



IPS Academy INSTITUTE OF ENGINEERING & SCIENCE

(A UGC Autonomous Institute, Affiliated to RGPV)

Knowledge, skills & values

Department of Electrical & Electronics Engineering

Presents



Annual TechFest



e-Awartan 2021

07th & 08th May, 2021

Project Competition

On

07th May, 2021

Technical Quiz

On

07th May, 2021

Paper Presentation

On

08th May, 2021

Expert Talk

On

08th May, 2021

Major Project Competition

Prof. Yogendra S. Dohare

Prof. Hemant Mehar

Event In-Charge

Prof. Kamlesh Gupta

Paper Presentation

Prof. Md. Firoz

Prof. Priya Pal

Technical Quiz

Prof. Deepesh Bhati

Prof. Shahnam Baig

Event Coordinators



Expert Talk

Prof. Deepesh Bhati

Prof. Namrata Nebhnani

A Report

on

"e-Awartan 2021"

(Annual Tech- Fest)

Organized by

Department of Electrical & Electronics Engineering

IPS Academy

Institute of Engineering & Science, Indore

Department Message -

e-Awartan is an annual tech- fest organized by department of Electrical & Electronics Engineering, IPS Academy, IES, Indore Every year. This event is for two days, in which different competitions like paper presentation, project competition, technical quiz and expert lecture organized for the students. The main aim behind to conduct this event is to provide a

platform to students, to enhance their skills and knowledge. Such type of events is very helpful for students to show their learning in an academic year. Every year, in month of March-April department conduct this event at IES Auditorium Hall, but unfortunately this year, due to lockdown (COVID 19), not possibility to organized event physically.

"Department never compromise with benefits of students and therefore decided to organized event on online platform."

About e - Awartan 2021

Department of Electrical & Electronics Engineering, IPS Academy, IES, Indore have organized two days Tech-Fest event "e-Awartan 2021" online.

The tech fest was held for two days from 7th May 2021- 8th May 2021.

On 7th May 2021, the first day of event starts with the project competition coordinated by faculty coordinator

The project competition event was commenced at 12:30 PM sharp for two hours. There were number of teams who participated in the event with their innovative ideas. This competition was held online on Microsoft Teem platform.

After this event, there was a short break of 15 minutes to prepare for the next event. On the same day, Sharp at 3:00 PM, technical quiz competition was started.

In this event, different technical questions were asked by students. Students tried their best to score maximum marks in this event. This competition was held online on google form.

At the end of the first day of event, results were declared by judges for the two events.

On 8th May 2021, the second day of event starts with Expert talk and then paper presentation competition which started at 11:00 AM sharp.

At the end, result of this event was declared by the judges.

Report on Project Competition

e- Awartan was held on 7th and 8th may 2021. In this year also due to the COVID 2021, tach fest of department was conducting online via microsoft team platform.

The main motive of project competition is to provide a competitive atmosphere and encourage students to prepare some good projects that will be helpful for the society as well as give an additional support to their education.

Project competition was held on first day of the event i.e. 7th may 2021.

Competition was started at 12.30 PM.

There are total 7 project in this competition that is the good figure because of the present situation.

All projects are good and enough technical sound. number of audience is 50+.

The coordinator of project competition is Dr. Y.S. Dohare&Prof. Hemant Mehar

Judge for this event is Prof.Kamlesh Gupta &Prof. Manoj Gupta.

On the basis of different criteria the result of project competition is listed below –

Result of project competition

Held on 7th May 2021

12.30PM-02.15PM

(Online - via Microsoft team)

