

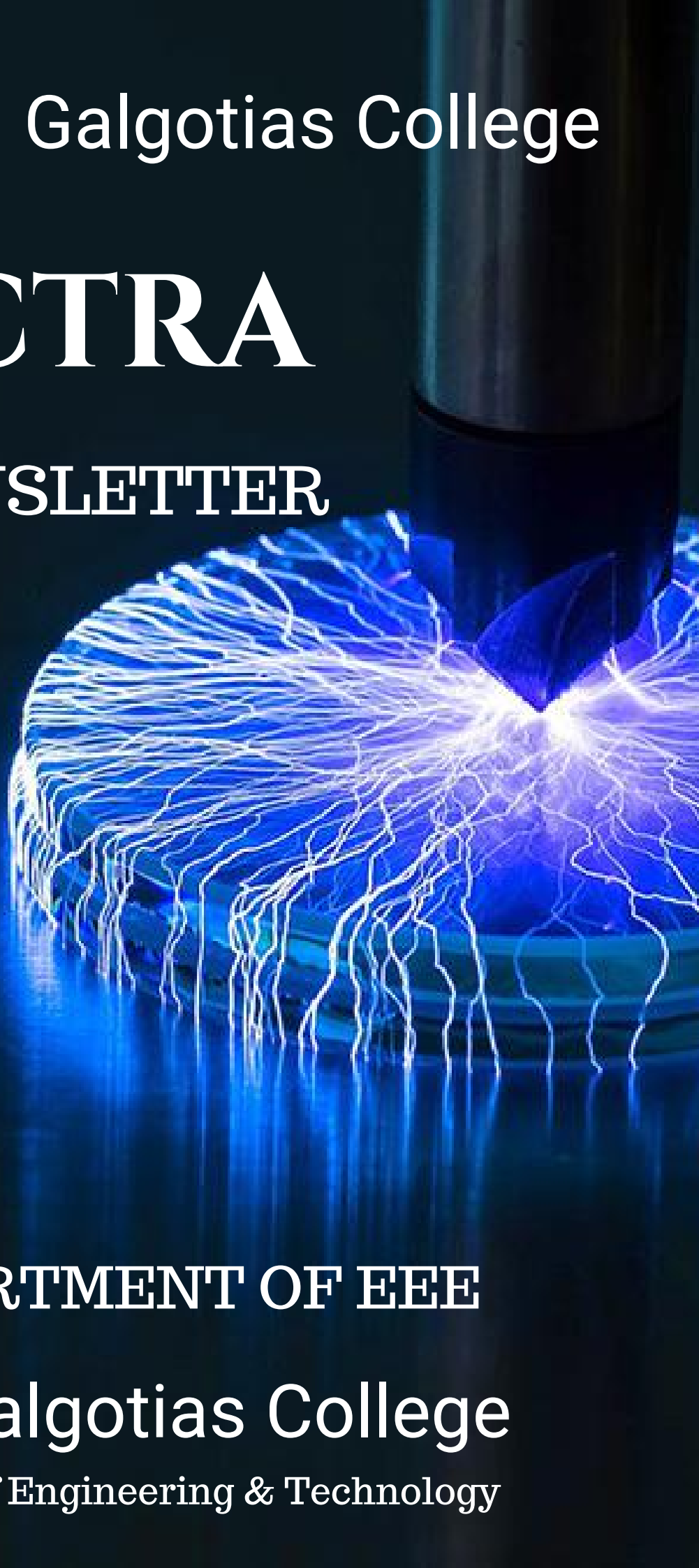


Galgotias College

# ELECTRA

## THE NEWSLETTER

Volume : II  
2017-2018



DEPARTMENT OF EEE



Galgotias College  
of Engineering & Technology



**Prof. A.  
Ambikapathy**

## Chief Editor Pen Downs...

With enormous pleasure, I would love to present a denotation that EEE Dept. is going to unveil its II issue of the Newsletter, Electra. Since past few years it has been a continuous and massive process to lionize the ponderous efforts, where we can make every one learn and grow with us in the department. Being the HOD, its an indispensable responsibility to take all those endeavors at its pinnacle and hopefully Electra will be its epitome. I bestow my heartfelt gratitude to every student and faculty member who made this possible. I wish to get more sharp minds to get connected with us. All the best for future perspectives.

