

2.3.1

Student Centric Methods such as Experimental Learning, Participative Learning and Problem Solving Methodologies are used for Enhancing Learning Experiences.

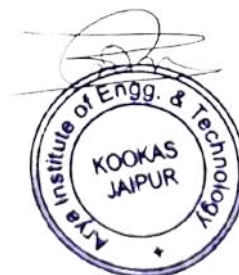
For Experimental, Participative and Problem Solving learning of the Students, Institute has a dedicated and organized structure.

Experimental Learning:

This improves the problem solving abilities of students and enhances their understanding. **Project Based Learning** is the method of experimental learning. Students come with their ideas and implementation by pooling resources from various departments. The institute has implemented project based learning from the first year itself.

The Project work carried out by the students generally reflect their learning level during the program and knowledge of POs while implementing their project work on various technical/ social challenges of the society. This work is carried out by group of students and their continuous evaluation is ensured by their HODs. Following are the major activities:

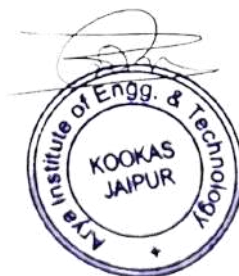
- Various Clubs of Each department under which students perform their Project Work. Various projects are as below:
 - Bionic Hand (Patent Applied)
 - DTM Machine (Patent Applied)
 - Digital Stethoscope (Patent Applied)
 - Robotic Arm
 - App Development
 - Solar based applications and projects
 - Drone
 - Designing of Steering of a Car (Patent Applied)
 - Others
- Social Clubs
 - Rotract Club
 - Toastmasters Club
 - Pupil Club
 - National Service Scheme (NSS)
- Science Project Exhibition.





Project Based Learning

S. No.	Activity
1	Minor and Major Projects as per RTU Curriculum
2	Hardware/ Software Working Model Exhibition
3	ACME Club (Mechanical Projects)
4	Dot Net Club (Communication/ Application based Projects)
5	Nucleus Club (Electronics/ Embedded System/ Robotics/ Artificial Intelligence)
6	Power Club (Electrical Projects)
7	Photography Club
8	Literary Club (Newsletter Publication/ Literature Competition)
9	Arya Presents Club (For publishing Conference Papers)
10	Coding Ninja Club



DEPARTMENTAL CLUB ACTIVITIES

ME Department



Workshop on Aircraft Design (19th January 2019)



Participation in Technical Competition at COMET (IT-BHU) (March-April 2018)



DEPARTMENTAL CLUB ACTIVITIES

ME Department



EFFI-CYCLE Competition at Lovely Professional University (12-16 October 2016)



ME Department



Participant and Won Cash Prize (50000/-) at ISIE Event (2018)



Also hosted Pre Virtual Round (1st Round) of the Event in 2018.

DEPARTMENTAL CLUB ACTIVITIES

ME Department

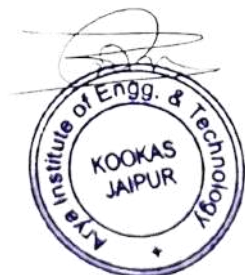


Participation in Go-kart Championship at Coimbatore, Tamilnadu -(14-17 Jan 2017)



International Workshop on Advanced Manufacturing Process & Automation

(19 Mar 2018)



DEPARTMENTAL CLUB ACTIVITIES

EE Department

Every year EE department organizes various industrial visits to students to impart practical and industrial knowledge to make them industry ready. Some of our Industrial Visit partners are:

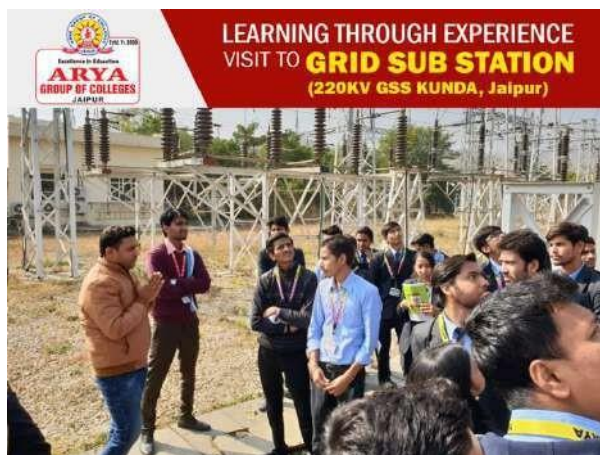
220 KV GSS, Kunda, Jaipur

Genus Overseas, Pratap Nagar, Jaipur

Uttam Transformers

Danish Transformers

400 KV Grid SubStation, Heerapra, Jaipur



**Visit to Grid Sub Station (220 KV GSS, RVVNL, Kunda, Jaipur)
(6th Dec 2018)**

DEPARTMENTAL CLUB ACTIVITIES

EE Department



Solar Panel Installation Project Work (2018), AIET, Jaipur



Visit to Uttam Transformers (2017), VKI, Jaipur



DEPARTMENTAL CLUB ACTIVITIES

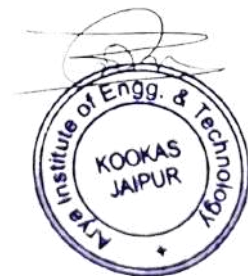
EE Department



Visit to 220 KV GSS Kunda, RVVNL, Jaipur (2017)