Under e-Awartan 2021

1. Smart car parking system (4th yr)

Akash, Aman, Kunjal, kushagra

2. Three Phase Brushless DC comtroller(3rd yr)

Ritikajain, sandeepkumarsingh,saurabhmishra, Gaurav yadav, manishverma

3. Speed control of DC motor (3rd yr)

Bhavishya ,Priyanshu, Vividhyadav, Aman, Sagarvidhyarti

Screen Shot of Microsoft team during event



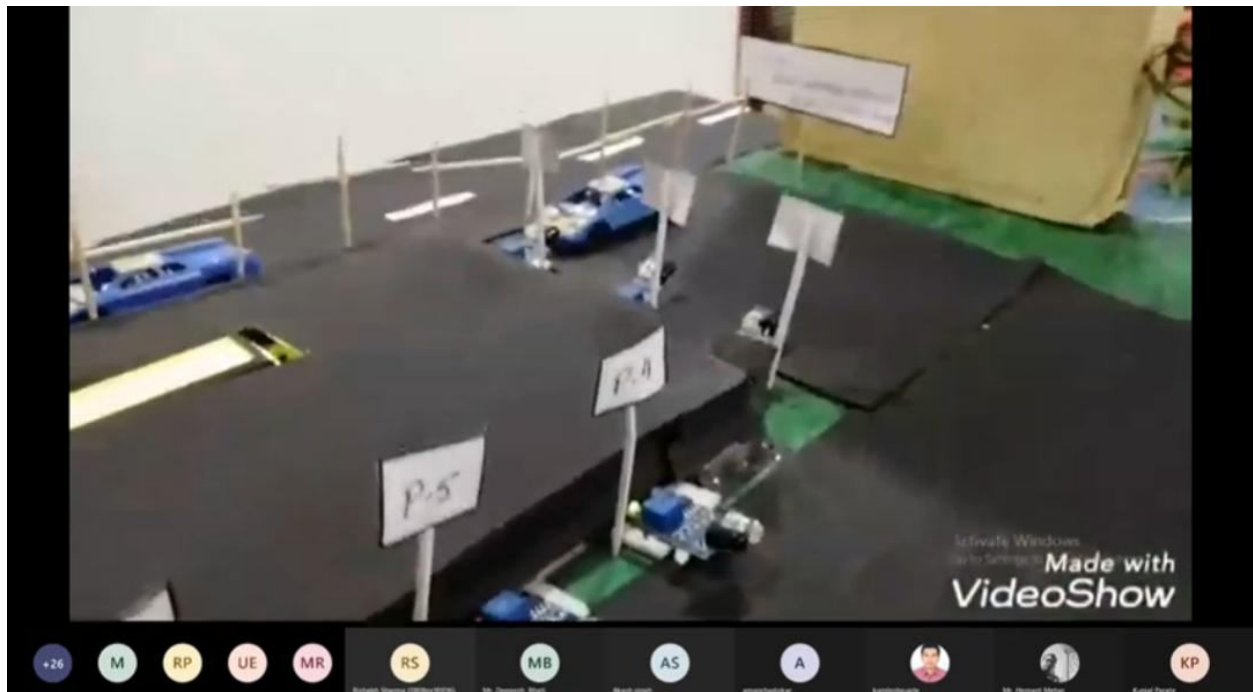
A screenshot of a Zoom meeting grid. The grid shows several participants represented by circular icons with initials: MB, RS, MG, UE, A, KP, and AS. One participant, Mr. Hemant Mahur, is shown in a video feed. At the bottom, there is a toolbar with various icons for meeting controls.

IPS Academy
INSTITUTE OF ENGINEERING & SCIENCE
 (A UGC Autonomous Institute, Affiliated to RGPV)
Knowledge, skills & values
ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT
MAJOR PROJECT
SENSIBLE HYBRID SMART PARKING SYSTEM
 Guided by- Prof. Deepesh Bhati
 Submitted by- Akash Singh (0808EX171002)
 Aman Chadokar (0808EX171003)
 Kunjal Parate (0808EX171010)
 Kushagra Sahay (0821EX171009)

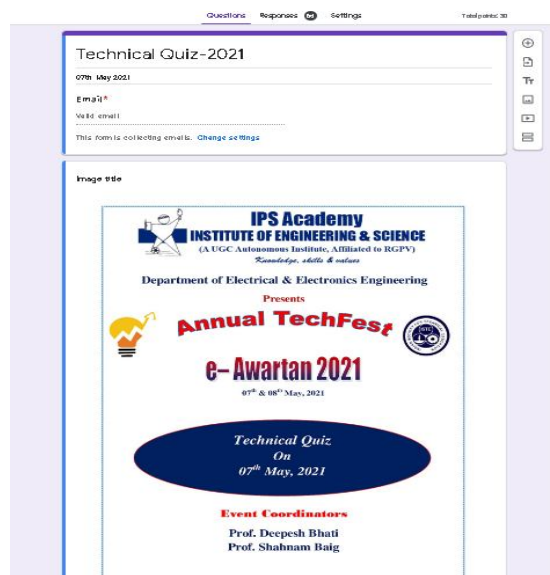
Activate Windows
 Settings to activate Windows.

