swetha	Sri Krishna college of Technology, Coimbatore.	2 nd	1000

Event: Meister Ignitron

Venue: EEE Drawing Hall

Date: 21.02.2020 & 22.02.2020

Meister IGNITRRON is that defines the person who is prominent in a specified area that includes mathematical knowledge, team coordination, presence of mind and technical compatibility. The event saw 24 participants.

ROUND 1: Name them all.

ROUND 2: Aptitude test

ROUND 4: Mock Press

ROUND 5: Connect Pro

ROUND 6: Present your Idea

WINNERS:

S.No	NAME	COLLEGE	PRIZE	AMOUNT
1	R. Harikrishnan	KPRIET	1 st	3500
2	J. D. Jeshwin Abishek S. Kumar	KPRIET	2 nd	2500

Event: Treasure Hunt

Venue: ECE – SEMINAR HALL **Date:** 21.02.2020 & 22.02.2020

Treasure hunt is a game in which organizers prepare a list of defining specific hints, which the participants seek to gather or complete all the hints and a hidden. It is a game in which each player or a team tries to be first to find an hidden object at the end of hint. Winners were given gift vouchers from KFC, Greentrends, and MAAC.

Event: KAHOOT Fun Quiz

Venue: ECE-Heat Transfer Lab **Date:** 21.02.2020 & 22.02.2020

Kahoot is a tool for using technology to administer quizzes, discussions or survey. It is a game based classroom response system played by a group of students. Multiple choice question will be projected on the screen and participants can answer the question with their smart phones and the person with the highest score will be displayed on the leader board. Winners were given gift vouchers from KFC, Greentrends, and MAAC.

Department: Department of Electronics & Communication Engineering

Venue: ECE Block

Dates: 21.02.2020 & 22.02.2020

Event: PCB Designing(Workshop)

Venue: D-107/1 ECE BLOCK

Date: 21.02.2020

Kumaresan, a PCB design engineer, currently working as an Embedded developer was the resource person. He has designed upto 60 layers board and also ATE boards. ALTIUM SOFTWARE has been demonstrated and hands on training makes a good reach among the students. Around 110 participants attended the workshop from various institutions.

Event: TREATISE (Paper Presentation)

Venue: D-108/1 ECE BLOCK

Date: 21.02.2020

Treatise is a technical paper presentation, in which 18 teams participated. Participants chose innovative topics and presented their papers effectively. Communicative skills and visual presentation of the participants were good. Prize winners were awarded by the staff co-ordinators.

Event: RELATE-IT

Venue: D-208/1 ECE BLOCK

Date: 22.02.2020

Relate-it is the combination of fun & technical knowledge. The event went so well and the participants were excited and so curious to find out the displayed pictures. The participants were so innovative to find out the answers and they enjoyed well with acquisition of technical knowledge.

Event: PLACARD

Venue: D-107/1 ECE BLOCK

Date: 22.02.2020

In Placard, the participants expressed their ideas through a poster with texts, graphics and expressed their ideas visually. Participants were very energetic and came out with interesting ideas. Participants improved their communicating skills.

Event: TRICKY CIRCUITS

Venue: ADC LAB

Date: 22.02.2020

Tricky circuits brings out the hardware knowledge to the participants. They tried hard to connect the circuits with the given components. Participants uses their skills energetic to bring out the output of the given circuit.

Event: STAR IN YOU

Venue: ECE Block

Date: 21.02.2020 & 22.02.2020

The audio clips were played to the participants before 10 minutes. Participants were very enthusiastic to participate in the event. The event went off very well with lots of fun.

Department: Department of Mechanical Engineering

Venue: Mechanical Block

Date: 21.02.2020

Day 1 witnessed an enormous amount of participants taking part in the workshop “Cooling of Solar Panels using VCR”. The technical events Ideathon and Motoquiz also commenced on the allotted timings and had a good reach among the participants. Workshop on E-Vehicle and IWS Gallop were on the second day, along with the non-technical events Junk Yard and Garage Manager.