Also Every Year, EE Department of Arya Institute of Engineering & Technology organizes their Annual Departmental Event 'SPARKS' under Power Club. The event featured a broad queue of event ranging from Ramp Walk to Fashion Art, Tug of War to Kabbadi, Beat the Street to Treasure Hunt, LAN Gaming to Robo Race, and a lot more.

Indeed it becomes a great day, filled with fun and joy and for this we appreciate all the efforts made by the department.





DEPARTMENTAL CLUB ACTIVITIES

EE Department

ARYA GROUP OF COLLEGES
SP-40, RIICO Industrial Area, Delhi Road, Kukas
(DEPT. OF ELECTRICAL & CIVIL ENGINEERING)
PROUDLY PRESENTS
AN INTERCOLLEGE COMPETITION

SPARKS 2K16

POSTER MAKING
QUIZ
DARR KA BLOCKBUSTER
JUNKYARD
BADMINTON
SCAVENGER HUNT

- KHATRON KE KHILADI
- COUNTER STRIKE
- KABADDI
- NFS
- JAM

VENUE:- ARYA MAIN CAMPUS
DATE:- 12TH & 13TH FEB.
TIME:- 9:30 AM

CONTACT US

JITENDER SINGH 8875302100	PRAVEEN PACHORI 8426504110
ASHU SINGHAL 8387011668	SHUBHAM JAIN 9587586813
LOKESH SHARMA 7740939628	BAJRANGI YADAV 9543934077

BEETANJALI SANSULY :- 9887092848
DEEPAK BHARTI :- 9824296112
ANKIT ASARWAL :- 9460443001

ARYA Group of Colleges
SP-40, RIICO INDUSTRIAL AREA, DELHI ROAD KUKAS
(DEPARTMENT OF ELECTRICAL ENGINEERING)
PRESENTS
AN INTRACOLLEGE COMPETITION

SPARKS'17

VENUE:
ARYA MAIN CAMPUS
DATE: 28TH JANUARY
TIME: 10:00 AM

✓ ARYA'S GOT TALENT	✓ KABADDI
✓ BADMINTON	✓ QUIZ
✓ CREATIVE ARTS	✓ LAN GAMING
✓ SLOW BIKE RACING	✓ JAM

CONTACT US:

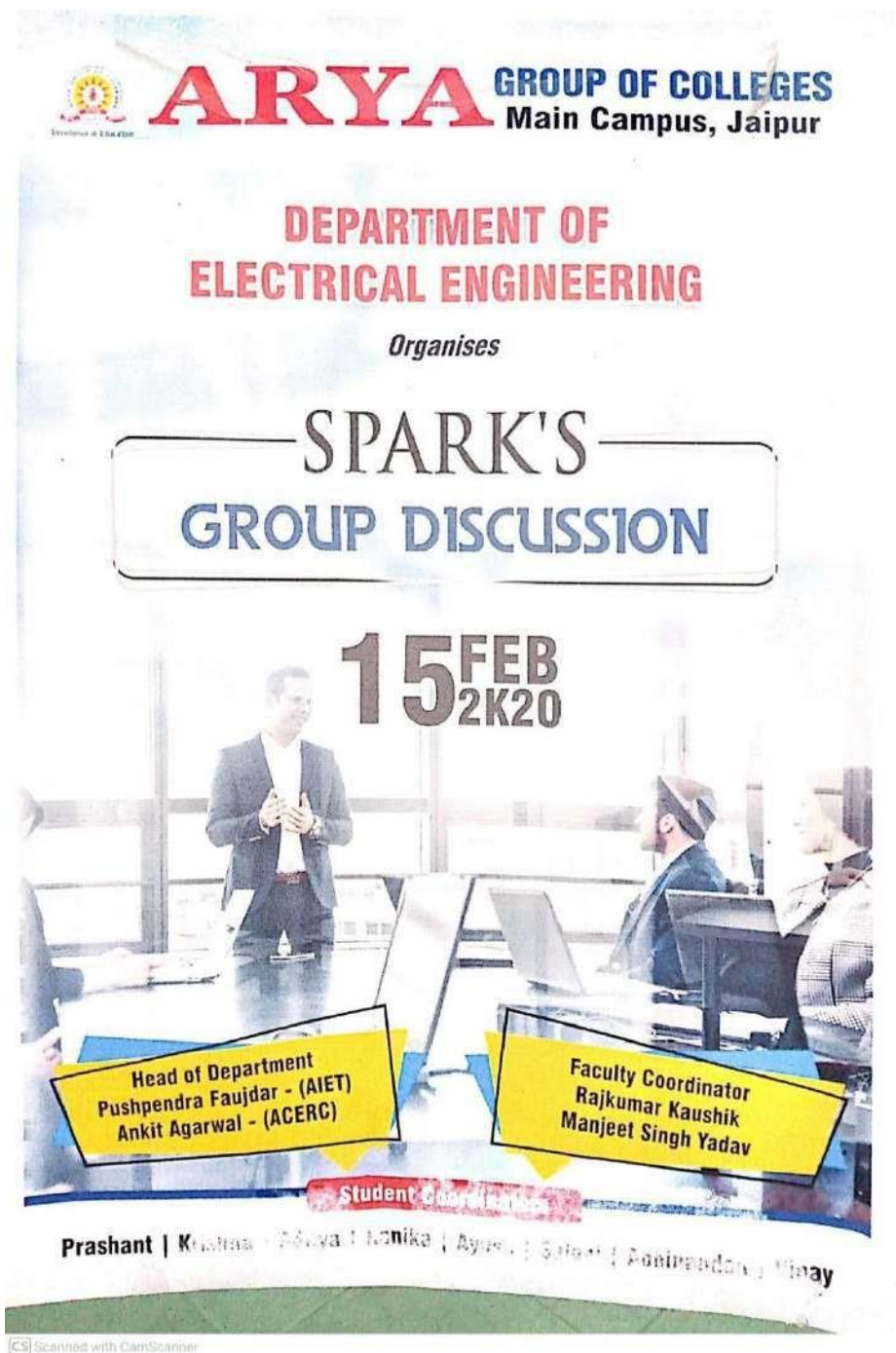
DEEPAK KANSAL (7740957053)	VIRENDRA SINGH (7737034426)	VARUN KUMAR (9649835229)
MOHD. RISHAD (8947019328)	ARJUN SINGH (9166752791)	ANKIT JHA (7791027118)





DEPARTMENTAL CLUB ACTIVITIES

EE Department



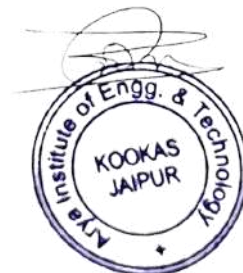
Technical cum Cultural Event (SPARK'S 2020)



DEPARTMENTAL CLUB ACTIVITIES

ECE Department

Nucleus Club organizes various events every year like conference, workshop, seminar, technical competitions etc in order to enhance technical skills and knowledge of students to make them ready for their future.



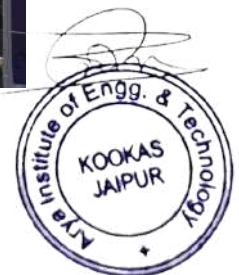
DEPARTMENTAL CLUB ACTIVITIES

ECE Department

(11th February 2017)



(7th- 9th Feb 2018)



DEPARTMENTAL CLUB ACTIVITIES

ECE Department

(9th Feb 2018)