SENSIBLE HYBRID SMART PARKING SYSTEM

A screenshot of a presentation slide. The slide features the logo of IPS Academy Institute of Engineering & Science, which includes a stylized figure holding a torch. The text on the slide provides details about the department, the major project, and the names of the guide and students. At the bottom, there is a blue banner with the project title and a Windows activation watermark.



Post lunch, we started with our second event that is Technical Quiz Competition. The event was started at 3.00 PM. We had 62 students in this competition. This event is conducted by Google Form. The coordinator of project competition is Prof. Deepesh Bhati & Prof. Shahnam Baig. The judges of the competition are Prof. Manoj Gupta.



Technical Quiz-2021 (Responses) ☆ ☰

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1	A	B	C	D	E	F	G	H	I	J
6	5/7/2021 11:08:43 kourasachin1999@gmail		17 / 50	Sachin Kourav	6th	0808E X181019	Directly proportional	A/m	75W	V(volt)
7	5/7/2021 11:14:33 aakash1995993@gmail.co		34 / 50	Aakash Kumrawat		8 0808E X171001	Directly proportional	Henry	75W	kWh(kilowatt-hour)
8	5/7/2021 11:18:05 ujjvaltailor0@gmail.com		45 / 50	Ujjval tailor	6th	0808E X171023	Directly proportional	Henry	75W	kWh(kilowatt-hour)
9	5/7/2021 11:25:32 yogendra.parihar25@gmail		46 / 50	Yogendra Singh Parihar		8 0808E X183002	Directly proportional	Henry	75W	kWh(kilowatt-hour)
10	5/7/2021 11:27:18 kunjalparate@gmail.com		50 / 50	KUNJAL PARATE	6th	0808E X171010	Directly proportional	Henry	75W	kWh(kilowatt-hour)
11	5/7/2021 11:28:13 sandeepsinghpsa@gmail		49 / 50	SANDEEP KUMAR SINGH	6th	0808E X181022	Directly proportional	Henry	75W	kWh(kilowatt-hour)
12	5/7/2021 11:29:11 ritkajainpsa@gmail.com		49 / 50	Ritika Jain	6th		17 Directly proportional	Henry	75W	kWh(kilowatt-hour)
13	5/7/2021 11:29:14 hariyada9005@gmail.co		20 / 50	Hariom yadav	4th		11 Directly proportional	Henry	75W	kWh(kilowatt-hour)
14	5/7/2021 11:31:27 abhishekchoudhary3657@		48 / 50	Abhishek Choudhary	3rd	0808ex191001	Directly proportional	Henry	75W	kWh(kilowatt-hour)
15	5/7/2021 11:31:49 0808ex181011.ies@ips.ac		32 / 50	Neha Kujur	6th semester	0808ex181011	Directly proportional	Henry	75W	kWh(kilowatt-hour)
16	5/7/2021 11:34:20 sharma9713mohit@gmail		40 / 50	Mohit Sharma	6th Semester	0808E X181010	Directly proportional	Henry	75W	kWh(kilowatt-hour)
17	5/7/2021 11:35:14 s hrees harma209325@gm		49 / 50	Rishabh sharma	6 th	0808E X181016	Directly proportional	Henry	75W	kWh(kilowatt-hour)
18	5/7/2021 11:35:46 adityashihare290@gmail		49 / 50	Aditya shihare		4 0808E X191002	Directly proportional	Henry	75W	kWh(kilowatt-hour)
19	5/7/2021 11:35:58 ashishmahiyas46@gmail		48 / 50	Ashish Mahiya	4th	0808E X191005	Directly proportional	Henry	75W	kWh(kilowatt-hour)
20	5/7/2021 11:36:24 gawdaypraveen@gmail.co		47 / 50	PRAVEEN GAWDAY		6 0808E X181013	Directly proportional	Henry	75W	kWh(kilowatt-hour)
21	5/7/2021 11:36:33 pranav60007@gmail.com		49 / 50	Pranav Mathankar	6th	0808E X181012	Directly proportional	Henry	75W	kWh(kilowatt-hour)
22	5/7/2021 11:36:42 deveshvyas5050@gmail.c		45 / 50	Devesh vyas	4th sem	0808ex191008	Directly proportional	Henry	75W	kWh(kilowatt-hour)
23	5/7/2021 11:37:28 ritesh19061@gmail.com		48 / 50	Ritesh Nandeda	4th	0808E X191020	Directly proportional	Henry	75W	kWh(kilowatt-hour)
24	5/7/2021 11:38:57 bhaveshhada23@gmail.co		45 / 50	Bhavesh hada	2nd year 4 sem	0808E X191007	Directly proportional	Henry	75W	kWh(kilowatt-hour)
25	5/7/2021 11:39:27 brpadiyar299@gmail.com		20 / 50	Bharat Padiyar	2 nd	02	Directly proportional	Henry	75W	kWh(kilowatt-hour)
26	5/7/2021 11:39:30 s.sandeepsaiwal2110@gm		46 / 50	Sandeep saiwal		6 0808E X181021	Directly proportional	Henry	75W	kWh(kilowatt-hour)