Event: Cooling of Solar Panels using VCR (Workshop)

Venue: Thanam Hall

Date: 21.02.2020

The workshop was organised by KPR ISHRAE Student Chapter, and **Dr. N. Gunasekar**, Associate Professor, Department of Mechanical Engineering, SREC, was the resource person. Motoquiz also commenced on the allotted timings and had a good reach among the participants. Around 140 participants made use of the workshop.

Event: Ideathon

Venue: Dynamics Lab

Dates: 21.02.2020 & 22.02.2020

The event was a two-day long event, with 8 teams participating in it. The challenge statements were released on the first day and the participants were given a day’s time to propose a solution. On the next day, the solutions proposed in PPT format were reviewed by Dr. N. Gunasekaran, HoD (Mech) and Mr. D. Mohankumar (AP/Mech). Out of all the solutions proposed, the solution proposed by M. Karthik from Janson’s Institute of Technology, Coimbatore, bagged the first place. The event was organised by Mr.N.Udhayakumar (AP/Mech), Mr.S.N.Dinesh (AP/Mech) and the student coordinators.

Event: Fundamentals of Electric Vehicle (Workshop)

Venue: Thanam Hall

Date: 22.02.2020

Around 80 students participated in the workshop which was handled by Team e-Arjuna. The workshop had discussion on Electric Motors – BLDC, AC and Hub Motors, Batteries – Li-ion, Polymer, Lead Acid, Motor Controllers, Battery Management System, Vehicle Dynamics, Suspension System, Brake and Steering System.

Event: Master-de-Sketcher

Venue: EE GF 12

Date: 22.02.2020

One of the basic requisites of an Engineer is to design and model projects in his/her respective domain. For the mechanical engineers who were interested in Design, this event was hosted. Students were provided with real time components to draw the 3D sketch in SolidWorks. Followed by 3D Sketching, students were given time to draw the pencil sketch of vehicle concept model. Winners were provided with cash prize

Event: Moto Quiz

Venue: CM SF 12

Date: 21.02.2020

The inquisitive minds had a good time in the Moto Quiz which had 20 questions in the Prelims and 40 in the Finals. Quiz was conducted using online Kahoot Platform. Winners were given cash prize and Special Jury award was also awarded.

Event: IWS Gallop

Venue: Drawing Hall

Date: 22.02.2020

The event had 4 rounds – Quiz - Prelims, Face-Off Challenge, Semi Finals Rounds, and Finals – Quiz. Around 36 participants took part in the event organized by the students of Indian Welding Society.

Event: Garage Manager

Venue: Karting Lab

Date: 22.02.2020

Participants were interviewed with 5S Principles and its implementation in the Prelims. In Finals, the participants were instructed to submit the model 5S implementation for the Garage.

Event: Junk Yard

Venue: Karting Lab

Date: 22.02.2020

Participants were provided with Scrap materials and 15 minutes. Objective of the event is to bring out the useful products out of the given material. Event was scheduled for 60 minutes. Winners were felicitated with certificates.

The events came to an end with a Vote of Thanks to all the staff and student coordinators for individual events.

CELEBRITY EVENTS

Day 1:

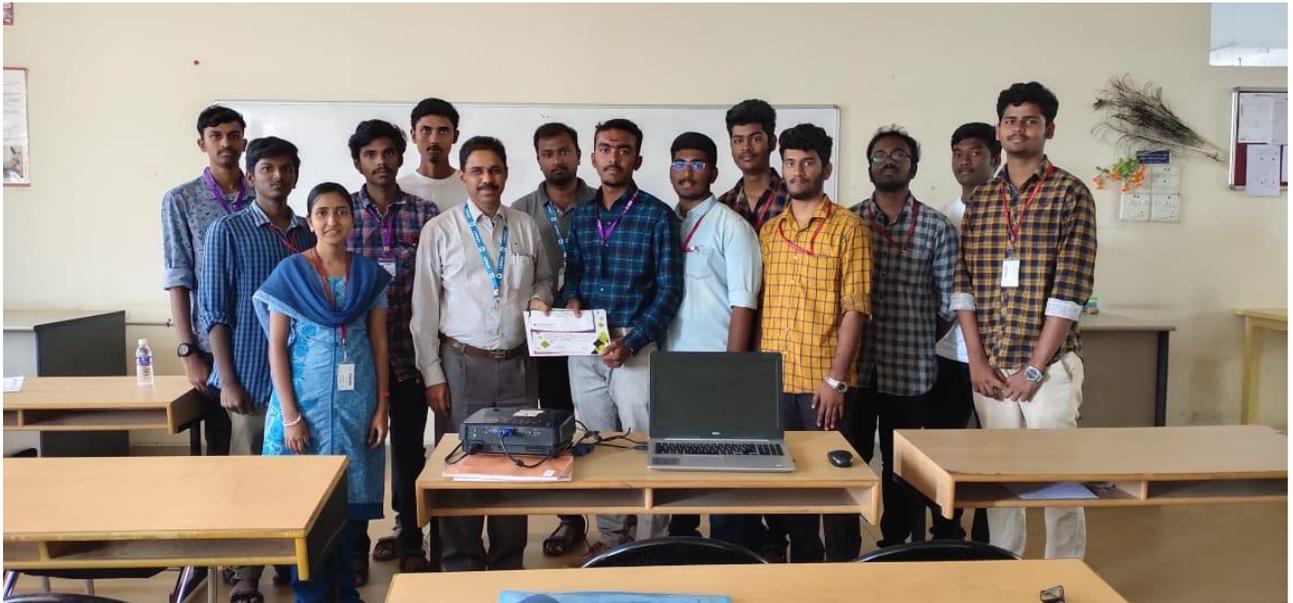
Day 1 witnessed bike stunt show by Wheelz Up and the stardom of Actor Shanthanu Bhagyaraj, at the evening. The event started in the presence of our beloved Chairman Dr. K.P. Ramasamy, General Manager Mr. Munuswamy, Chief Executive Dr. A. M. Natarajan, Principal (KPRIET) Dr. M. Akila, Principal (KPRCAS) Dr. Balasamy, all department HoDs and Faculty Members and participants. The audience enjoyed the performance from Music and Dance Club. Dance Teams from institutions in and around Coimbatore contested for the Dance Competition, which was followed by a dance performance from Shanthanu, and audience interaction session.

Day 2:

In the afternoon of Day 2, Actor and Motivational speaker Joe Malluri enlightened the minds of the audience by sharing his experience as a student. He emphasized on the way a student should behave and also cited on how the relationship among the students should exist. His speech was purely in Tamil, showing his love for the language as well as inspiring the students to develop a love towards their mother tongue. The evening had YouTube Celebrities adorning the stage – Team Nakkalites, Team Sema Bruh, Team Black Sheep. Audience interaction and dance performance by the celebrities also took place, followed by Vote of Thanks by the Principal (KPRIET) Dr. M. Akila.









Shot on realme X
 By Karthikeyan









தினமலர்

25.02.2020, Page No - S3

கே.பி.ஆர்.,ல் 'இக்னிட்ரான் 2020'

குலூர், பிப். 25-
கே.பி.ஆர்., பொறியியல் மற்றும் தொழில்நுட்ப கல்லூரியில், 'இக்னிட்ரான் 2020' எனும் தொழில்நுட்பம் மற்றும் கலைப்போட்டிகள் நடந்தன.

எட்டு கருத்தரங்குகள், 20 தொழில்நுட்ப நிகழ்ச்சிகள், 12 கேளிக்கை நிகழ்ச்சிகள், தனி மற்றும் குழு நடனம், வினாடி-வினா போட்டிகள் நடந்தன.