DEPARTMENTAL CLUB ACTIVITIES

ECE Department

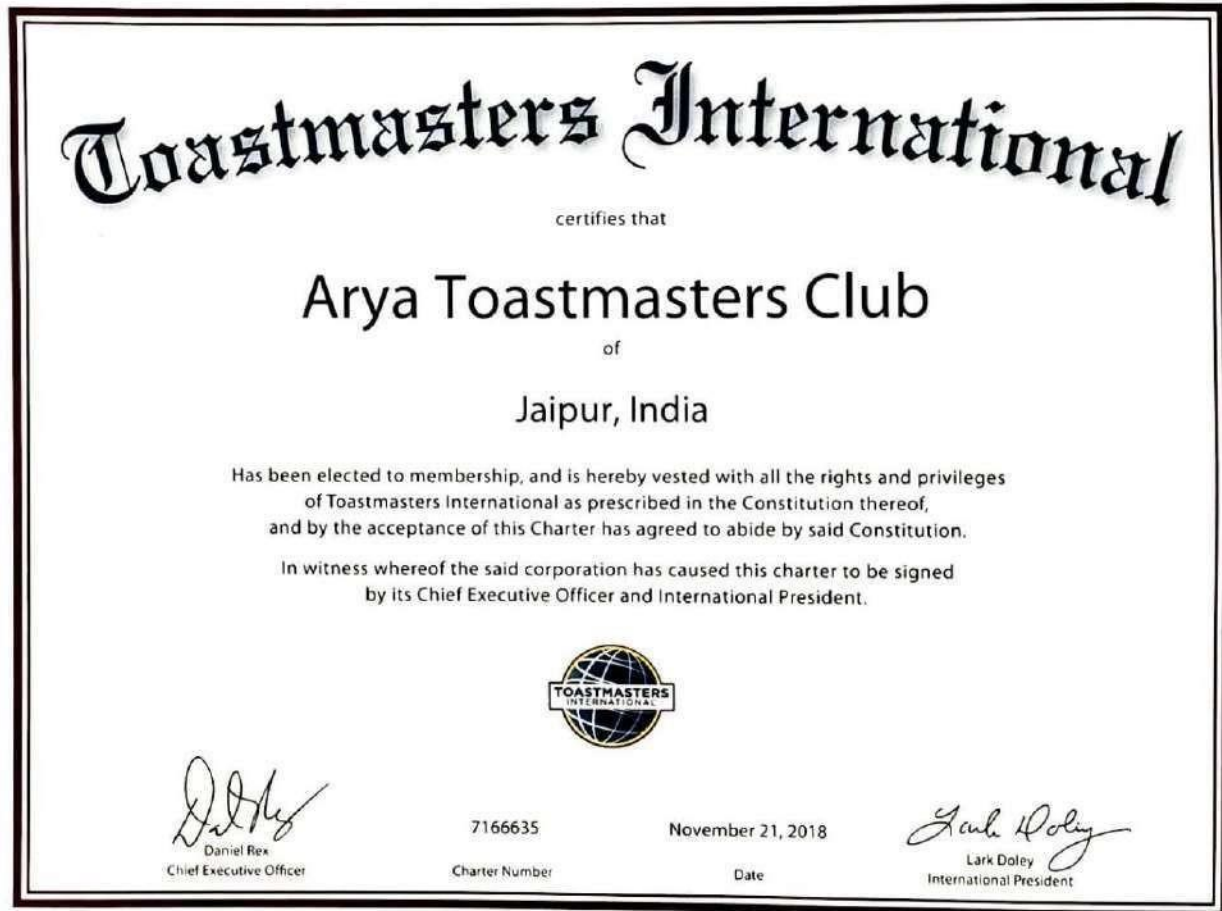
(9th Feb 2018)





DEPARTMENTAL CLUB ACTIVITIES

CSE Department (TOASTMASTERS CLUB)





CSE Department (TOASTMASTERS CLUB)



FAR8012

Toastmasters International
9127 S. Jamaica Street, Suite 400 • Englewood, CO 80112 • USA
Phone: 720-439-5050 • Fax: 303-799-7753
Web site : www.toastmasters.org

Receipt Number : 5991615
Customer ID : 7166635 - Arya Toastmasters Club

Payment Method : Visa XXXX XXXX XXXX 9054
Transaction Date : 11/09/2018
Batch Number : C11R0046

This receipt paid for following orders:

Order Number	Name	\$ Amount	Description
9008754721	Paras Tain	60.00	Membership
9008754724	Praveen Tomar	65.00	Membership
9008754728	Pooja Goyal	65.00	Membership
9008754731	Radhika Sharma	65.00	Membership
9008754735	Ram Dadhich	65.00	Membership
9008754738	Rupal Sharma	65.00	Membership
9008754742	Sagar Sharma	65.00	Membership
9008754744	Saroj Kumawat	65.00	Membership
9008754749	Sourabh Kumar Jha	65.00	Membership
9008754761	Shishir Kumar Thakur	65.00	Membership
9008754767	Shubham Kumar	65.00	Membership
9008754774	Urvashi Mishra	65.00	Membership
9008755013	Arya Toastmasters Club	0.00	Product Order


Amount Paid : \$775.00

Thank you for your order.





CSE Department (TOASTMASTER CLUB)



FAR8012

Toastmasters International
9127 S. Jamaica Street, Suite 400 • Englewood, CO 80112 • U.S.
Phone: 720-439-5050 • Fax: 303-799-7752
Web site : www.toastmasters.org

Receipt Number : 5991614
Customer ID : 7166635 - Arya Toastmasters Club


Payment Method : MasterCard XXXX XXXX XXXX 9280
Transaction Date : 11/09/2018
Batch Number : C11R0046

This receipt paid for following orders:

Order Number	Name	\$ Amount	Description
9008753777	Aakash Yadav	65.00	Membership
9008753788	Aakash Sharma	65.00	Membership
9008754124	Devraj	65.00	Membership
9008754127	Diwakar Kumar	65.00	Membership
9008754133	Geetika Mathur	65.00	Membership
9008754136	Kirti Agarwal	65.00	Membership
9008754141	Saqib MD	65.00	Membership
9008754144	Mukw Singh	65.00	Membership
9008754721	Paras Tain	5.00	Receipt - MC


Amount Paid : \$525.00

Thank you for your order.