Result of Technical Quiz competition

- 1) KunjalParate I Position
- 2) Ritika Jain II Position

Day Two

Expert Talk

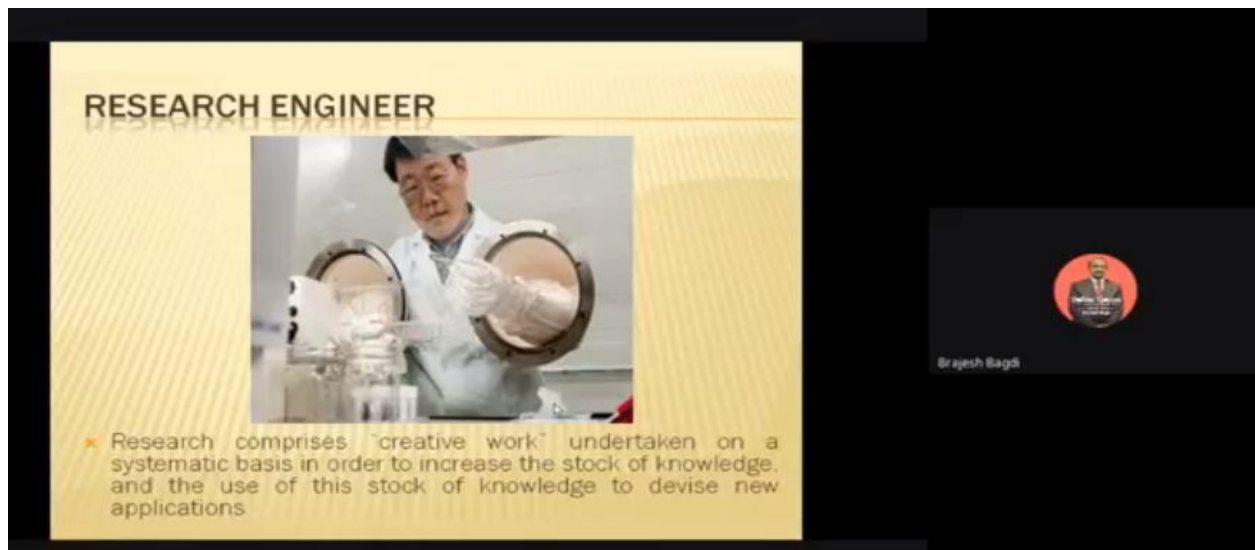
Expert talk was held on second day of the event i.e. 8th may 2021.

Competition was started at 11:00 am.

Expert lecture delivered by Prof. Brajesh Bagdi, Associate Professor, MIT, Ujjain. 15 year experience in teaching field.


The coordinator of project competition is Prof. Deepesh Bhati & Prof. namrata Nebhnani.

The main motive of expert talk is to provide knowledge about scope in electrical and electronics engineering. Imagine your life without electricity and consumer durables like television, refrigerator, microwave, etc. - seems mundane and hard to survive. Isn't it? Electricity and electronic appliances have become one of our basic needs in day-to-day life. With our increasing dependency on electrical and electronic products, the scope of electrical and electronics engineering has also grown in giant strides as compared to previous decades.