## Editorial Board

Chief Editor : Prof. A. Ambikapathy

Editor : Ms. Reena Sharma  
: Dr. Rajeev Kumar Shakya

**Chief Student Editor**  
Prateeksha Shreya

**Student Editor**  
Surya Srivastav



# PEO OF DEPARTMENT

THE GRADUATES SHALL BE ABLE TO:

PEO-1: EXCEL IN THEIR CAREER BY GAINING KNOWLEDGE USING MODERN TOOLS AND TECHNOLOGIES IN THE AREA OF ELECTRICAL & ELECTRONICS ENGINEERING.

PEO-2: ANALYZE REAL LIFE PROBLEMS AND PRODUCE SOLUTIONS THROUGH THEIR ENTREPRENEURSHIP AND INNOVATIVE SKILLS.

PEO-3: EXHIBIT ETHICAL ATTITUDE, GOOD COMMUNICATION SKILLS AND TEAM WORK IN CORE ENGINEERING THROUGH PROFESSIONAL DEVELOPMENT AND LIFELONG LEARNING.

## PSO OF DEPARTMENT

PSO-1: STIMULATE AND DEVELOP THE MODELS FOR CONTROLLING AND CONTRIVING OF DIFFERENT ELECTRICAL CIRCUITS AND SYSTEMS.

PSO-2: DESIGN AND DEVELOP ELECTRONICS AND COMMUNICATION CIRCUITS TO PROVIDE SOLUTIONS FOR COMPLEX ENGINEERING PROBLEMS IN THE FIELD OF ELECTRICAL ENGINEERING

# Major Events

- **VISION OF DEPARTMENT**

- TO BE RECOGNIZED AS PREMIER DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING FOR PRODUCING QUALITY TECHNOCRATS, INNOVATORS, ENTREPRENEURS, RESEARCHERS WHO CAN CONTRIBUTE VALUES TO THE SOCIETY ETHICALLY.

## **MISION OF DEPARTMENT**

DM-THE GRADUATES SHALL BE ABLE TO:

PEO-1: EXCEL IN THEIR CAREER BY GAINING KNOWLEDGE USING MODERN TOOLS AND TECHNOLOGIES IN THE AREA OF ELECTRICAL & ELECTRONICS ENGINEERING.

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PEO-3: EXHIBIT ETHICAL ATTITUDE, GOOD COMMUNICATION SKILLS AND TEAM WORK IN CORE ENGINEERING THROUGH PROFESSIONAL DEVELOPMENT AND LIFELONG LEARNING.



# MAJOR EVENTS



## IPR AWARENESS

- ON 23.08.2017 THE DEPARTMENT ORGANISED AN EXPERT LECTURE ON "AWARENESS ON IPR" UNDER THE GUIDANCE OF THEN HEAD OF DEPARTMENT, DR. PRABHAKAR TIWARI AND PROF. A. AMBIKAPATH AND MR. BIJAY KR. SAHU, THE DY MANAGER (IPR) AT NATIONAL RESEARCH DEVELOPEMENT CORPORATION (NRDC), NEW DELHI WAS INVITED TO DELIVER THIS LECTURE.



## IEEE CELEBRATION

THE IEEE STUDENT BRANCH OF GALGOTIAS COLLEGE OF ENGINEERING AND TECHNOLOGY CELEBRATED IEEE ON 3.10.2017 WITH GREAT ZEST. THE CELEBRATION CONSISTED OF 5 EVENTS. THE EVENTS WERE CONDUCTED UNDER THE GUIDANCE OF THE BRANCH COUNSELOR DR. PRABHAKAR TIWARI AND WERE MANAGED BY THE BRANCH CHAIR PRATEEKSHA SHREYA AND THE MEMBERS OF IEEE GCET STUDENT DIVISION.