CSE Department (TOASTMASTERS CLUB)



Arya Toastmasters Club
Club No. : 07166635

President
GEETIKA MATHUR

VP Education
SHUBHAM KUMAR

VP Membership
DIWAKAR KUMAR

VP Public Relation
POOJA GOYAL

Secretary
URVASHI MISHRA

Sergeant-At-Arms
PRAVEEN TOMAR

Treasurer
SOURAV JHA

We meet every Saturday
from 01:00 to 04:00 p.m.

Our Location :
<https://bit.ly/2Awpa2b>

Toastmasters International :
www.toastmasters.org

The mission of club is to provide mutually supportive & positive learning environment in which every member has the opportunity to develop communication & leadership skills, which in turn foster self-confidence, & personal growth.

Word of the Day :
"Zenith"

- Meaning : Height, peak point.
- Example : He has achieved Zenith in his career.

ATC Meeting No. 06

Theme : "Valentine Season." With TMOd Radhika
February 02, 2019 (Mini Auditorium, Arya college, Kukas, Jaipur)

01:00	Welcome by Sergeant At Arms Opening & meeting rules	TM Sagar																
01:05	Presiding officer calls meeting to order About Toastmasters International Welcome Guests & their Introduction Introducing Toastmasters of the Day	TM Geetika																
01:20	Toastmaster introduces the Theme & Aux Role Players Structure of the meeting Timer Ah-Counter Grammarian	TM Radhika TM Siddharth TM Urvashi TM Mukul																
01:30	Toastmaster introduces Evaluators & Speakers	Evaluator																
	<table border="0" style="width: 100%;"> <tr> <th>Speaker</th> <th>Project</th> <th>Timing</th> <th></th> </tr> <tr> <td>TM Sourabh</td> <td>L1P1</td> <td>4-6 mins</td> <td>TM Kirti</td> </tr> <tr> <td>TM Rupal</td> <td>L1P1</td> <td>4-6 mins</td> <td>TM Shubham</td> </tr> <tr> <td>TM Aakash</td> <td>L1P1</td> <td>4-6 mins</td> <td>TM Paras</td> </tr> </table>	Speaker	Project	Timing		TM Sourabh	L1P1	4-6 mins	TM Kirti	TM Rupal	L1P1	4-6 mins	TM Shubham	TM Aakash	L1P1	4-6 mins	TM Paras	
Speaker	Project	Timing																
TM Sourabh	L1P1	4-6 mins	TM Kirti															
TM Rupal	L1P1	4-6 mins	TM Shubham															
TM Aakash	L1P1	4-6 mins	TM Paras															
01:55	Toastmaster introduces Table Topic Master Conduct Table Topic Session Returns control to the TMOd	TM Diwakar																
02:25	Toastmasters introduces The G.E. General Evaluators calls for Ah-counter & grammarian reports; & provide meeting & leader evaluations. Return control to the Toastmasters	TM Radhika																
02:50	Toastmasters Presents Awards Returns control to The Presiding Officer	TM Geetika																
03:20	Presiding officer makes closing remarks & invites guests for their feedback & meeting adjourns followed by the group picture.																	





CSE Department (TOASTMASTER CLUB)



Toastmasters International presents this

CERTIFICATE OF COMPLETION

to

Priya Kotar

for achieving Level 1 of Innovative Planning

Lark Doley
International President

Daniel Rex
Chief Executive Officer

Certificate issued 4/15/2019



DEPARTMENTAL CLUB ACTIVITIES

CSE Department (DOT NET CLUB)