The image shows a presentation slide on the left and a video call window on the right. The slide has a yellow background with the title "RESEARCH ENGINEER" at the top. Below the title is a photograph of a man in a white lab coat working in a laboratory. At the bottom of the slide, there is a definition of research: "Research comprises 'creative work' undertaken on a systematic basis in order to increase the stock of knowledge, and the use of this stock of knowledge to devise new applications". The video call window on the right shows a small circular video feed of a man in a suit, with the name "Brajesh Bagdi" displayed below it.

ELECTRICAL MAINTENANCE ENGINEER



- ✦ Maintenance Engineering is the discipline and profession of applying engineering concepts to the optimization of equipment, procedures, and departmental budgets to achieve better maintainability, reliability, and availability of equipment.

7:56 / 32:04

Brajesh Bagdi



17:31 / 32:04

PAY SCALE



- ✦ A middle level technical professional gets Rs 70,000-80,000 a month (approx.).

15:48 / 32:04

Brajesh Bagdi

Paper Presentation Competition

To develop and enhance professional communication, presentation skill and technical knowledge of students, IPSA-IES, Dept. of Electrical and Electronics Engg. , every year organizes technical paper presentation competition in techfest “**e-Awartan under ISTE student chapter**”. This event provides the student a best platform to showcase their research ideas in front of an esteemed panel of judges. In this academic year 2021, Dept. of Electrical and Electronics Engg., conducted paper presentation event online to keep students and other staff members safe from COVID-19 pandemic. We always motivate students to write and present the paper and provide them platform to express their knowledge related to engineering field.

In the academic Year 2021, event paper presentation competition was held on 8th May 2021. Students were asked to submit the research paper on the topic “**Recent Advances in Electrical & Electronics Engineering and Applications**” before the event to event coordinators on their Mail ID.

Faculty Coordinators: Ms. Priya Pal , Md. Firoz Khan

The event was commenced at 12:00 Noon sharp on 8th May 2021.

Event Duration: Two Hours (12:00 Noon – 2:00 PM)

Judges for the Event:

1. Dr. Yogendra Singh Dohare, Asst. Professor in IPSA, IES, Dept. of Electrical and Electronics Engg.
2. Prof. Kamlesh Gupta, Asst. Professor in IPSA, IES, Dept. of Electrical and Electronics Engg.

Event Coordinator Ms. Priya Pal warmly welcomed all the judges, participants and students.

Students were asked to give presentation on PPT online on Microsoft Teams . There were 13 groups who sent the papers for review, out of which only seven groups participated and presented their paper online on the day of event.

All the participating groups tried their best to complete their presentation on time (7 minutes for presentation as given in rules and regulation of event) and answer the queries raised by judges and students.

The participants presented the papers on topics like IoT-based patient health monitoring system using ESP8266, A Review on Sensible Hybrid Smart Parking System, Patient health monitoring systems.

In the end, results were declared by the judges.

RESULT

Group no.	Name of students	Topic Name	Branch	Year/sem	Result Status
7	SumitGochre, Ujjval Tailor, Aakash Kumrawat, Madhusudan	IoT-based patient health monitoring system using ESP8266	EX	IV/VIII	Winner
5	Akash Singh, Kushagra Sahay, KunjalParate	A Review on Sensible Hybrid Smart Parking System	EX	IV/VIII	Runner-up

All in all, the event was a great success. Thanks to the untiring guidance and support of Prof.& Head of the Dept. Manish Sahajwani, e-Awartantechfest coordinator Mr. Kamlesh Gupta and all faculty members for making this event a great success.

e- Awartan 2021

Organized By

Department of Electrical & Electronics
Engineering

Institute of Engineering & Science (IES)

IPS Academy, Indore (MP)

Overall Coordinator

Mr. Kamlesh Gupta
(AP, EXD, IES, IPSA)

Major Project
Coordinator

Dr. Yogendra S.
Dohare & Mr. Hemant
Mehtar
(AP, EXD, IES, IPSA)

Technical quiz
Coordinator & Expert
Talk

Mr. Deepesh Bhati & Ms.
Shahnambai
(AP, EXD, IES, IPSA)

Paper Presentation
Coordinator

Md. Firoz & Ms. Priya
Pal
(AP, EXD, IES, IPSA)

Judges for Project Competition

Mr. Kamlesh Gupta

Mr. Manoj Gupta*

Judges for Paper Presentation

Mr. Manoj Gupta

Dr. Y. S. Dohare*

Patron

Mr. Manish Sahajwani

Head of Department