கலை நிகழ்ச்சியில், கல்லூரி தலைவர் ராமசாமி தலைமை வகித்து பேசினார். சினிமா நடிகர் சாந்தனு மாணவர்களுடன் நடனமாடி, பார்வையாளர்களின் கரவொலியை பெற்றார்.

முதல்வர் அகிலா, முதன்மைச் செயலாளர் நடராஜன், செயலாளர் முனுசாமி மற்றும் துறை தலைவர்கள், பேராசிரியர்கள், மாணவர்கள் பங்கேற்றனர். இரண்டாம் நாள் நிகழ்ச்சியில், சினிமா நடிகர் ஜோ மல்லூரி பங்கேற்றார்.



கோவை கே.பி.ஆர். பொறியியல் கல்லூரியில் நடந்த கல்லூரிகளுக்கான கலைப்போட்டியில் நடிகர் சாந்தனு பங்கியரந்து கொண்டு மாணவர்களுடன் மேடையில் நடனமாடிய காட்சி.

கல்லூரிகளுக்கு இடையே கலைப்போட்டிகள்!

நடிகர் சாந்தனு பங்கேற்றார்!!

கோவை கே.பி.ஆர். பொறியியல் மற்றும் தொழில்நுட்பக் கல்லூரியில் இக்னிட்ரான் 2020 கே.பி.ஆர். பொறியியல் மற்றும் தொழில்நுட்பக் கல்லூரியில் "இக்னிட்ரான் 2020" எனும் கல்லூரிகளுக்கிடையேயான தொழில்நுட்பம் மற்றும் கலைப்போட்டிகள் 2 நாட்கள் நடைபெற்றது. இதில் தமிழ்நாட்டின் பல்வேறு பகுதிகளில் இருந்து சுமார் 1000 மாணவ, மாணவிகள் பங்கேற்றனர். இதில் 8 கருத்தரங்குகள், 28 தொழில்நுட்ப நிகழ்ச்சிகள், 12 கேளிக்கை நிகழ்ச்சிகள், தனிநபர் நடனம், கூட்டு நடனம், வினாடி வினா, முகஅலங்காரம், புகைப்படப் போட்டி உள்ளிட்ட பல்வேறு போட்டிகள் நடைபெற்றது. முதல்நாள் நிகழ்ச்சிக்கு

சிறப்பு விருந்தினராக திரைப்பட நடிகர் சாந்தனு பாக்யராஜ், கே.பி.ஆர். பொறியியல் கல்லூரியின் தலைவர் கே.பி.ராமசாமி சிறப்பு விருந்தினர்களாக கலந்து கொண்டனர். அதில் நடிகர் சாந்தனு பாக்யராஜ் மேடையில் உற்சாகமாக பேசியதுடன், மாணவர்களுடன் சேர்ந்து நடனமாடி அசத்தினார். நிகழ்ச்சியில் கல்லூரியின் முதல்வர் மு.அகிலா, கல்லூரியின் முதன்மை செயலர் ஏ.எம்.நடராஜன், கல்லூரியின் செயலர் முனுசாமி ஆகியோர் பங்கேற்றனர்.

இரண்டாம் நாள் நிகழ்ச்சியில் சிறப்பு விருந்தினராக திரைப்பட நடிகரும், கவிஞருமான ஜோ மல்லூரி கலந்து கொண்டு பேசினார்.

இரண்டாம் நாள் நிகழ்ச்சியில் பிளக் ஷிப் யூடியூப் சேனல் நரேந்திரமிராசாத்,

தேஜாவெங்கடேஷ், செம்பிரஸ் யூடியூப் சேனல் இன்யன், ராகவி.நக்லவைட்ஸ் யூடியூப் சேனல் அருண், சசி ஆகியோர் சிறப்பு விருந்தினர்களாக கலந்துக்கொண்டனர்.