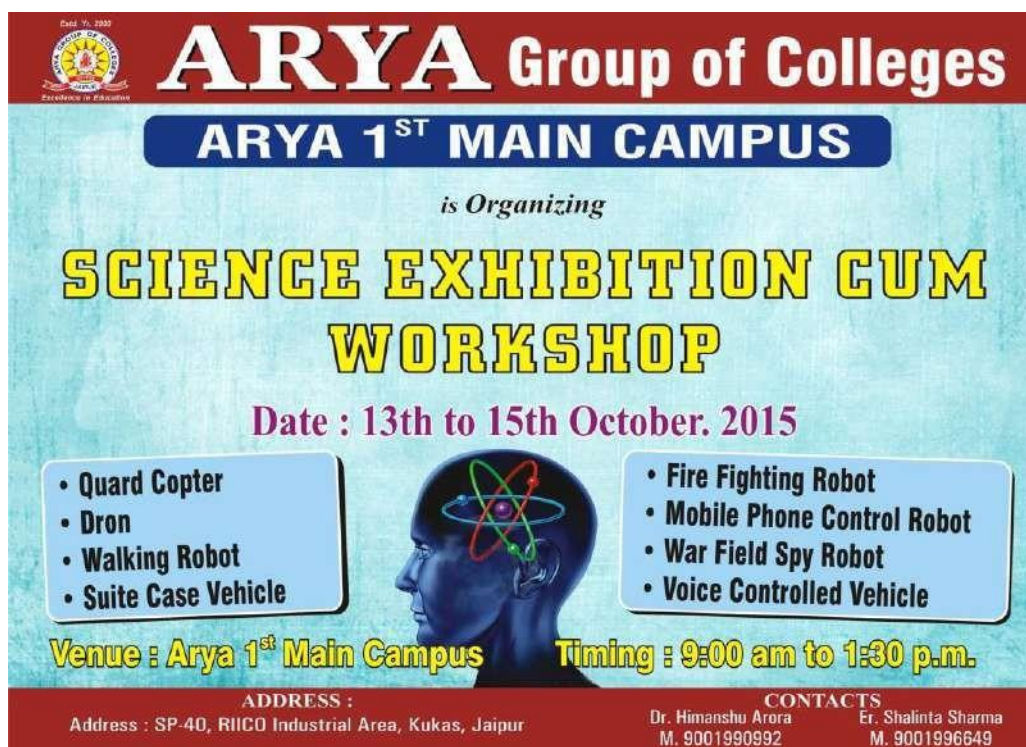


SCIENCE EXHIBITION

As the world is entering into the industrial revolution 4.0, it is becoming inevitable that the students have to be updated with the latest technologies like Artificial intelligence, Internet of Things, Machine Learning, Robotics, 3D Printing, Laser Cutting, Mechatronics and many more.

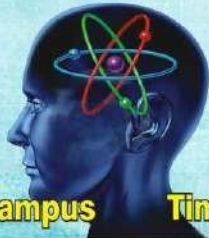
Currently institute is working on futuristic technologies and aims at sharing their learning and knowledge with young minds. In order to that institute has developed Bionic hand which works from mind. Also students have successfully launched various startups. In the name of throw ball app which has created Resto Robots for restaurants, quad copters, humanoids, solar inverters etc for the same.

Every year the institute organize visit of the school students to our campus in order to share the learning with them and also make them aware of the futuristic technologies and Students of Each club will showcase and present their technical skills and projects to school students.



ARYA Group of Colleges
ARYA 1ST MAIN CAMPUS
is Organizing
SCIENCE EXHIBITION CUM WORKSHOP
Date : 13th to 15th October. 2015

- Quad Copter
- Dron
- Walking Robot
- Suite Case Vehicle



- Fire Fighting Robot
- Mobile Phone Control Robot
- War Field Spy Robot
- Voice Controlled Vehicle

Venue : Arya 1st Main Campus **Timing : 9:00 am to 1:30 p.m.**

ADDRESS :
Address : SP-40, RIICO Industrial Area, Kukas, Jaipur

CONTACTS
Dr. Himanshu Arora Er. Shalinta Sharma
M. 9001990992 M. 9001996649



SCIENCE EXHIBITION

Software based Projects



DI-Wheel (Agriculture used Project by Final year Student)

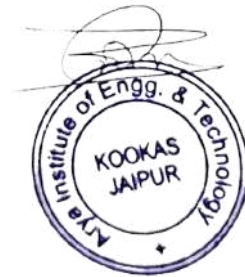


SCIENCE EXHIBITION





SCIENCE EXHIBITION



Workshops/Seminars conducted

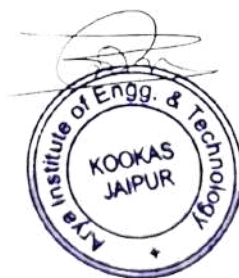
08th June 2019

TECHNOLOGICAL ADVERSITIES & INNOVATION

Arya Institute of Engineering & Technology organized an International Seminar on [Technological Adversities & Innovation](#).

The Speaker of the event was Mr. Madhu Chetty, Associate Professor at School of Engineering & Information Technology, Federation University of Australia and Mr. Jonathan H. Chan, Associate Professor, King Mongkut's University of Technology, Thonburi, Thailand.