# GUEST LECTURES



A GUEST LECTURE WAS ORGANISED BY THE DEPARTMENT ALONG WITH GALGOTIAS UNIVERSITY ON 26.10.2017. PROF. VINCENZO PIURI OF SWEDEN WAS INVITED TO DELIVER THIS LECTURE.



ANOTHER GUEST LECTURE WAS ORGANIZED BY THE DEPARTMENT ON "HOW TO MODEL SUCCESS". THIS LECTURE WAS DELIVERED BY DR. NAVNEET ARORA FROM IIT ROORKEE

- **INSTALLATION OF SOLAR POWER GENERATION SYSTEM**



- ON 9.11.2017 THE 2ND AND 3RD YEAR STUDENTS OF EE AND EEE DEPARTMENT SUCCESSFULLY INSTALLED A 1KW SOLAR POWER GENERATING SYSTEM, AFTER LEARNING THE NECESSARY DETAILS IN A WORKSHOP CONDUCTED ON THE SAME BY FIDUS ENERGY SYSTEM INITIATED SOLELY BY THE DEPUTY HOD OF THE DEPARTMENT PROF. A. AMBIKAPATHY.

## **CLASS AUTOMATION PROJECT**



SOME STUDENTS OF EEE 5TH SEMESTERWORKED UPON AN IDEA OF CONVERTING THEIR NORMAL CLASSROOM INTO A CLASS ROOM BY MAKING THE LIGHTS AND FANS TO GET ON AND OFF AUTOMATICALLY, BY SESNSING THE NUMBER OF STUDENTS PRESENT IN THE CLASSROOM . THE STUDENTS IMPLEMENTED THE IDEA OF 14.07.2017 UNDER THE GUIDANCE OF THE HOD OF THE DEPARTMENT PROF. A. AMBIKAPATHY.



- **INSTALLATION OF BIOGAS POWER PLANT SYSTEM**



THE EEE DEPT ORGANISED A BIO-GAS POWER PLANT INSTALLATION, CONDUCTED IN PANEL WITH APS ENERGY SOLUTIONS, WEST BENGAL. THE INTERNSHIP TOOK PLACE FROM 05.02.2018 TO 23.02.2018 AND WAS INITIATED BY THE HEAD OF THE DEPARTMENT PROF. A. AMBIKAPATHY AND COORDINATED BY 3RD YEAR STUDENTS. IT PROVED TO BE AN INTERESTING AND RESOURCEFUL EXPERIENCE FOR STUDENTS.

- **IPR LECTURE**



THE DEPARTMENT ORGANISED AN **INTRODUCTORY LECTURE ON IPR LAW** ON 21.02.2018, FOR MOTIVATING THE STUDENTS TO IMPROVE THE TECHNOLOGY IN THEIR RESPECTIVE FIELDS WITH NEW INNOVATIVE IDEAS. THE GRANDEUR OF EVENT WITNESSED ELOQUENT LECTURES, MAKING IT A GRAND SUCCESS.



- **IEEE INTERNATIONAL CONFERENCE**



EE DEPARTMENT ALONG WITH THE EEE DEPARTMENT ORGANIZED AN “INTERNATIONAL CONFERENCE ON ADVANCE COMPUTING COMMUNICATION ENERGY INSTRUMENTATION AND ROBOTICS -ICAC2EIR 2018 ON 23.03.2018 AND 24.03.2018, UNDER THE GUIDANCE OF HOD PROF. A. AMBIKAPATHY. THE CONFERENCE WITNESSES ESTEEMED ORATION OF PRODIGIOUS SPEAKERS **DR. S.N. SINGH, DR.GAJENDRA SINGH , DR. PRABHAKAR TIWARI , DR. ASHISH SRIVASTAVA, AND DR. SHABANA UROOJ, DR. V.K DWIVEDI.** IT WAS PROCEEDED BY A TECHNICAL SESSION WHERE STUDENTS SHOWCASED THEIR PRESENTATION.