Both the speaker covered various aspects of the current technological advancements and their future development opportunities.



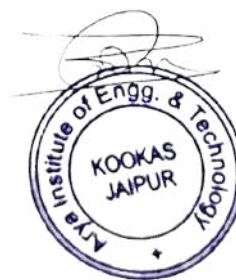
16- 17 July 2019

PYTHON TECHNOLOGY

Arya Institute of Engineering & Technology had organized a 2 Days' Workshop on **Python Technology** for the 2nd Year Students.

An expert team of trainers from **C-DAC** took the Theoretical & Practical Sessions both.

The 2 day workshops covered area's related to python like Python Tools and IDE, Introduction to Python, Features of Python, Data Types, Variables, Operators, Control Structure, Looping, Introduction to GUI Programming, Working with Basic Widgets controls of GUI Programming, Writing simple application using Python GUI Library and a lot more.



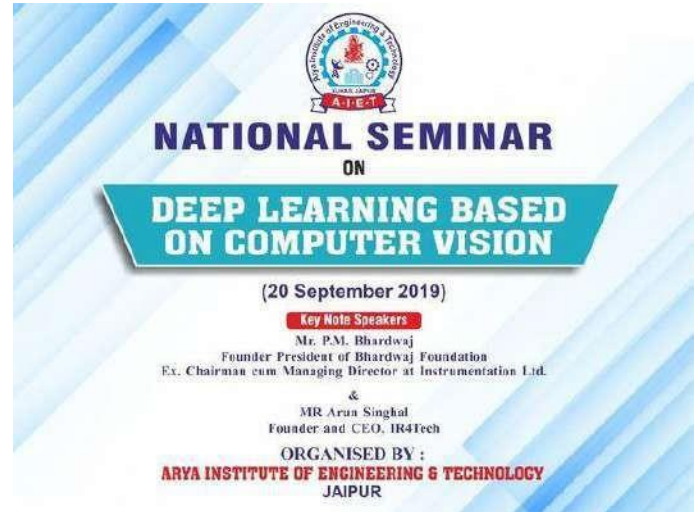
20 September 2019

DEEP LEARNING BASED ON COMPUTER VISION

ARYA Institute of Engg. & Technology had organized an [National Seminar](#) on "[Deep Learning based on Computer Vision](#)"

The Chief Speaker, Mr Arun Singhal is Founder and CEO of IT4Tech, a boutique firm focusing on consulting and services on new-age technologies like AI/Machine Learning, Data Analytics, Block chain, cloud, Robotics etc. and he has held senior leadership position in reputed MNC and Indian leading IT companies like TCS and Accenture (IT). He had presented a seminar on the stated technologies and distributed certificates to the students.

Mr PM Bharadwaj, National Level Motivational Guru and Dr. Yogesh Bhomia, Principal, AIET were present during the seminar.



10 & 11 January 2020

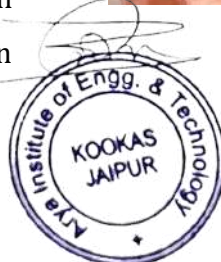
Integrating & EEG-EMG based Brain-Computer Interface and A Robotic Exoskeleton for Personalized Post-Stroke Upper Limb Rehabilitation

Arya Institute of Engineering & Technology organized **International Workshop** on Integrating & EEG-EMG based Brain Computer Interface and a Robotic Exoskeleton for personalized Post stroke Upper Limb rehabilitation on 10 January 2020.

Mr. Girijesh Prasad was the key note speaker of this workshop; He is Professor of intelligent systems in the School of Computing and Intelligent Systems.

He is Director of Northern Ireland Functional Brain Mapping (NIFBM) facility at Intelligent Systems Research Centre, where he leads the Neural Systems and Neuro-technology research team.

Pramod Gaur has an experience of 7+ years in IT and academics at various roles and capacities. He received a BE degree with honors in Computer Science and Engineering from University of Rajasthan, Jaipur, India in 2004, PGDIT from Indian Institute of Technology, Kharagpur, India in 2006.



21 & 22 February 2020

INNOVATION AND STARTUP COMPETITION (ISC)

Arya Institute of Engineering & Technology in association with Rajasthan Technical University and powered by Technical Education Quality Improvement Programme (#TEQIP-III) started "Innovation and Startup Competition (ISC) 2020".

It is a two days event followed by two different competitions related to Startup and Innovation respectively.

Dr Subhash Garg, Technical Education Minister, State of Rajasthan was the Chief Guest for the event.