## IOT AWARENESS LECTURE



ON 07.03.2018 EE DEPARTMENT CONDUCTED A LECTURE ON "INDUSTRIAL INTERNET OF THINGS" 'DELIVERED BY MR.VASEEM DURRANI DIRECTOR AT ADIFECO TECHNOLOGY'. THE LECTURE CONSISTED OF A BRIEF INTRODUCTION OF IOT AND ITS WIDE APPLICATION TO THE STUDENTS.

## FELICITATION OF TOPPERS

ON 7.03.17 STUDENTS WHO TOPPED THE CHART WITH FLYING COLORS IN THE SEMESTER EXAMINATION WERE PRAISED BY THE DEPARTMENT. THEY WERE ENCOURAGED BY THE HEAD OF DEPARTMENT AND SENIOR FACULTIES OF THE DEPARTMENT TO KEEP THE MORALE HIGH FOR ACHIEVING GREATER HEIGHTS.





# DRDO ROBOTICS AND UNMANNED SYSTEM

SOME STUDENTS OF OUR COLLEGE REGISTERED IN A DRDO ROBOTICS AND UNMANNED SYSTEM EXPOSITION, DRUSE COMPETITION, AND QUALIFIED ROUND 1 AMONG 10,000 REGISTERED TEAMS AND BECAME AMONG THE 162 TEAMS ALL OVER THE COUNTRY TO APPEAR FOR 2ND LEVEL OF SCREENING I.E. ZONALS.

THEY WERE GIVEN THE OPPORTUNITY TO PRESENT THEIR PROPOSAL AND SIMULATION AT IIT DELHI, WHERE THEY WERE AMONG THE 30 TEAMS FROM THIS ZONE OF COMPETITION, THEY ARE FELICITATED WITH RS. 10,000, CERTIFICATES AND DRDO BACKPACKS.

IT WAS A GREAT OPPORTUNITY OF PRESENTING THEIR PROPOSAL AND SIMULATION IN FRONT OF SCIENTISTS FROM DRDO.

SUCH EVENTS ENCOURAGE STUDENTS TO LEARN AND GET THE NECESSARY EXPOSURE IN LIFE.

THE TEAM OF STUDENTS PARTICIPATED -

NIKHIL KUMAR GUPTA EEE 3RD YR

PRAGATI JAISWAL IT 3RD YR

SURYA SRIVASTAVA EEE 3RD YR

NAMAN AGARWAL EEE 3RD YR





# ROBOTICS -ICAC2EIR



EEE DEPARTMENT OF GALGOTIAS COLLEGE OF ENGINEERING AND TECHNOLOGY ORGANIZED AN INTERNATIONAL CONFERENCE ON ADVANCE COMPUTING COMMUNICATION ENERGY INSTRUMENTATION AND ROBOTICS -ICAC2EIR-18 ON 23.03.2018 AND 24.03.2018. THE CONFERENCE WITNESSED ESTEEMED ORATION OF PRODIGIOUS SPEAKERS DR S.N. SINGH, VICE-CHANCELLOR, MMMTU GORAKHPUR, DR. GAJENDRA SINGH, DIRECTOR ABES ENGINEERING COLLEGE, GHAZIABAD, DR. PRABHAKAR TIWARI, ASSOCIATE PROFESSOR, MMMTU, GORAKHPUR, DR ASHISH SRIVASTAVA, ASSOCIATE PROFESSOR, MANIPAL UNIVERSITY, JAIPUR AND DR SHABANA UROOJ, ASSOCIATE PROFESSOR, GBU, GREATER NOIDA. IT WAS PROCEEDED BY A TECHNICAL SESSION WHERE STUDENTS FROM EE AND EEE DEPARTMENT SHOWCASED THEIR PRESENTATIONS. THE CONFERENCE WAS ORGANIZED SUCCESSFULLY UNDER THE GUIDANCE AND MENTORSHIP OF HOD EE AND EEE, GCET PROF. A. AMBIKA PATHY.