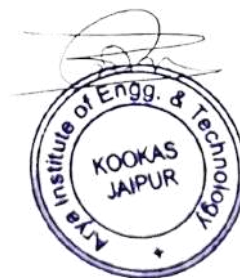
12 February 2020

DEMYSTIFYING BUDGET

Arya Institute of Engineering & Technology organized a Panel Discussion under FORTI woman wing on the topic "Demystifying Budget - Budget Review 2020"

Experts from the various industries Ms. Alka Batra, Ms. Akrakti Periwal, Ms. Sheenu Jhavar, Ms. Deepika Sharaf, Ms. Bela Badaliya & Ms. Neha Gupta were present in the event and shared their views on Budget.

The Objective of the event to make students aware of economic jargons & relevance.



16 June 2020

Webinar

Importance of Mental health in Present Scenario (Psychosocial Issues Related with COVID-19)

Mental health- is not a destination, but a process. It's about how you drive, not where you're going."


Facebook Live Session On

Importance of Mental Health In Present Scenario - (Psychosocial Issues Rated With COVID-19)

Organize By Arya Group Of Colleges, Main Campus.

A Big Thanks to All the Panelists from All Over India: -

- Dr. Arvind Agarwal (MBBS (CU) India, MD - Psychiatry, USA) President - Arya Group of Colleges.
- Dr. Vimal Kumar Sharma (Prof, Of Global Mental Health Research- Univ. of Manchester)
- Dr. Sanjay Jain (Sr. Prof. Dept, of Psychiatrist, SMS Medical College, Suprident Psychiatric Centre, Jaipur.
- Dr. Kusum Gaur Sr. Prof. Community Medicine, SMS Medical College, Jaipur (Raj)
- Dr. Lokendra Sharma Sr. Prof. Pharmacology Coordinator. ADR Monitoring Center, SMS Medical College, Jaipur under PvPI, India.
- ☑ Dr. Anil Sharma (MD, MBA) Assistant Clinical Professor UCLA School of Medicine Dept Of Psychiatry Los Angeles, California, USA.
- ☑ Dr. Divya Sharma Medical Officer, CO Investigator, NMHS - Rajasthan, Psychiatric Centre, SMS Medical College, Jaipur.



02 November 2018

Research Innovation in IOT (RIIoT-2018)

Arya Institute of Engineering & Technology in collaboration with [RTU](#), Kota conducted 3 days long TEQIP-III Sponsored [Faculty](#) Development Program on "Research Innovation in IoT (RIIoT-2018)".

This 3 days long FDP was organized to enhance awareness of the [Internet of Things \(IoT\)](#) strategic research and its innovation agenda. The [FDP](#) represented the consciousness of faculty towards of Internet of Things.

The Internet of Things is the network of physical objects that contain embedded technology to communicate and sense or interact with their internal states or the external environment and the confluence of efficient wireless protocols, improved sensors, cheaper processors, and a bevy of start-ups and established companies developing the necessary management

and application software has finally made the concept of the Internet of Things mainstream.



24 December 2018

Energy Conservation & Audit (ECA-2018)

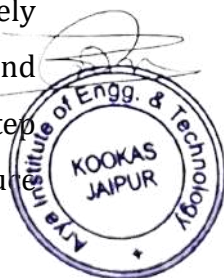
Arya Main Campus (AIET) organized 2 Days [Faculty Development Program](#) on 'Energy Conservation & Audit (ECA-2018)' on 21st and 22nd December 2018.

This [FDP](#) was organized to enhance awareness of Energy Conservation & Audit strategic research and its innovation agenda.



The FDP was preceded by Mr. BN Saini, Rtd Director RSEB, Dr. Shivlal, Principal, Banswara Govt. Engg. College, Dr. Pushpendra Singh, Associate Professor-JKLU, Mr. Rakesh Jain, (from e3 solutions).

An energy audit is an inspection survey, an analysis of energy flow for energy conservation in building, process or system to reduce the amount of energy input into the system without negatively affecting the output. In commercial and industries, an energy audit is the first step in identifying opportunities to reduce energy expenses and carbon footprints.



26 to 28 October 2018

Electric-Solar Vehicle Championship 2017-18

Arya Institute of Engineering & Technology hosted Electric-Solar Vehicle Championship 2017-18 (Asia's Biggest Solar Vehicle Championship) of the North Zone where 28 Teams from 19 States have participated.

The Chief Guest present during the event was Mr. Sukhjeet Singh (Head-Assembly) and Mr. Vipin Rajak (Manager-Engineering), Eicher Polaris Pvt. Ltd.

Today's session was headed by Mr Sonu Singh, Chairperson ISIE India Alumni Committee, R&D Engineer, Renault Nissan, Chennai.

Today participants get to know about the Alignment of Wheels, Sitting Plan of Driver, Headroom, Space Management and Importance of Solar Vehicles.