# **STUDENT ACHIEVEMENTS**



# INDUSTRIAL VISIT 1



ON 14.03.2018 AND 15.03.2018 THE 3rd YEAR STUDENTS OF EE DEPARTMENT WERE TAKEN FOR AN INDUSTRIAL VISIT TO **TIMARPUR WASTE MANAGEMENT COMPANY**, OKHLA NEW DELHI. THERE STUDENTS WERE EXPLAINED THE PROCEDURE OF WASTE MANAGEMENT AND THE WORKING OF THE PLANT.

# INDUSTRIAL VISIT 2



DEPARTMENT OF EE CONDUCTED AN INDUSTRIAL VISIT FOR THE 3<sup>rd</sup> YEAR STUDENTS TO THE **HARDUA THERMAL POWER PLANT LOCATED IN ALIGARCH** ON 19.04.2018 AND 20.03.2018. ERUDITE STUDENTS GAINED MUCH INFORMATION ABOUT THE WORKING AND VIABILITY OF THE THERMAL POWER PLANT. THIS VISIT WAS ORGANIZED UNDER THE GUIDANCE OF HOD EE AND THE FACULTY.



# INTER-BRANCH SPORTS TOURNAMENT



THE STUDENTS OF THE EE DEPARTMENT PARTICIPATED IN THE INTER-BRANCH SPORTS TOURNAMENT AND BROUGHT MARVEL TO THE DEPT. BY WINNING VARIOUS AWARDS AS FOLLOWING-

**CRICKET BOYS- GOLD- YASOWANT NAYAK(CAPTAIN)**  
**VOLLEYBALL GIRLS- SILVER- RUCHI YADAV (CAPTAIN)**  
**HOCKEY BOYS- BRONZE- RAJAT SINGH (CAPTAIN)**  
**TABLE TENNIS BOYS- GOLD- SAMYAK SINGH(CAPTAIN)**  
**MARTIAL ARTS - KARATE - SILVER- SAPNA SINGH**  
**BEST BOWLER(CRICKET) - YASOWANT NAYAK**



A large crowd of people is seen from behind, with many arms raised in the air. The background is filled with out-of-focus lights, creating a bokeh effect. The text "CULTURAL EVENTS" is overlaid in the center in a bold, black, sans-serif font.

# **CULTURAL EVENTS**

# CULTURAL ACTIVITIES

- TEACHER'S DAY CELEBRATION



THE YOUNG AND TALENTED STUDENTS OF EEE BRANCH CAME FORWARD TO CELEBRATE TEACHER'S DAY OF 2017 WITH GREAT EXUBERANCE. THEY SHOWED THEIR RESPECT AND ADMIRATION FOR TEACHERS BY OFFERING BEAUTIFUL PERFORMANCES. THE EVENT WAS A GRAND MIX OF DANCE, DRAMA, MUSIC AND LOTS OF FUN.





# Cultural Activities

- **E-TARANG- ANNUAL DEPARTMENTAL FEST**



THE EEE DEPT CELEBRATED ITS ANNUAL CULTURAL FEST **E-TARANG** WITH FULL VIGOUR AND ZEAL. THE ASTOUNDING PERFORMANCE BY THE **CHIEF GUEST DEEPA SAJU** TRADITIONAL BHARATNATYAM DANCER WAS PAR EXCELLENCE. A NOBLE INITIATIVE **WALL OF MERCY** WAS TAKEN BY THE HOD PROF. A. AMBIKAPATHY TO HELP THE NEEDY ONE WITH DAILY LIFE ESSENTIALS. SCINTILLATING DANCE, MELLODIOUS SONGS, HEARTTHROBING DRAMA AND VIVACIOUS POETRY FILLED THE AURA WITH ZEST AND FERVOUR.





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the world

### **Contact us**

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